



政府統計

# 経済産業省生産動態統計月報

*Monthly Report of Current Production Statistics Survey*

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*July, 2018*

10月18日は「統計の日」です

経済産業省 大臣官房 調査統計グループ

Research and Statistics Department  
Minister's Secretariat  
Ministry of Economy, Trade and Industry ( METI )

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# 利用上の注意

この月報は、統計法に基づく経済産業省生産動態統計調査規則（基幹統計）により実施された月次の調査結果を公表するものです。

## 1. 調査の範囲

調査票の種類及び調査の範囲は、次表のとおりです。

調査票名及び調査対象事業所の範囲

| 調査票番号  | 調査票名  | 調査の範囲        |
|--|---|--------------|
| 鉄鋼   | 1010 鉄鋼月報(その1)鉄鉄・フェロアロイ・粗鋼・鋼半製品・鍛鋼品・鋳鋼品                 | 全ての事業所       |
|  | 1020 鉄鋼月報(その2)普通鋼熱間圧延鋼材                                 | "            |
|  | 1040 鉄鋼月報(その4)普通鋼冷間圧延鋼材(線類を除く)・めっき鋼材(線類を除く)・冷間ロール成型形鋼   | "            |
|  | 1050 鉄鋼月報(その5)特殊鋼圧延鋼材                                   | "            |
|  | 1060 鉄鋼月報(その6)鋼管  | "            |
|  | 1070 鉄鋼月報(その7)磨棒鋼・線類・鋳鉄管・鉄鋼加工製品                         | 従事者30名以上の事業所 |
|  | 1090 鉄鋼月報(その9)労務・生産能力                                   | 全ての事業所       |
| 非鉄金属   | 5040 軽金属板製品月報   | 従事者20名以上の事業所 |
|  | 9040 アルミニウム月報   | 全ての事業所       |
|  | 9050 非鉄金属製品月報(伸銅製品)                                     | "            |
|  | 9060 非鉄金属製品月報(高純度多結晶シリコン、シリコンウエハ、はんだ、銅合金塊)              | "            |
|  | 9070 非鉄金属製品月報(アルミニウム圧延製品)                               | "            |
|  | 9080 非鉄金属製品(電線・ケーブル)、光ファイバ製品月報                          | 従事者30名以上の事業所 |
|  | 9810 非鉄金属月報   | 全ての事業所       |
| 金属製品   | 2210 鉄構物及び架線金物月報  | 従事者30名以上の事業所 |
|  | 架線金物  | 従事者50名以上の事業所 |
|  | 鉄構物   | 従事者30名以上の事業所 |
|  | 2220 ばね月報   | 従事者30名以上の事業所 |
|  | 2250 弁及び管継手月報   | "            |
|  | 2260 空気動工具、作業工具、のこ刃及び機械刃物月報                             | 従事者30名以上の事業所 |
|  | 作業工具以外  | 従事者20名以上の事業所 |
|  | 作業工具  | 従事者20名以上の事業所 |
|  | 2270 ガス機器、石油機器及び太陽熱温水器月報                                | 従事者50名以上の事業所 |
|  | 2510 粉末や金製品月報(超硬チップを除く)                                 | 従事者30名以上の事業所 |
|  | 2520 鍛工品月報  | 従事者20名以上の事業所 |
|  | 2530 鋳鉄鋳物月報   | 従事者30名以上の事業所 |
|  | 2540 可鍛鋳鉄及び精密鋳造品月報                                      | "            |
| 2550 非鉄金属鋳物月報                                | 従事者20名以上の事業所  |              |
| アルミニウム鋳物                                     | 従事者10名以上の事業所  |              |
| 銅合金鋳物  | 従事者30名以上の事業所  |              |
| 2560 ダイカスト月報                                 | 従事者30名以上の事業所  |              |
| はん用・生産用・業務用機械                                | 2010 機械器具月報(その1)ボイラ及び原動機(自動車用、二輪自動車用、鉄道車両用及び航空機用のものを除く) | 従事者50名以上の事業所 |
|  | 2020 機械器具月報(その2)土木建設機械、鉱山機械及び破碎機                        | "            |
|  | 2030 機械器具月報(その3)化学機械及び貯蔵槽                               | "            |
|  | 2040 機械器具月報(その4)製紙機械、プラスチック加工機械、印刷・製版・製本及び紙工機械          | 従事者50名以上の事業所 |
|  | 製紙機械、プラスチック加工機械   | 従事者30名以上の事業所 |
|  | 印刷・製版・製本及び紙工機械  | 従事者50名以上の事業所 |
|  | 2060 機械器具月報(その6)ポンプ、圧縮機及び送風機(自動車用、二輪自動車用及び航空機用のものを除く)   | 従事者50名以上の事業所 |
|  | 2070 機械器具月報(その7)油圧機器及び空気圧機器(航空機用のものを除く)                 | "            |
|  | 2080 機械器具月報(その8)運搬機械及び産業用ロボット                           | "            |
|  | 2090 機械器具月報(その9)動力伝導装置                                  | "            |
|  | 2100 機械器具月報(その10)農業用機械器具及び木材加工機械                        | 従事者30名以上の事業所 |
|  | 2110 機械器具月報(その11)金属工作機械                                 | 従事者50名以上の事業所 |
|  | 2120 機械器具月報(その12)金属加工機械及び鋳造装置                           | 従事者30名以上の事業所 |
|  | 2140 機械器具月報(その14)食料品加工機械、包装機械及び荷造機械                     | "            |
|  | 2160 機械器具月報(その16)事務用機械                                  | 従事者50名以上の事業所 |
|  | 2170 機械器具月報(その17)マシン及び繊維機械                              | 従事者50名以上の事業所 |
|  | 繊維機械  | 従事者30名以上の事業所 |
|  | マシン   | 従事者50名以上の事業所 |
|  | 2180 機械器具月報(その18)冷凍機及び冷凍機応用製品                           | 従事者50名以上の事業所 |
|  | 2190 機械器具月報(その19)業務用サービス機器                              | "            |
|  | 2200 機械器具月報(その20)軸受、軸受メタル及びブッシュ                         | "            |
|  | 2230 機械器具月報(その23)金型                                     | 従事者30名以上の事業所 |
|  | 2240 機械器具月報(その24)機械工具                                   | "            |
| 2460 機械器具月報(その46)計測機器                        | 従事者50名以上の事業所  |              |
| 2470 機械器具月報(その47)光学機械器具及び時計                  | "   |              |
| 2570 機械器具月報(その57)半導体製造装置及びフラットパネル・ディスプレイ製造装置 | "   |              |
| 電気・情報電子通信デバイス・機械                             | 2280 機械器具月報(その28)回転電気機械(航空機用のものを除く)                     | "            |
|  | 2290 機械器具月報(その29)静止電気機械器具(航空機用のものを除く)                   | "            |
|  | 2300 機械器具月報(その30)開閉制御装置(航空機用のものを除く)                     | "            |
|  | 2310 機械器具月報(その31)民生用電気機械器具                              | "            |
|  | 2320 機械器具月報(その32)電球、配線及び電気照明器具                          | "            |
|  | 2330 機械器具月報(その33)通信機械器具及び無線応用装置                         | "            |
|  | 2340 機械器具月報(その34)民生用電子機械器具                              | "            |
|  | 2350 機械器具月報(その35)電子部品                                   | "            |
|  | 2360 機械器具月報(その36)電子管、半導体素子及び集積回路                        | "            |
|  | 2370 機械器具月報(その37)電子計算機及び情報端末                            | "            |
|  | 2380 機械器具月報(その38)電気計測器及び電子応用装置                          | "            |
|  | 2390 機械器具月報(その39)電池                                     | "            |



|            | 調査票番号                   | 調査票名                                     | 調査の範囲                                   |
|------------|-------------------------|--|---|
| 輸送機械       | 2400                    | 機械器具月報(その40)自動車(戦闘用自動車を除く)               | 従事者50名以上の事業所                            |
|            | 2410                    | 機械器具月報(その41)自動車部品及び内燃機関電装品               | "                                       |
|            | 2430                    | 機械器具月報(その43)自転車及び車いす(原動機付自転車を除く)         |   |
|            |                         | 車いす<br>自転車                               | 従事者30名以上の事業所<br>従事者10名以上の事業所            |
|            | 2440                    | 機械器具月報(その44)産業車両                         | 従事者50名以上の事業所                            |
|            | 2450                    | 機械器具月報(その45)航空機                          | 全ての事業所                                  |
| 窯業・土石(建材)  | 5120                    | ガラス製品・ほうろつ鉄器月報                           |   |
|            |                         | ガラス製品                                    | 従事者10名以上の事業所                            |
|            |                         | ほうろつ鉄器                                   | 従事者20名以上の事業所                            |
|            | 5130                    | 陶磁器月報                                    | 従事者10名以上の事業所                            |
|            | 5140                    | ファインセラミックス月報                             | 従事者5名以上の事業所                             |
|            | 7230                    | 板ガラス・安全ガラス・複層ガラス及びガラス繊維月報                | 全ての事業所                                  |
|            | 7250                    | 耐火れんが・不定形耐火物月報                           | "                                       |
|            | 7260                    | 炭素製品・研削砥石月報                              | "                                       |
|            | 7290                    | ボード・パネル月報                                | "                                       |
|            | 7320                    | 金属製建具月報                                  | 従事者30名以上の事業所                            |
| 7340       | セメント・セメント製品月報           |  |   |
|            | セメント<br>セメント製品          | 全ての事業所<br>従事者30名以上の事業所                   |   |
| パルプ・紙・紙品   | 4230                    | パルプ月報                                    | 全ての事業所                                  |
|            | 4240                    | 紙月報                                      | "                                       |
|            | 4260                    | 板紙月報                                     | "                                       |
|            | 4290                    | 段ボール月報                                   | 従事者50名以上の事業所                            |
|            | 4295                    | 紙おむつ月報                                   | 全ての事業所                                  |
| 化学工業       | 6010                    | 化学肥料・石灰及びソーダ工業製品月報                       |   |
|            |                         | 石灰及び軽質炭酸カルシウム以外                          | 全ての事業所                                  |
|            |                         | 石灰及び軽質炭酸カルシウム                            | 従事者15名以上の事業所                            |
|            | 6080                    | コーラル製品・環式中間物及び合成染料月報                     | 全ての事業所                                  |
|            | 6090                    | 有機薬品及び写真感光材料月報                           | "                                       |
|            | 6100                    | 石油化学製品月報                                 | "                                       |
|            | 6121                    | 無機薬品・火薬類月報                               | "                                       |
|            | 6122                    | 触媒月報                                     | "                                       |
|            | 6140                    | 高圧ガス月報                                   | "                                       |
|            | 6160                    | プラスチック月報                                 | "                                       |
| 6171       | 油脂製品、石けん・合成洗剤等及び界面活性剤月報 | 従事者10名以上の事業所                             |   |
| 6175       | 化粧品月報                   | 従事者30名以上の企業                              |   |
| 6180       | 塗料及び印刷インキ月報             | 従事者10名以上の事業所                             |   |
| プラスチック製品   | 6201                    | ゴム製品月報(自動車用タイヤ)                          | 従事者5名以上の事業所                             |
|            | 6202                    | ゴム製品月報(自動車用タイヤを除く)                       | "                                       |
|            | 6210                    | プラスチック製品月報                               | 従事者50名以上の事業所                            |
| 繊維工業       | 3010                    | 化学繊維月報                                   | 従事者30名以上の事業所及び2以上の事業所を有する企業             |
|            | 3040                    | 紡績糸月報                                    | 従事者20名以上、又は精紡機800錘以上の事業所及び2以上の事業所を有する企業 |
|            | 3110                    | 織物生産月報                                   | 従事者10名以上の事業所及び2以上の事業所を有する企業             |
|            | 3150                    | タフテッドカーペット・フェルト・不織布月報                    | 従事者20名以上の事業所                            |
|            | 3160                    | 染色整理月報                                   | " (機械染色整理)                              |
|            | 3180                    | ニット・衣服縫製品月報                              | 従事者30名以上の事業所                            |
|            | 3200                    | 二次製品月報(製綿・ふとん、網・網、細幅織物・組ひも・レース)          |   |
|            |                         | 製綿・ふとん<br>漁網・陸上網、合成繊維網<br>細幅織物・組ひも・レース生地 | 従事者20名以上の事業所<br>"<br>従事者10名以上の事業所       |
| その他の業      | 4300                    | 印刷月報                                     | 従事者100名以上の事業所                           |
|            | 5020                    | 楽器月報                                     | 従事者20名以上の事業所                            |
|            | 5030                    | 家具月報                                     | 従事者50名以上の事業所                            |
|            | 5050                    | 文具月報                                     | 従事者20名以上の事業所                            |
|            | 5080                    | 玩具月報                                     | 従事者10名以上の事業所                            |
|            | 5100                    | 革靴月報                                     | "                                       |
|            | 5110                    | 製革月報                                     | "                                       |
| 鉱業・石炭製品・石油 | 8020                    | 鉱物及びコークス月報                               |   |
|            |                         | 金属鉱物、非金属鉱物(石灰石以外)、コークス<br>石灰石            | 全ての事業所<br>従事者10名以上の事業所                  |
|            | 8040                    | 原油及び天然ガス月報                               | 全ての事業所                                  |
|            | 8061                    | 石油製品月報                                   | "                                       |

## 2. 調査項目の定義について

### (1) 製 品

#### ① 生 産

##### (数 量)

調査の対象事業所（以下「調査対象」という。）が、国内で実際に生産（受託生産を含む。）した製品の数量をいいます。ただし、仕掛中の半製品は除きます。ここでいう製品とは、修理改造、再製品を除く最終の社内検査又は立会い検査を完了したものをいいます。

なお、生産には調査対象で他の製品に加工又は消費するために生産したものも含まれます。

##### (金 額)

生産金額は、生産数量を契約価格又は生産者販売価格により評価した金額をいいます。ここでいう契約価格又は生産者販売価格とは、企業の販売価格から積込み料、運賃、保険料、その他の諸掛りを除き、消費税を含めたものです。

#### ② 受 入

調査対象が生産している調査品目と同一の製品で、工場又は倉庫に次の事由により受入れた数量をいいます。

- ア. 他企業から購入したもの（輸入を含む。）
- イ. 同一企業内の他工場から受入れたもの
- ウ. 委託生産品及び委託加工品を委託先の工場（下請工場を含む。）から受入れたもの
- エ. 返品（戻入れ）されたもの

#### ③ 消 費

調査対象が他の製品の原材料、加工用として消費した数量をいいます。

#### ④ 出 荷

調査対象及び調査対象が契約の主体となって借受けている倉庫又は保管場所から、実際に出荷した数量をいいます。

なお、出荷数量は次の事由により、「販売」、「その他」に区分しています。

##### (販 売)

- ア. 販売業者又は消費者である他企業に直接販売したもの
- イ. 販売することを目的として本社、営業所又は中継地などに出荷したもの
- ウ. 受託生産品を販売業者（消費者を含む。）である委託者へ出荷したもの
- エ. 同一調査品目を生産していない同一企業内の他工場へ出荷したもの（全くの転売品）

##### (その他)

- ア. 同一調査品目を生産している同一企業内の他工場へ出荷したもの
- イ. 同一企業内の他工場へ原材料として出荷したもの
- ウ. 委託生産又は委託加工のための原材料として出荷したもの
- エ. 受託生産品又は受託加工品を同一調査品目を生産している生産業者（委託者）へ出荷したもの
- オ. 自家使用したもの（自工場施設などへの投資、見本用、贈答用、試験研究用など）
- カ. 自己消費したもの（ただし、消費を調査していない場合のみ）

##### (販売金額)

販売金額は、販売数量を契約価格又は生産者販売価格により評価した金額をいいます。

ここでいう契約価格又は生産者販売価格とは、企業の販売価格から積込み料、運賃、保険料、その他の諸掛りを除き、消費税を含めたものです。

#### ⑤ 月末在庫

調査対象が生産した調査品目の製品及び受入品で、調査対象及び調査対象が契約の主体となって借受けている倉庫又は保管場所に、実際に保管してある製品の数量をいいます。

### (2) 原材料

#### ① 消 費

調査対象が調査品目の製品を生産するため、実際に消費した原材料の数量をいいます。

#### ② 月末在庫

調査対象及び調査対象が契約の主体となって借受けている倉庫または保管場所に、実際に保管してある原材料の数量をいいます。

### (3) 生産能力・設備

調査対象の生産能力及び保有している設備をいいます。ただし、将来設備の廃棄を予定し休止し

ている設備、現在休止している設備であって再稼働するためには設備更新に近い大改造を必要とする設備は含めていません。

能力算定にあたり、操業日数、操業時間は標準的な日数、時間を原則としています。

#### (4) 労 務

##### 月末従事者数

実際に生産及び管理その他の業務に常時従事する人数をいいます（出向者、派遣労働者を含む）。

### 3. その他

(1) この月報で使用している記号の区分は下記のとおりです。

「0」は単位未満                      「-」は実績なし                      「…」は不詳  
 「r」は訂正                              「x」は秘匿                              「▲」はマイナス  
 「☆」は下位品目に接続係数が発生

(2) 単位未満を四捨五入しているため、内訳の積み上げと合計が一致しない場合があります。

(3) 過去の公表値と不連続が発生した品目については、発成年月号の135ページに掲載しています。当月以前に発生した不連続に対する接続係数については、経済産業省のホームページ（URL：<http://www.meti.go.jp/statistics/tyo/seidou/index.html>）をご参照ください。

なお、不連続が発生する要因としては、調査対象から過去の報告内容についての訂正があった場合や調査対象の範囲が変更となった場合（調査規則による対象事業所の従事者数の変更）等が想定されます。

(4) 当月報掲載品目の定義等詳細については、経済産業省のホームページに掲載している調査の概要から「調査票及び記入要領」をご覧ください。

（URL：<http://www.meti.go.jp/statistics/tyo/seidou/gaiyo.html>）

(5) この月報に掲載された統計を他に転載するときは、必ず「経済産業省生産動態統計月報」による旨を明記してください。

### 4. 問い合わせ先

この月報の内容についての問い合わせは、下記宛にご連絡ください。

〒100-8902 東京都千代田区霞が関一丁目3番1号  
 経済産業省大臣官房調査統計グループ鉱工業動態統計室  
 企画調整班、調査分析班  
 電話 03 (3501) 1511 (代) 内線2861・2862・2863

#### ●調査の結果及び調査品目の内容に関する問い合わせ先●

| 担当班      | 担当区分             | 内線             |
|----------|------------------|----------------|
| 化学・金属班   | 鉄鋼               | 2866・2867      |
|          | 非鉄金属             |                |
|          | 金属製品             |                |
|          | 化学工業             | 2864・2865      |
| 一般・輸送機械班 | はん用・生産用・業務用機械    | 2873           |
|          | 輸送機械             |                |
| 電気・精密機械班 | 電気・電子デバイス・情報通信機械 | 2871           |
| 資源・窯業班   | 窯業・土石（建材）製品      | 2868           |
|          | 鉱業・石油・石炭製品       |                |
| 繊維・生活用品班 | パルプ・紙・紙加工品       | 2875・2876・2878 |
|          | ゴム製品             |                |
|          | プラスチック製品         |                |
|          | 繊維工業             |                |
|          | その他の工業           |                |

# Notes for utilization

The objective of this monthly report is to compile and publish the results of the monthly survey, which is conducted under the METI's regulations for the Current Survey of Production (Fundamental Statistics) based on the Statistics Law.

## I . The definition of survey items

### 1. Product

#### (1) Production

##### (Quantity)

The quantity of products actually produced (including produced as a consignee) by the establishment that is the object of the survey (the survey object). However, products in processes shall be excluded.

In this connection, "products" mean those products that have undergone either final in-house inspection or witnessed inspection within the research period, and repairs and reproduction are not included in production.

Besides, "Production" includes products as process goods or for consumption for other products in "the survey object".

##### (Value)

"The production value" evaluates "the production quantity" by a contract price or producer selling price. In this connection, "contract prices" or "producers selling prices" are enterprises' selling prices excluding shipping charges, transport costs, insurance costs and other costs, but including consumption tax.

#### (2) Reception

The quantity of products received by the factories or warehouses of "the survey object" that produces the same survey commodity items due to the following circumstances:

- a. Purchase from other enterprises (including imports)
- b. Reception from other factories belonging to the same enterprise
- c. The commissioned products and commission-manufactured products received from the consignees (including subcontracted factories)
- d. Returned products

#### (3) Consumption

The quantity of products consumed as materials, process goods and fuels in "the survey object".

#### (4) Shipments

The quantity of products actually shipped from "the survey object's" warehouse or rental warehouse which "the survey object" mainly uses.

Besides, the quantity of products is distinguished as "Sales" or "Other" in the following ways.

##### (Sales)

- a. Products directly sold to distributors or other consumer enterprises
- b. Products shipped to the headquarters/sales offices or relay points for the purpose of selling
- c. Commissioned products shipped to consigners that are sales dealers (including consumers)
- d. Products shipped to other factories of the same enterprise which are not producing the same survey commodity

##### (Others)

- a. Products shipped to other factories of the same enterprise which are producing the same products as the survey commodity
- b. Products shipped to other factories of the same enterprise as materials
- c. Products shipped as materials for use in the commissioned products or commission-manufactured products
- d. The commissioned products or commission-manufactured products shipped to the manufacturers (consigners) that are producing the same survey commodity
- e. Products used in-house (equipment investment for an enterprise's own factory, used for samples, used for gifts, used in testing and research)
- f. Products consumed in-house (only in the case of the no consumption survey item)

##### (Sales value)

"The sales value" evaluates "the sales quantity" by a contract price or producer selling price.

In this case, "contract price" or "producer's selling price" are the enterprise's selling prices excluding shipping charges, transport costs, insurance costs and other costs, but including consumption tax.

#### **(5) Inventory at the end of the month**

The quantity of products produced or received by 'the survey object' which are actually stored in "the survey object's" warehouses and rental warehouses which "the survey object" mainly uses

### **2. Raw materials**

#### **(1) Consumption**

The quantity of raw materials actually consumed in producing the survey commodity by "the survey object"

#### **(2) Inventory at the end of the month**

The quantity of raw materials actually stored in "the survey object's" warehouses and rental warehouses which "the survey object" mainly uses

### **3. Production Capacity**

All facilities or production capacity under the survey actually owned by "the survey object"

However, the facilities stop operation and plans disposal in the future, are not included.

Currently, the facilities stop operation and in order to re-operating that requires large repaired to update the facilities, are not included.

Upon capacity calculation, operation dates, operation time standard number of days, we have the principle of time.

### **4. Labor**

#### **Number of persons engaged at the end of month**

The number of employees that actually and regularly engage in production, management or other operations (including the dispatched workers)

## **II. Others**

(1) Abbreviations used in this monthly report are as follows:

" 0 " Less than unit after rounding      " - " No results      " ... " Unknown

" r " Revised      " x " Conceal      " ▲ " Minus

"☆" Show that the link coefficient has occurred on low rank items.

(2) Figures may not exactly equal totals because of rounding.

(3) There may be discontinuity of the commodity data. Please refer to page 135 for the commodity which discontinuity occurred. Moreover, please refer to HP about the connection coefficient which occurred before this month.

(URL : <http://www.meti.go.jp/statistics/tyo/seidou>)

In addition, there are assumed as some case that discontinuity occurs:

- If "the survey subject", reported that correct the previous reports, was able to replace to compile the correct data

- Change surveyed scale(the number of employees change in establishments to be researched by the regulations)

(4) When reprinting the statistics contained in this monthly report in other printed matter, the fact that they are based on the monthly report of Current Production Statistics Survey must be clearly indicated.

## **III. Contact information:**

If there are any questions about the contents of this monthly report, please contact the following address.

**Office of Current Survey for Mining and Manufacturing,  
Research and Statistics Department, Minister's Secretariat,  
Ministry of Economy, Trade and Industry (METI)  
1-3-1 Kasumigaseki, Chiyoda-ku, Tokyo 100-8902, Japan  
Tel: +81 3-3501-1511, Extension 2861, 2862, 2863**

I. 製品月表 Product

(30年7月) (Jul. 2018)

1. 鉄鋼 Iron and steel

(1) 銑鉄・フェロアロイ・粗鋼・鋼半製品・鍛鋼品・鋳鋼品

Pig iron, ferro-alloys, crude steel, semi-finished steel, steel forgings and castings

(1)-1 銑鉄 Pig iron

① 受払(生産者分)

Receipts and shipments by producers

(単位:t) (Unit:t)

| 品 目<br>Commodity                  | 生 産<br>Production | 受 入<br>Receipts | 消 費<br>Consumption | 出 荷 Shipments  |               | 月末在庫<br>Inventory |
|-----------------------------------|-------------------|-----------------|--------------------|----------------|---------------|-------------------|
|                                   |                   |                 |                    | 販 売<br>Sales   | その他<br>Others |                   |
| <b>銑鉄</b><br>Pig iron             | <b>6,296,823</b>  | <b>21,206</b>   | <b>5,968,459</b>   | <b>262,644</b> | <b>30,492</b> | <b>466,491</b>    |
| 製鋼用銑<br>Pig iron for steel-making | 6,279,360         | 21,206          | 5,968,215          | 236,537        | 30,183        | 425,680           |
| 鋳物用銑<br>Foundry pig iron          | 17,463            | -               | 244                | 26,107         | 309           | 40,811            |

② 銑鉄消費内訳(生産者分)

Breakdown of consumption of pig iron by producers

(単位:t) (Unit:t)

| 品 目<br>Commodity                  | 製鋼用消費 Consumption for steel-making |                        |                             |
|-----------------------------------|------------------------------------|------------------------|-----------------------------|
|                                   | 計<br>Total                         | 転炉<br>LD<br>converters | 電気炉<br>Electric<br>furnaces |
| <b>銑鉄</b><br>Pig iron             | <b>5,965,358</b>                   | <b>5,960,083</b>       | <b>5,275</b>                |
| 製鋼用銑<br>Pig iron for steel-making | 5,965,114                          | 5,959,839              | 5,275                       |
| 鋳物用銑<br>Foundry pig iron          | 244                                | 244                    | -                           |

(1)-2 フェロアロイ

Ferro-alloys

① 受払(生産者分)

Receipts and shipments by producers

(単位:t) (Unit:t)

| 品 目<br>Commodity                   | 生 産<br>Production | 受 入<br>Receipts | 消 費<br>Consumption | 出 荷 Shipments |               | 月末在庫<br>Inventory |
|------------------------------------|-------------------|-----------------|--------------------|---------------|---------------|-------------------|
|                                    |                   |                 |                    | 販 売<br>Sales  | その他<br>Others |                   |
| <b>フェロアロイ</b><br>Ferro-alloys      | <b>66,552</b>     | <b>4,373</b>    | <b>17,442</b>      | <b>69,817</b> | <b>5,133</b>  | <b>146,555</b>    |
| <b>フェロマンガ</b><br>Ferro-manganese   | <b>32,078</b>     | <b>4,313</b>    | <b>14,587</b>      | <b>38,323</b> | <b>2,096</b>  | <b>94,780</b>     |
| 高炭素<br>High-carbon ferro-manganese | x                 | x               | x                  | x             | x             | x                 |
| 低炭素<br>Low-carbon ferro-manganese  | x                 | x               | x                  | x             | x             | x                 |
| シリコマンガ<br>Silico-manganese         | x                 | x               | x                  | x             | x             | x                 |
| フェロニッケル<br>Ferro-nickel            | 28,944            | -               | -                  | 27,123        | 2,822         | 30,857            |
| その他のフェロアロイ<br>Other ferro-alloys   | x                 | x               | x                  | x             | x             | x                 |

## (1)-3 粗鋼 Crude steel

| ① 受払 Receipts and shipments              |                   | (単位:t) (Unit:t) |                    |               |               |                   |
|--|-------------------|-----------------|--------------------|---------------|---------------|-------------------|
| 品 目<br>Commodity                         | 生 産<br>Production | 受 入<br>Receipts | 消 費<br>Consumption | 出 荷 Shipments |               | 月末在庫<br>Inventory |
|  |                   |                 |                    | 販 売<br>Sales  | その他<br>Others |                   |
| <b>粗鋼</b><br>Crude steel                 | <b>8,419,665</b>  | <b>30,612</b>   | <b>8,447,428</b>   | <b>2,488</b>  | <b>5,533</b>  | <b>77,046</b>     |
| 普通鋼<br>Ordinary steel                    | 6,386,531         | 123             | 6,384,136          | 1,563         | -             | 9,846             |
| 特殊鋼<br>Special steel                     | 2,033,134         | 30,489          | 2,063,292          | 925           | 5,533         | 67,200            |
| <b>鋼塊</b><br>Steel ingots                | <b>8,386,859</b>  | <b>30,474</b>   | <b>8,415,264</b>   | <b>1,698</b>  | <b>5,533</b>  | <b>76,231</b>     |
| 普通鋼<br>Ordinary steel                    | 6,373,235         | 123             | 6,371,598          | 773           | -             | 9,131             |
| 特殊鋼<br>Special steel                     | 2,013,624         | 30,351          | 2,043,666          | 925           | 5,533         | 67,100            |
| <b>鑄鋼鑄込</b><br>Liquid steel for castings | <b>32,806</b>     | <b>138</b>      | <b>32,164</b>      | <b>790</b>    | <b>-</b>      | <b>815</b>        |
| 普通鋼<br>Ordinary steel                    | 13,296            | -               | 12,538             | 790           | -             | 715               |
| 特殊鋼<br>Special steel                     | 19,510            | 138             | 19,626             | -             | -             | 100               |

## ② 粗鋼生産内訳 Breakdown of production of crude steel (単位:t) (Unit:t)

| 品 目<br>Commodity                | 生 産 Production   |                         |                             |
|---------------------------------|------------------|-------------------------|-----------------------------|
|                                 | 計<br>Total       | 転 炉<br>LD<br>converters | 電気炉<br>Electric<br>furnaces |
| <b>鋼塊</b><br>Steel ingots       | <b>8,386,859</b> | <b>6,355,906</b>        | <b>2,030,953</b>            |
| 普通鋼<br>Ordinary steel           | 6,373,235        | 5,027,942               | 1,345,293                   |
| 特殊鋼<br>Special steel            | <b>2,013,624</b> | <b>1,327,964</b>        | <b>685,660</b>              |
| インゴットケースによるもの<br>Ingot-case     | 105,594          | 5,212                   | 100,382                     |
| 連続鑄造によるもの<br>Continuous casting | 1,908,030        | 1,322,752               | 585,278                     |

## (1)-4 鋼半製品 Semi-finished steel

| ① 受払 Receipts and shipments        |                   | (単位:t) (Unit:t) |                    |                |                |                   |
|------------------------------------|-------------------|-----------------|--------------------|----------------|----------------|-------------------|
| 品 目<br>Commodity                   | 生 産<br>Production | 受 入<br>Receipts | 消 費<br>Consumption | 出 荷 Shipments  |                | 月末在庫<br>Inventory |
|                                    |                   |                 |                    | 販 売<br>Sales   | その他<br>Others  |                   |
| <b>鋼半製品</b><br>Semi-finished steel | <b>8,259,277</b>  | <b>726,388</b>  | <b>8,008,381</b>   | <b>431,714</b> | <b>859,545</b> | <b>3,837,459</b>  |
| 普通鋼<br>Ordinary steel              | 6,344,289         | 423,024         | 5,970,305          | 354,307        | 486,923        | 2,317,349         |
| 特殊鋼<br>Special steel               | 1,914,988         | 303,364         | 2,038,076          | 77,407         | 372,622        | 1,520,110         |

## (1)-5 鍛鋼品及び鑄鋼品 Steel forgings and castings

| ① 受払 Receipts and shipments      |                   | (単位:t) (Unit:t) |                    |               |               |                   |
|----------------------------------|-------------------|-----------------|--------------------|---------------|---------------|-------------------|
| 品 目<br>Commodity                 | 生 産<br>Production | 受 入<br>Receipts | 消 費<br>Consumption | 出 荷 Shipments |               | 月末在庫<br>Inventory |
|                                  |                   |                 |                    | 販 売<br>Sales  | その他<br>Others |                   |
| <b>鍛鋼品(打放)</b><br>Steel forgings | <b>56,166</b>     | <b>-</b>        | <b>16,264</b>      | <b>38,763</b> | <b>431</b>    | <b>24,690</b>     |
| 普通鋼<br>Ordinary steel            | 12,640            | -               | 2,597              | 10,913        | 34            | 7,249             |
| 特殊鋼<br>Special steel             | 43,526            | -               | 13,667             | 27,850        | 397           | 17,441            |
| <b>鑄鋼品(鑄放)</b><br>Steel castings | <b>15,287</b>     | <b>169</b>      | <b>5,704</b>       | <b>9,419</b>  | <b>62</b>     | <b>15,645</b>     |
| 普通鋼<br>Ordinary steel            | 7,736             | -               | 2,713              | 4,745         | 50            | 6,045             |
| 特殊鋼<br>Special steel             | 7,551             | 169             | 2,991              | 4,674         | 12            | 9,600             |

## (2) 普通鋼熱間圧延鋼材

## Ordinary hot-rolled steel

## ① 受払(生産者分)

Receipts and shipments by producers

(単位:t)

(Unit:t)

| 品 目<br>Commodity   | 生 産<br>Production | 受 入<br>Receipts | 消 費<br>Consumption | 出 荷 Shipments    |                | 月末在庫<br>Inventory |
|--|-------------------|-----------------|--------------------|------------------|----------------|-------------------|
|  |                   |                 |                    | 販 売<br>Sales     | その他<br>Others  |                   |
| <b>普通鋼熱間圧延鋼材</b><br>Ordinary hot-rolled steel                            | <b>5,769,312</b>  | <b>59,461</b>   | <b>1,599,632</b>   | <b>4,003,291</b> | <b>285,100</b> | <b>2,970,058</b>  |
| 軌条(付属品を含む)・外輪<br>Rails and accessories, tyres and wheels                 | 37,423            | -               | 1,125              | 32,575           | 233            | 40,963            |
| 鋼矢板<br>Sheet pilings   | 46,610            | -               | 316                | 41,520           | 130            | 38,964            |
| <b>形鋼</b><br>Steel shapes  | <b>478,545</b>    | <b>928</b>      | <b>198</b>         | <b>483,012</b>   | <b>1,299</b>   | <b>393,507</b>    |
| H形鋼<br>Wide flange beams   | 339,793           | 928             | 198                | 336,353          | 1,165          | 245,112           |
| 大形<br>Heavy shapes   | 63,089            | -               | -                  | 66,831           | 126            | 53,547            |
| 中小形<br>Medium and light shapes   | 75,663            | -               | -                  | 79,828           | 8              | 94,848            |
| <b>棒鋼</b><br>Steel bars  | <b>770,281</b>    | <b>4,765</b>    | <b>-</b>           | <b>786,998</b>   | <b>7,216</b>   | <b>652,897</b>    |
| 大形<br>Heavy bars   | 31,554            | 91              | -                  | 29,436           | 15             | 37,503            |
| 中形<br>Medium bars  | 32,060            | 21              | -                  | 34,106           | 821            | 53,940            |
| <b>小形</b><br>Light bars  | <b>706,667</b>    | <b>4,653</b>    | <b>-</b>           | <b>723,456</b>   | <b>6,380</b>   | <b>561,454</b>    |
| 鉄筋用<br>Reinforced bars   | 670,696           | 4,653           | -                  | 677,894          | 6,350          | 506,178           |
| その他用<br>For others   | 35,971            | -               | -                  | 45,562           | 30             | 55,276            |
| 管材<br>Rounds for tubes   | 42,171            | -               | 22,975             | 1,082            | 19,397         | 7,907             |
| <b>線材</b><br>Steel wire rods   | <b>146,233</b>    | <b>336</b>      | <b>172</b>         | <b>134,050</b>   | <b>5,115</b>   | <b>89,069</b>     |
| バーインコイル<br>Bars in coil  | 35,128            | -               | -                  | 36,943           | 41             | 24,560            |
| 鉄筋用<br>Reinforced bars in coil   | 19,398            | -               | -                  | 19,439           | -              | 12,219            |
| その他用<br>For others   | 15,730            | -               | -                  | 17,504           | 41             | 12,341            |
| 普通線材<br>Ordinary wire rods   | 49,590            | -               | -                  | 47,759           | 300            | 24,860            |
| <b>特殊線材</b><br>Special wire rods   | <b>61,515</b>     | <b>336</b>      | <b>172</b>         | <b>49,348</b>    | <b>4,774</b>   | <b>39,649</b>     |
| 低炭素<br>Low carbon wire rods  | 8,588             | 202             | 172                | 2,911            | 4,748          | 9,229             |
| 高炭素<br>High carbon wire rods   | 52,927            | 134             | -                  | 46,437           | 26             | 30,420            |
| <b>鋼板</b><br>Steel sheets and plates                                     | <b>807,503</b>    | <b>323</b>      | <b>4,983</b>       | <b>832,967</b>   | <b>3,139</b>   | <b>502,843</b>    |
| 厚板<br>Heavy plates   | 792,740           | 323             | 4,983              | 820,743          | 2,947          | 479,799           |
| 中板・薄板<br>Medium plates, light sheets                                     | 14,763            | -               | -                  | 12,224           | 192            | 23,044            |
| <b>鋼帯</b><br>Steel strips  | <b>3,440,546</b>  | <b>53,109</b>   | <b>1,569,863</b>   | <b>1,691,087</b> | <b>248,571</b> | <b>1,243,908</b>  |
| <b>幅600mm以上</b><br>Wide strips (greater than or equal to 600mm in width) | <b>3,383,771</b>  | <b>53,109</b>   | <b>1,538,271</b>   | <b>1,670,802</b> | <b>245,773</b> | <b>1,230,589</b>  |
| 冷延電気鋼帯用<br>Cold-rolled electrical sheets and strips                      | 134,572           | 173             | 134,571            | 1,672            | 223            | 25,271            |
| その他用<br>For others   | 3,249,199         | 52,936          | 1,403,700          | 1,669,130        | 245,550        | 1,205,318         |
| 幅600mm未満<br>Narrow strips (less than 600 mm in width)                    | 56,775            | -               | 31,592             | 20,285           | 2,798          | 13,319            |



## (3) 普通鋼冷間仕上鋼材(線類を除く)、めっき鋼材(線類を除く)、冷間ロール成型形鋼

Ordinary cold-finished, metallic-coated, cold-formed steel sheets and shapes

① 受払(生産者分) Receipts and shipments by producers (単位:t) (Unit:t)

| 品目<br>Commodity   | 生産<br>Production  | 受入<br>Receipts | 消費<br>Consumption | 出荷 Shipments |               | 月末在庫<br>Inventory |         |
|---|---|----------------|-------------------|--------------|---------------|-------------------|---------|
|   |   |                |                   | 販売<br>Sales  | その他<br>Others |                   |         |
| 冷間仕上鋼材<br>(線類を除く)<br>Cold-finished steel(except wires)  | 磨帯鋼・冷延鋼板<br>Cold-rolled narrow strips and cold-rolled sheets and strips | 14,623         | 138               | 139          | 14,264        | 375               | 77,517  |
|   | 冷延広幅帯鋼<br>Cold-rolled wide strips                                       | 1,483,049      | 27,349            | 925,388      | 569,713       | 37,004            | 426,781 |
|   | 冷延電気鋼帯<br>Cold-rolled electrical sheets and strips                      | 116,735        | -                 | -            | 116,465       | 21                | 59,553  |
| めっき鋼材<br>(線類を除く)<br>Metallic-coated steel(except wires) | ブリキ<br>Tin plates   | 64,122         | -                 | -            | 62,317        | 220               | 54,276  |
|   | ティンフリースチール<br>Tin-free steel  | 56,548         | -                 | -            | 59,255        | 114               | 49,917  |
|   | 亜鉛めっき鋼板<br>Galvanized sheets  | 895,600        | 3,322             | 492          | 899,103       | 16,306            | 651,884 |
|   | 溶融めっき<br>Hot-dip zinc-coated sheets                                     | 741,720        | 3,322             | -            | 754,875       | 13,823            | 534,017 |
|   | 電気めっき<br>Electric zinc-coated sheets                                    | 153,880        | -                 | 492          | 144,228       | 2,483             | 117,867 |
|   | その他の金属めっき鋼板<br>Other metallic-coated sheets                             | 110,782        | 95                | -            | 110,989       | 391               | 163,110 |
| 冷間ロール成型形鋼<br>Cold-formed steel shapes                   | 簡易鋼矢板<br>Cold-formed sheet pilings                                      | 1,054          | -                 | -            | 928           | -                 | 804     |
|   | 軽量形鋼<br>Cold-formed shapes  | 42,471         | 81                | -            | 43,181        | 461               | 24,253  |

## (4) 特殊鋼圧延鋼材

Special rolled steel

① 受払 Receipts and shipments (単位:t) (Unit:t)

| 品目<br>Commodity                   | 生産<br>Production                      | 受入<br>Receipts | 消費<br>Consumption | 出荷 Shipments     |                | 月末在庫<br>Inventory |         |
|-----------------------------------|---------------------------------------|----------------|-------------------|------------------|----------------|-------------------|---------|
|                                   |                                       |                |                   | 販売<br>Sales      | その他<br>Others  |                   |         |
| <b>熱間圧延鋼材</b><br>Hot-rolled steel | <b>1,668,722</b>                      | <b>17,789</b>  | <b>344,693</b>    | <b>1,249,563</b> | <b>136,418</b> | <b>784,950</b>    |         |
| 形鋼<br>Steel shapes                | 29,835                                | 119            | 1                 | 35,853           | 119            | 26,200            |         |
| 棒鋼<br>Bars                        | 548,334                               | 11,563         | 8,073             | 548,463          | 13,675         | 232,079           |         |
| 管材<br>Rounds for tubes            | 93,366                                | 3,985          | 72,342            | 7,362            | 18,470         | 51,144            |         |
| 線材<br>Wire rods                   | 365,812                               | 1,141          | 3,644             | 353,154          | 3,524          | 223,323           |         |
| 鋼板<br>Sheets and plates           | 105,218                               | 51             | 36,841            | 87,529           | 697            | 84,389            |         |
| 鋼帯<br>Steel strips                | 526,157                               | 930            | 223,792           | 217,202          | 99,933         | 167,815           |         |
| 冷間仕上鋼材<br>Cold-finished steel     | 磨帯鋼<br>Cold-rolled narrow strips      | 31,423         | 309               | 334              | 30,883         | 332               | 24,953  |
|                                   | 冷延広幅帯鋼<br>Cold-rolled wide strips     | 238,401        | 10,867            | 17,834           | 232,518        | 11,147            | 142,776 |
|                                   | 冷延鋼板<br>Cold-rolled sheets and strips | 1,652          | 6                 | -                | 1,896          | 3                 | 1,066   |

## (5) 鋼管

## Steel pipes and tubes

## ① 受払

Receipts and shipments

(単位:t) (Unit:t)

| 品目<br>Commodity  | 生産<br>Production | 受入<br>Receipts | 消費<br>Consumption | 出荷<br>Shipments |               | 月末在庫<br>Inventory |
|--|------------------|----------------|-------------------|-----------------|---------------|-------------------|
|  |                  |                |                   | 販売<br>Sales     | その他<br>Others |                   |
| 普通鋼<br>Ordinary steel  |                  |                |                   |                 |               |                   |
| 熱間鋼管(溶接鋼管を含む)<br>Hot-steel pipes and tubes<br>(including welded and butt welded pipes and tubes)           | 366,172          | 11,177         | 39,307            | 314,901         | 23,301        | 323,031           |
| 冷けん鋼管(再生引抜鋼管を含む)<br>Cold-drawn steel pipes and tubes<br>(including reproduced drawn steel pipes and tubes) | 23,356           | -              | -                 | 23,538          | 194           | 8,610             |
| めっき鋼管<br>Metallic-coated steel pipes and tubes   | 43,538           | -              | -                 | 34,875          | 9,350         | 30,204            |
| 特殊鋼<br>Special steel   |                  |                |                   |                 |               |                   |
| 熱間鋼管(溶接鋼管を含む)<br>Hot-steel pipes and tubes<br>(including welded pipes and tubes)                           | 135,187          | 4,384          | 18,746            | 133,973         | 2,752         | 144,056           |
| 冷けん鋼管<br>Cold-drawn steel pipes and tubes  | 13,014           | 1              | 284               | 12,268          | 25            | 9,944             |

## ② 普通鋼熱間鋼管製法別生産内訳

Ordinary hot steel pipes and tubes classified by production process

(単位:t) (Unit:t)

| 品目<br>Commodity  | 生産<br>Production |
|--|------------------|
| <b>普通鋼熱間鋼管</b><br>Ordinary steel hot-steel pipes and tubes | <b>366,172</b>   |
| 継目無鋼管<br>Seamless pipes and tubes                          | 29,917           |
| 鍛接鋼管<br>Butt welded pipes and tubes                        | 5,352            |
| 電縫鋼管<br>Electric-welded pipes and tubes                    | 259,517          |
| 電弧溶接鋼管<br>Arc-welded pipes and tubes                       | 71,386           |

## (6) 磨棒鋼、線類、鑄鉄管、鉄鋼加工製品

Cold-finished steel bars, wires, cast iron pipes and tubes, secondary steel products

## ① 磨棒鋼、線類、鑄鉄管

Cold-finished steel bars, wires, cast iron pipes and tubes

(単位:t) (Unit:t)

| 品目<br>Commodity   | 生産<br>Production | 消費<br>Consumption | 出荷<br>Shipments |               | 月末在庫<br>Inventory |
|---|------------------|-------------------|-----------------|---------------|-------------------|
|   |                  |                   | 販売<br>Sales     | その他<br>Others |                   |
| 普通鋼<br>Ordinary steel   |                  |                   |                 |               |                   |
| 磨棒鋼<br>Cold-finished bars   | 9,939            | 234               | 10,292          | 85            | 14,344            |
| 鉄線<br>Steel wires   | 25,946           | 9,683             | 16,523          | -             | 7,727             |
| 冷間仕上鋼材<br>Cold-finished steel                                     |                  |                   |                 |               |                   |
| 冷間圧造用炭素鋼線<br>Carbon steel wires for cold heading and cold forging | 18,519           | 273               | 18,564          | -             | 5,694             |
| 硬鋼線<br>Hard-drawn wires   | 25,621           | 12,427            | 12,892          | 121           | 6,843             |
| 溶接棒心線<br>Core wires for welding rods                              | 10,448           | 10,288            | -               | -             | 2,817             |
| めっき鋼材<br>Coated steel   |                  |                   |                 |               |                   |
| 針金<br>Galvanized steel wires                                      | 4,661            | 237               | 4,272           | -             | 9,838             |
| 亜鉛めっき硬鋼線<br>Galvanized hard-drawn wires                           | 7,505            | 5,024             | 2,511           | 77            | 3,214             |
| 特殊鋼<br>Special steel  |                  |                   |                 |               |                   |
| 磨棒鋼<br>Cold-finished bars   | 57,615           | 932               | 55,900          | 1,444         | 37,480            |
| PC鋼線<br>PC wires  | 4,345            | 3,493             | 990             | -             | 768               |
| ピアノ線<br>Piano wires   | 3,167            | -                 | 3,067           | -             | 2,417             |
| 冷間仕上鋼材<br>Cold-finished steel                                     |                  |                   |                 |               |                   |
| ステンレス鋼線<br>Stainless steel wires                                  | 7,819            | 127               | 7,678           | -             | 5,186             |
| 冷間圧造用炭素鋼線<br>Carbon steel wires for cold heading and cold forging | 77,028           | 2,962             | 75,543          | 560           | 13,435            |
| その他の特殊鋼線<br>Other special steel wires                             | 45,145           | 3,869             | 39,932          | 2,633         | 9,363             |
| 鑄鉄管<br>Cast iron pipes and tubes                                  | 19,080           | ...               | 19,338          | 165           | 74,096            |

## (6) 磨棒鋼、線類、鑄鉄管、鉄鋼加工製品(続き)

Cold-finished steel bars, wires, cast iron pipes and tubes, secondary steel products(continued)

## ② 鉄鋼加工製品

Secondary steel products

(単位:t) (Unit:t)

| 品 目<br>Commodity                                    | 生 産<br>Production | 出 荷<br>Shipments |               | 月末在庫<br>Inventory |
|---|-------------------|------------------|---------------|-------------------|
|   |                   | 販 売<br>Sales     | その他<br>Others |                   |
| 鋼索<br>Wire ropes                                    | 24,593            | 16,451           | 7,960         | 30,368            |
| (内 鋼より線)<br>(Strand wires among wire ropes)         | (18,142)          | (10,072)         | (7,489)       | (11,203)          |
| PC鋼より線<br>PC strand wires                           | 3,603             | 3,439            | -             | 3,936             |
| <b>金網</b><br><b>Wire netting</b>                    |                   |                  |               |                   |
| 一般金網・蛇かご<br>General wire netting and wire cylinders | 1,461             | 1,401            | 28            | 2,447             |
| 溶接金網<br>Welded wire netting                         | 9,823             | 10,489           | 34            | 5,198             |
| 鉄くぎ<br>Steel nails                                  | 1,826             | 1,802            | 31            | 2,016             |
| 電気溶接棒<br>Electrical welding rods                    | 18,268            | 17,897           | 245           | 12,283            |
| ドラム缶<br>Steel drums                                 | 29,270            | 29,232           | -             | 3,496             |
| 18リットル缶<br>18 l cans                                | 11,294            | 10,959           | 247           | 3,596             |
| 食缶<br>Food cans                                     | 17,424            | 17,331           | 3,591         | 25,215            |
| 一般缶<br>General cans                                 | 4,627             | 4,716            | 35            | 6,662             |

## 2. 非鉄金属 Non-ferrous metals

### (1) 非鉄金属

#### Non-ferrous metals

| 品 目<br>Commodity  | 単位<br>Unit | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷 Shipments   |                                   |                 | 月末在庫<br>Inventory |
|---|------------|-------------------|----------------|--------------------|-----------------|-----------------------------------|-----------------|-------------------|
|   |            |                   |                |                    | 販 売 Sales       |                                   | そ の 他<br>Others |                   |
|   |            |                   |                |                    | 数 量<br>Quantity | 金額(百万円)<br>Value<br>(million yen) |                 |                   |
| 電気金<br>Electrolytic gold  | g          | 10,596,590        | ...            | -                  | 10,287,592      | 46,574                            | -               | 4,792,231         |
| 電気銀<br>Electrolytic silver  | kg         | 143,645           | ...            | -                  | 149,637         | 8,592                             | -               | 74,344            |
| 粗銅<br>Blister copper  | t          | 145,623           | ...            | 132,692            | -               | -                                 | 12,931          | -                 |
| 電気銅<br>Electrolytic copper  | t          | 133,315           | 267            | 4,401              | 125,571         | 92,317                            | 6,094           | 49,904            |
| 粗鉛(副産粗鉛を含む)<br>Lead bullion<br>(including crude lead sub-product) | t          | 11,271            | ...            | 8,142              | 2,769           | 867                               | -               | 712               |
| 電気鉛<br>Electrolytic lead  | t          | 11,038            | -              | 253                | 16,284          | 4,421                             | -               | 11,493            |
| 亜鉛<br>Zinc  | t          | 36,342            | -              | -                  | 41,727          | 9,177                             | -               | 24,145            |

### (2) アルミニウム

#### Aluminum

| 品 目<br>Commodity   | 単位<br>Unit | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷 Shipments   |                                   |                 | 月末在庫<br>Inventory |
|--|------------|-------------------|----------------|--------------------|-----------------|-----------------------------------|-----------------|-------------------|
|  |            |                   |                |                    | 販 売 Sales       |                                   | そ の 他<br>Others |                   |
|  |            |                   |                |                    | 数 量<br>Quantity | 金額(千円)<br>Value<br>(thousand yen) |                 |                   |
| 精製アルミニウム地金<br>High-grade aluminum metal  | t          | 4,212             | -              | 2,580              | 1,592           | 746,443                           | -               | 1,182             |
| <b>アルミニウム合金地金</b><br><b>Aluminum alloy ingots</b>  | t          | <b>2,930</b>      | <b>10</b>      | <b>...</b>         | <b>3,341</b>    | <b>789,989</b>                    | <b>94</b>       | <b>3,070</b>      |
| アルミニウム合金地金<br>(鋳物・ダイカスト用)<br>Aluminum alloy ingots<br>(for castings, die castings)             | t          | x                 | x              | ...                | x               | x                                 | x               | x                 |
| アルミニウム合金地金<br>(その他用)<br>Aluminum alloy ingots<br>(for others)                                  | t          | x                 | x              | ...                | x               | x                                 | x               | x                 |
| <b>アルミニウム二次地金</b><br><b>Secondary aluminum ingots</b>  | t          | <b>14,134</b>     | <b>1,436</b>   | <b>...</b>         | <b>12,620</b>   | <b>2,795,934</b>                  | <b>2,892</b>    | <b>2,549</b>      |
| アルミニウム二次地金<br>(脱酸用)<br>Secondary aluminum ingots<br>(for ingots for deoxidizing)               | t          | 6,804             | 1,404          | ...                | 7,092           | 1,613,572                         | 1,102           | 2,139             |
| アルミニウム二次地金<br>(その他用)<br>Secondary aluminum ingots<br>(for others)                              | t          | 7,330             | 32             | ...                | 5,528           | 1,182,362                         | 1,790           | 410               |
| <b>アルミニウム二次合金地金</b><br><b>Secondary aluminum alloy ingots</b>                                  | t          | <b>107,102</b>    | <b>3,908</b>   | <b>...</b>         | <b>90,261</b>   | <b>22,947,835</b>                 | <b>16,869</b>   | <b>37,660</b>     |
| アルミニウム二次合金地金<br>(鋳物・ダイカスト用)<br>Secondary aluminum alloy ingots<br>(for castings, die castings) | t          | 82,047            | 1,285          | ...                | 80,910          | 20,414,656                        | 1,983           | 28,696            |
| アルミニウム二次合金地金<br>(その他用)<br>Secondary aluminum alloy ingots<br>(for others)                      | t          | 25,055            | 2,623          | ...                | 9,351           | 2,533,179                         | 14,886          | 8,964             |
| アルミニウム粉<br>Aluminum powder   | kg         | 1,101,401         | 20,000         | -                  | 1,091,543       | 1,438,183                         | -               | 1,188,317         |

## (3) 伸銅製品

## Elongated copper products

(単位:t)

(Unit: t)

| 品 目<br>Commodity   | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷 Shipments   |                                     |                 | 月 末 在 庫<br>Inventory |
|--|-------------------|----------------|--------------------|-----------------|-------------------------------------|-----------------|----------------------|
|  |                   |                |                    | 販 売 Sales       |                                     | そ の 他<br>Others |                      |
|  |                   |                |                    | 数 量<br>Quantity | 金 額 (千円)<br>Value<br>(thousand yen) |                 |                      |
| <b>伸銅製品</b><br>Elongated copper products                                     | <b>69,596</b>     | <b>342</b>     | <b>1,471</b>       | <b>67,311</b>   | <b>64,749,698</b>                   | <b>186</b>      | <b>36,304</b>        |
| <b>銅製品</b><br>Copper products  | <b>36,658</b>     | <b>190</b>     | <b>-</b>           | <b>35,898</b>   | <b>37,485,577</b>                   | <b>-</b>        | <b>14,469</b>        |
| 銅製品(板)<br>Copper products (plates and sheets)                                | 1,611             | 10             | -                  | 1,372           | 1,402,915                           | -               | 608                  |
| 銅製品(条)<br>Copper products (strips)   | 23,025            | 4              | -                  | 22,428          | 24,405,947                          | -               | 8,713                |
| 銅製品(管)<br>Copper products (pipes and tubes)                                  | 9,422             | 174            | -                  | 9,530           | 9,129,383                           | -               | 3,697                |
| 銅製品(棒・線)<br>Copper products (rods and bars, wires)                           | 2,600             | 2              | -                  | 2,568           | 2,547,332                           | -               | 1,451                |
| <b>黄銅製品</b><br>Brass products  | <b>28,747</b>     | <b>152</b>     | <b>1,318</b>       | <b>27,334</b>   | <b>21,428,464</b>                   | <b>186</b>      | <b>18,193</b>        |
| 黄銅製品(板)<br>Brass products (plates and sheets)                                | 686               | 1              | -                  | 624             | 580,090                             | -               | 455                  |
| 黄銅製品(条)<br>Brass products (strips)   | 9,356             | -              | 49                 | 9,131           | 7,737,384                           | -               | 3,056                |
| 黄銅製品(管)<br>Brass products (pipes and tubes)                                  | 508               | 5              | -                  | 540             | 668,180                             | -               | 56                   |
| 黄銅製品(棒)<br>Brass products (rods and bars)                                    | 15,370            | 145            | 778                | 14,863          | 10,563,326                          | 172             | 10,448               |
| 黄銅製品(線)<br>Brass products (wires)  | 2,827             | 1              | 491                | 2,176           | 1,879,484                           | 14              | 4,178                |
| <b>その他の伸銅製品</b><br>Other elongated copper products                           | <b>4,191</b>      | <b>-</b>       | <b>153</b>         | <b>4,079</b>    | <b>5,835,657</b>                    | <b>-</b>        | <b>3,642</b>         |
| その他の伸銅製品(板・条)<br>Other elongated copper products (plates and sheets, strips) | 3,363             | -              | -                  | 3,392           | 5,103,347                           | -               | 3,311                |
| その他の伸銅製品(棒・線)<br>Other elongated copper products (rods and bars, wires)      | 828               | -              | 153                | 687             | 732,310                             | -               | 331                  |

## (4) アルミニウム圧延製品

## Aluminum mill products

(単位:t)

(Unit: t)

| 品 目<br>Commodity  | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷 Shipments   |                                     |                 | 月 末 在 庫<br>Inventory |
|---|-------------------|----------------|--------------------|-----------------|-------------------------------------|-----------------|----------------------|
|   |                   |                |                    | 販 売 Sales       |                                     | そ の 他<br>Others |                      |
|   |                   |                |                    | 数 量<br>Quantity | 金 額 (百万円)<br>Value<br>(million yen) |                 |                      |
| <b>アルミニウム圧延製品(はくを除く)</b><br>Aluminum mill products (except foils) | <b>173,685</b>    | <b>2,512</b>   | <b>29,394</b>      | <b>134,946</b>  | <b>62,842</b>                       | <b>9,973</b>    | <b>57,504</b>        |
| <b>板製品</b><br>Flat rolled products                                | <b>106,123</b>    | <b>380</b>     | <b>4,199</b>       | <b>100,067</b>  | <b>42,415</b>                       | <b>392</b>      | <b>48,624</b>        |
| 板<br>Plates and sheets  | 15,780            | 110            | -                  | 14,612          | 7,682                               | 110             | 6,116                |
| 円板<br>Circles   | 1,092             | -              | -                  | 1,046           | 946                                 | 12              | 340                  |
| 条<br>Strips   | 89,251            | 270            | 4,199              | 84,409          | 33,787                              | 270             | 42,168               |
| <b>押出製品</b><br>Extruded products                                  | <b>67,562</b>     | <b>2,132</b>   | <b>25,195</b>      | <b>34,879</b>   | <b>20,427</b>                       | <b>9,581</b>    | <b>8,880</b>         |
| 管<br>Pipes and tubes  | 3,395             | -              | 10                 | 3,250           | 2,596                               | 117             | 889                  |
| 棒・線<br>Rods and bars, wires                                       | 6,099             | 1,026          | 14                 | 5,820           | 2,700                               | 1,301           | 1,757                |
| 形材<br>Shapes and profiles   | 58,068            | 1,106          | 25,171             | 25,809          | 15,131                              | 8,163           | 6,234                |
| はく<br>Foils   | 10,530            | 4              | -                  | 10,456          | 9,479                               | -               | 6,043                |

(5) 電線・ケーブル、光ファイバ製品  
Electric wires, cables and optical fiber products

① 製品  
Products

| 品目<br>Commodity  | 単位<br>Unit                  | 生産<br>Production | 受入<br>Receipt | 出荷 Shipments   |                                   |        | 月末在庫<br>Inventory |
|--|-----------------------------|------------------|---------------|----------------|-----------------------------------|--------|-------------------|
|  |                             |                  |               | 販売 Sales       | その他 Others                        |        |                   |
|  |                             |                  |               | 数量<br>Quantity | 金額(百万円)<br>Value<br>(million yen) |        |                   |
| 銅裸線(電線メーカー向け心線)<br>Bare copper wires<br>(for electric wire manufactures)                         | 導体t<br>(metal<br>core tons) | 40,552           | 5,090         | 41,581         | 26,418                            | 4,785  | 2,907             |
| 銅線(完成品)<br>Copper wires (complete)   | 導体t<br>(metal<br>core tons) | 56,006           | 27,076        | 64,204         | 105,146                           | 17,804 | 48,246            |
| 裸線(ユーザー向け)<br>Bare copper wires (for users)  | 導体t<br>(metal<br>core tons) | 4,192            | 3,128         | 7,102          | 5,792                             | 198    | 1,097             |
| 絶縁電線<br>Insulated wires  | 導体t<br>(metal<br>core tons) | 51,814           | 23,948        | 57,102         | 99,354                            | 17,606 | 47,149            |
| 巻線<br>Winding wires  | 導体t<br>(metal<br>core tons) | 12,573           | 9,300         | 12,210         | 13,222                            | 9,022  | 11,370            |
| 機器用電線<br>Appliance wires   | 導体t<br>(metal<br>core tons) | 3,842            | 355           | 3,979          | 12,534                            | 189    | 4,934             |
| 輸送機器用電線<br>Wires and cables for transport equipment  | 導体t<br>(metal<br>core tons) | 3,976            | 4,515         | 5,666          | 29,225                            | 3,001  | 2,257             |
| 通信用電線・ケーブル<br>Telecommunication wires, cables  | 導体t<br>(metal<br>core tons) | 1,495            | 421           | 1,405          | 3,305                             | 408    | 5,729             |
| 電力用電線・ケーブル<br>Power wires, cables  | 導体t<br>(metal<br>core tons) | 19,059           | 8,176         | 23,184         | 25,887                            | 3,917  | 13,309            |
| その他の絶縁電線<br>and cables<br>Other insulated wires<br>and cables                                    | 導体t<br>(metal<br>core tons) | 10,869           | 1,181         | 10,658         | 15,181                            | 1,069  | 9,550             |
| アルミニウム線<br>Aluminum wires  | 導体t<br>(metal<br>core tons) | 2,631            | 2,052         | 3,120          | 2,078                             | 1,620  | 1,011             |
| 光ファイバ製品<br>Optical fiber products  | kmコア<br>(km core)           | 4,481,293        | 9,137         | 4,286,962      | 8,766                             | 38,017 | 1,806,611         |
| 通信用ケーブル<br>Telecommunication cables  | kmコア<br>(km core)           | 952,903          | 9,137         | 790,935        | ...                               | 38,017 | 1,119,077         |
| 光ファイバケーブル(通信複合ケーブルを含む)<br>Optical fiber cables (including<br>telecommunication composite cables) | kmコア<br>(km core)           | 937,659          | 8,742         | 778,420        | ...                               | 35,659 | 1,106,794         |
| その他の光ケーブル<br>Other optical fiber products  | kmコア<br>(km core)           | 15,244           | 395           | 12,515         | ...                               | 2,358  | 12,283            |
| 光ファイバ心線(ユーザー向け)<br>Optical fiber core wires (for users)  | kmコア<br>(km core)           | 3,528,390        | -             | 3,496,027      | ...                               | -      | 687,534           |

② 光ファイバ製品販売先内訳

Sales breakdown by industrial sector of optical fiber products

(単位: kmコア) (Unit: km core)

| 品目<br>Commodity  | 合計<br>Total | 通信・電力業<br>Telecommunications,<br>electric power<br>companies | 建設・設備施工業<br>Construction,<br>facility installation<br>industries | 電気機械工業<br>Electrical<br>machinery | 輸送機械工業<br>Transport<br>equipment | その他<br>Others |
|--|-------------|--|--|-----------------------------------|----------------------------------|---------------|
| 光ファイバ製品<br>Optical fiber products  | 4,286,962   | 260,617  | 45,635   | 41,193                            | 261                              | 3,939,256     |
| 通信用ケーブル<br>Telecommunication cables  | 790,935     | 259,769  | 45,562   | 11,610                            | 261                              | 473,733       |
| 光ファイバケーブル(通信複合ケーブルを含む)<br>Optical fiber cables (including<br>telecommunication composite cables) | 778,420     | 256,129  | 45,552   | 4,976                             | 261                              | 471,502       |
| その他の光ケーブル<br>Other optical fiber products  | 12,515      | 3,640  | 10   | 6,634                             | -                                | 2,231         |
| 光ファイバ心線(ユーザー向け)<br>Optical fiber core wires (for users)  | 3,496,027   | 848  | 73   | 29,583                            | -                                | 3,465,523     |

## (6) 高純度多結晶シリコン、シリコンウエハ、はんだ、銅合金塊

High-purity polycrystal silicon, silicon wafers, solders and copper alloy ingots

| 品 目<br>Commodity   | 単 位<br>Unit             | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷 Shipments   |                                    |                 | 月 末 在 庫<br>Inventory |
|--|-------------------------|-------------------|----------------|--------------------|-----------------|------------------------------------|-----------------|----------------------|
|  |                         |                   |                |                    | 販 売 Sales       |                                    | そ の 他<br>Others |                      |
|  |                         |                   |                |                    | 数 量<br>Quantity | 金 額(百万円)<br>Value<br>(million yen) |                 |                      |
| 高純度多結晶シリコン<br>High-purity polycrystal silicon                | kg                      | 750,698           | -              | 29,127             | 580,031         | 2,080                              | -               | 3,631,669            |
| シリコンウエハ<br>Silicon wafers                                    | 10 <sup>3</sup> sq. in. | <b>522,522</b>    | <b>321,256</b> | -                  | <b>546,687</b>  | <b>51,541</b>                      | <b>288,464</b>  | <b>155,154</b>       |
| (シリコンウエハ) *<br>(Silicon wafers) *                            | (m <sup>2</sup> )       | (336,975)         | (207,178)      | (-)                | (352,557)       | ...                                | (186,030)       | (100,060)            |
| 5インチ(125mm)以下<br>Less than or equal to 5 inches              | 10 <sup>3</sup> sq. in. | 5,469             | 4,304          | -                  | 8,146           | ...                                | 1,482           | 3,843                |
| (5インチ(125mm)以下) *<br>(Less than or equal to 5 inches) *      | (m <sup>2</sup> )       | (3,527)           | (2,776)        | (-)                | (5,252)         | ...                                | (955)           | (2,479)              |
| 6インチ(150mm)<br>6 inches                                      | 10 <sup>3</sup> sq. in. | 25,285            | 14,167         | -                  | 27,958          | ...                                | 11,007          | 12,368               |
| (6インチ(150mm)) *<br>(6 inches) *                              | (m <sup>2</sup> )       | (16,306)          | (9,137)        | (-)                | (18,031)        | ...                                | (7,099)         | (7,976)              |
| 8インチ(200mm)<br>8 inches                                      | 10 <sup>3</sup> sq. in. | 94,508            | 68,717         | -                  | 109,903         | ...                                | 50,348          | 38,539               |
| (8インチ(200mm)) *<br>(8 inches) *                              | (m <sup>2</sup> )       | (60,948)          | (44,315)       | (-)                | (70,877)        | ...                                | (32,469)        | (24,854)             |
| 12インチ(300mm)以上<br>Greater than or equal to 12 inches         | 10 <sup>3</sup> sq. in. | 397,260           | 234,068        | -                  | 400,680         | ...                                | 225,627         | 100,404              |
| (12インチ(300mm)以上) *<br>(Greater than or equal to 12 inches) * | (m <sup>2</sup> )       | (256,194)         | (150,950)      | (-)                | (258,397)       | ...                                | (145,507)       | (64,751)             |

\* ( )内は、「m<sup>2</sup>」単位の数値である。「sq. in.」とはスクエアインチを表し、「sq. in.」単位の数値に換算係数を乗じたものが「m<sup>2</sup>」単位の数値である。

Note) Figures in parentheses are unit by "m<sup>2</sup>". Figures in "m<sup>2</sup>" are obtained by multiplying the figures in square inches by conversion factors.

## (6) 高純度多結晶シリコン、シリコンウエハ、はんだ、銅合金塊(続き)

High-purity polycrystal silicon, silicon wafers, solders and copper alloy ingots (continued)

| 品 目<br>Commodity            | 単 位<br>Unit | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷 Shipments   |                                    |                 | 月 末 在 庫<br>Inventory |
|-----------------------------|-------------|-------------------|----------------|--------------------|-----------------|------------------------------------|-----------------|----------------------|
|                             |             |                   |                |                    | 販 売 Sales       |                                    | そ の 他<br>Others |                      |
|                             |             |                   |                |                    | 数 量<br>Quantity | 金 額(千円)<br>Value<br>(thousand yen) |                 |                      |
| はんだ<br>Solders              | t           | 1,365             | 15             | -                  | 1,346           | 6,293,488                          | -               | 1,527                |
| 銅合金塊<br>Copper alloy ingots | t           | 5,191             | 87             | 89                 | 5,062           | 3,650,260                          | 159             | 3,402                |

## (7) 軽金属板製品

Light metal plate products

(単位:kg) (Unit: kg)

| 品 目<br>Commodity                       | 生 産<br>Production | 受 入<br>Receipt   | 消 費<br>Consumption | 出 荷 Shipments   |                                    |                   | 月 末 在 庫<br>Inventory |
|--|-------------------|------------------|--------------------|-----------------|------------------------------------|-------------------|----------------------|
|  |                   |                  |                    | 販 売 Sales       |                                    | そ の 他<br>Others   |                      |
|  |                   |                  |                    | 数 量<br>Quantity | 金 額(百万円)<br>Value<br>(million yen) |                   |                      |
| 軽金属板製品<br>Light metal plate products   | <b>34,400,491</b> | <b>5,063,143</b> | <b>33,474,718</b>  | <b>34,948</b>   | <b>7,342,405</b>                   | <b>41,955,806</b> |                      |
| 日用品<br>Daily necessities               | 70,013            | 53               | 64,118             | 155             | 95                                 | 283,755           |                      |
| 産業用品<br>For industry                   | <b>34,330,478</b> | <b>5,063,090</b> | <b>33,410,600</b>  | <b>34,793</b>   | <b>7,342,310</b>                   | <b>41,672,051</b> |                      |
| 電気器具用品<br>Parts for electric equipment | 519,824           | -                | 496,394            | 421             | -                                  | 404,467           |                      |
| 船舶・車両用品<br>Parts for ships, vehicles   | 536,558           | -                | 539,061            | 1,492           | -                                  | 118,223           |                      |
| 飲料用缶<br>Cans for beverages             | <b>32,834,273</b> | <b>5,062,763</b> | <b>32,036,487</b>  | <b>29,119</b>   | <b>7,253,935</b>                   | <b>40,879,336</b> |                      |
| 缶体<br>Can bodies                       | 25,252,683        | 2,408,791        | 25,310,472         | 22,314          | 3,667,320                          | 23,942,817        |                      |
| 缶ふた<br>Can lids                        | 7,581,590         | 2,653,972        | 6,726,015          | 6,805           | 3,586,615                          | 16,936,519        |                      |
| その他の産業用品<br>Others                     | 439,823           | 327              | 338,658            | 3,761           | 88,375                             | 270,025           |                      |

## 3. 金属製品 Fabricated metals

## (1) 鉄構物及び架線金物

## Steel structures and transmission line hardware

| 品目<br>Commodity  | 単位<br>Unit                | 生産<br>Production |                               |
|--|---------------------------|------------------|-------------------------------|
|  |                           | 数量<br>Quantity   | 金額(百万円)<br>Value(million yen) |
| <b>鉄構物</b><br>Steel structures   | t                         | <b>149,009</b>   | <b>43,623</b>                 |
| 鉄骨<br>Structural steel frames  | t                         | 110,653          | 24,819                        |
| 軽量鉄骨<br>Light structural steel frames  | t                         | 17,134           | 4,049                         |
| 橋りょう(陸橋・水路橋・海洋橋等)<br>Steel bridges (highway bridges, aqueduct bridges and other steel bridges) | t                         | 14,901           | 11,488                        |
| 鉄塔(送配電用・通信用・照明用・広告用等)<br>Steel towers (transmission, radio, lighting and advertising, etc.)    | t                         | 4,254            | 1,501                         |
| 水門(水門巻上機を含む)<br>Water gates (including water gate winches)                                     | t                         | 1,251            | 1,521                         |
| 鋼管(ベンディングロールで成型したものに限り)<br>Steel pipes (only those formed by bending rollers)                  | t                         | 816              | 245                           |
| <b>架線金物</b><br>Transmission line hardware  | 千個<br>(10 <sup>3</sup> n) | <b>11,099</b>    | <b>3,541</b>                  |
| 送変電用<br>For transmission lines and substations   | 千個<br>(10 <sup>3</sup> n) | 500              | 377                           |
| 配電用<br>For distribution lines  | 千個<br>(10 <sup>3</sup> n) | 5,225            | 1,891                         |
| 通信線路用・電線用<br>For communications, electric railways   | 千個<br>(10 <sup>3</sup> n) | 5,374            | 1,273                         |

## (2) ばね

## Springs

(単位:kg) (Unit: kg)

| 品目<br>Commodity   | 生産<br>Production  |                                   | 受入<br>Receipt    | 出荷<br>Shipments   |                                   |                | 月末在庫<br>Inventory |
|---|-------------------|-----------------------------------|------------------|-------------------|-----------------------------------|----------------|-------------------|
|   | 数量<br>Quantity    | 金額(千円)<br>Value<br>(thousand yen) |                  | 販売<br>Sales       |                                   | その他<br>Others  |                   |
|   |                   |                                   |                  | 数量<br>Quantity    | 金額(千円)<br>Value<br>(thousand yen) |                |                   |
| <b>ばね</b><br>Springs  | <b>37,274,732</b> | <b>29,214,929</b>                 | <b>3,045,149</b> | <b>39,772,960</b> | <b>30,860,533</b>                 | <b>374,168</b> | <b>21,444,127</b> |
| かさね板ばね<br>Leaf springs  | 6,461,642         | 2,135,395                         | 1,842,812        | 8,265,473         | 2,519,787                         | 3,070          | 8,419,368         |
| つるまきばね<br>Coil springs  | 7,542,758         | 1,955,838                         | 41,541           | 7,444,335         | 1,950,687                         | 84,106         | 3,227,703         |
| ねじり棒ばね<br>Torsion bar springs   | 5,559,526         | 2,001,293                         | 63,034           | 5,512,066         | 2,313,905                         | 49,809         | 4,265,216         |
| <b>線ばね</b><br>Wire springs  | <b>8,529,143</b>  | <b>9,683,906</b>                  | <b>503,249</b>   | <b>8,930,729</b>  | <b>10,346,793</b>                 | <b>19,065</b>  | <b>2,331,282</b>  |
| 自動車用(シート用ばねを除く)<br>Wire springs for automobiles(except seat springs)                | 5,549,644         | 5,868,102                         | 195,831          | 5,685,073         | 6,134,918                         | 18,563         | 1,734,251         |
| その他の線ばね(機械用・シート用ばねを含む)<br>Other wire springs(Including for machinery, seat springs) | 2,979,499         | 3,815,804                         | 307,418          | 3,245,656         | 4,211,875                         | 502            | 597,031           |
| うす板ばね<br>Flat springs   | 8,312,272         | 13,040,626                        | 593,113          | 8,731,965         | 13,308,507                        | 218,118        | 2,726,913         |
| ばね座金<br>Washer springs  | 869,391           | 397,871                           | 1,400            | 888,392           | 420,854                           | -              | 473,645           |



## (3) 弁及び管継手

## Valves and pipe fittings

| 品 目<br>Commodity  | 生 産 Production            |                           |                                    |
|---|---------------------------|---------------------------|------------------------------------|
|   | 数 量(個)<br>Quantity<br>(n) | 重 量(kg)<br>Weight<br>(kg) | 金 額(千円)<br>Value<br>(thousand yen) |
| <b>バルブ及び cocks</b><br>Valves and cocks  | <b>9,684,733</b>          | <b>12,799,714</b>         | <b>40,180,835</b>                  |
| <b>一般用バルブ及び cocks</b><br>General valves and cocks   | <b>2,578,429</b>          | <b>5,290,850</b>          | <b>16,720,541</b>                  |
| ステンレス鋼製(自動調整弁・高温高圧弁を除く)<br>Made of stainless steel<br>(except automatic control valves, high-temperature and high-pressure valves)                                | 826,453                   | 591,913                   | 8,518,871                          |
| 鋳鋼・鍛鋼製( " )<br>Made of cast steel, forged steel<br>(except automatic control valves, high-temperature and high-pressure valves)                                   | 17,775                    | 482,232                   | 1,001,995                          |
| 鋳鉄製(自動調整弁を除く)<br>Made of cast iron (except automatic control valves)  | 308,045                   | 3,418,861                 | 4,644,978                          |
| 青銅・黄銅製( " )<br>Made of bronze, brass (except automatic control valves)  | 1,426,156                 | 797,844                   | 2,554,697                          |
| 高温高圧弁(自動調整弁を除き圧力6.5MPa以上で温度350℃以上のものに限る)<br>High-temperature, high-pressure valves<br>(greater than or equal to 350℃ and 6.5MPa, except automatic control valves) | 1,038                     | 119,876                   | 514,709                            |
| <b>自動調整弁</b><br>Automatic control valves  | <b>3,257,496</b>          | <b>4,923,348</b>          | <b>13,365,500</b>                  |
| <b>自力式</b><br>Self-contained control valves   | <b>1,206,390</b>          | <b>2,259,915</b>          | <b>3,689,199</b>                   |
| 安全弁・スチームトラップ<br>Safety valves, steam traps  | 153,190                   | 398,331                   | 1,435,642                          |
| その他の自力式<br>Other self-contained control valves  | 1,053,200                 | 1,861,584                 | 2,253,557                          |
| <b>他力式</b><br>Power drive control valves  | <b>2,051,106</b>          | <b>2,663,433</b>          | <b>9,676,301</b>                   |
| 電磁弁<br>Solenoid operated valves   | 1,003,059                 | 1,459,766                 | 5,306,056                          |
| その他の他力式<br>Other power drive control valves   | 1,048,047                 | 1,203,667                 | 4,370,245                          |
| <b>給排水栓類</b><br>Plumbing fixtures   | <b>3,847,770</b>          | <b>2,465,640</b>          | <b>9,580,085</b>                   |
| 給水栓(便器洗浄弁・ボールタップ・排水用トラップを含む)<br>Faucets (including flush valves, ball taps and traps)   | 2,404,703                 | 1,788,031                 | 8,157,215                          |
| 止水栓・分水栓<br>Stop cocks, snap cocks   | 1,443,067                 | 677,609                   | 1,422,870                          |

## (3) 弁及び管継手(続き)

## Valves and pipe fittings (continued)

| 品 目<br>Commodity   | 生 産 Production                             |                           |                                    |
|--|--|---------------------------|------------------------------------|
|  | 数 量(千個)<br>Quantity<br>(10 <sup>3</sup> n) | 重 量(kg)<br>Weight<br>(kg) | 金 額(千円)<br>Value<br>(thousand yen) |
| <b>管継手</b><br>Pipe fittings  | <b>22,960</b>                              | <b>7,802,983</b>          | <b>8,570,624</b>                   |
| 可鍛鋳鉄製(フランジ形を含む)<br>Made of malleable iron castings (including flange type) | 8,588                                      | 2,171,101                 | 1,679,272                          |
| 鋼管製( " )<br>Made of steel pipes and tubes (including flange type)          | 9,598                                      | 4,712,902                 | 4,716,149                          |
| 非鉄金属製( " )<br>Made of non-ferrous metals (including flange type)           | 4,774                                      | 918,980                   | 2,175,203                          |

## (4) 空気動工具、作業工具、のこ刃及び機械刃物

Pneumatic tools, machinist hand tools, saw blades and knives for industry (machines)

| 品 目<br>Commodity  | 単位<br>Unit       | 生 産 Production   |                                   | 販 売 Sales        |                                   | 月末在庫<br>Inventory |
|---|------------------|------------------|-----------------------------------|------------------|-----------------------------------|-------------------|
|   |                  | 数 量<br>Quantity  | 金額(千円)<br>Value<br>(thousand yen) | 数 量<br>Quantity  | 金額(千円)<br>Value<br>(thousand yen) |                   |
| 空気動工具<br>Pneumatic tools  | 台<br>(n)         | 98,706           | 1,928,456                         | 96,406           | 2,063,767                         | 80,314            |
| <b>作業工具<br/>Machinist hand tools</b>  | <b>個<br/>(n)</b> | <b>7,328,570</b> | <b>3,293,568</b>                  | <b>7,880,992</b> | <b>3,790,900</b>                  | <b>9,901,041</b>  |
| レンチ・スパナ<br>Wrenches, spanners   | 個<br>(n)         | 2,962,357        | 931,260                           | 3,093,710        | 1,106,166                         | 5,829,411         |
| プライヤ・ペンチ(ニッパ等を含む)<br>Pliers, cutting pliers<br>(including cutting nippers)    | 個<br>(n)         | 585,772          | 395,206                           | 644,746          | 454,930                           | 820,771           |
| ドライバ(硬鋼線使用のものに限る)<br>Screwdrivers (only those used<br>hard drawn steel wires) | 個<br>(n)         | 3,282,151        | 357,586                           | 3,443,926        | 378,223                           | 1,649,939         |
| その他の作業工具<br>Other machinist hand tools  | 個<br>(n)         | 498,290          | 1,609,516                         | 698,610          | 1,851,581                         | 1,600,920         |
| のこ刃<br>Saw blades   | kg               | 146,673          | 786,604                           | 147,482          | 771,916                           | 67,822            |
| <b>機械刃物<br/>Knives for industry (machines)</b>                                | <b>kg</b>        | <b>747,449</b>   | <b>1,855,115</b>                  | <b>684,552</b>   | <b>2,139,523</b>                  | <b>694,395</b>    |
| 鋼板せん断用刃物(シャープブレード)<br>Shear blades  | kg               | 57,418           | 169,846                           | 53,788           | 152,052                           | 55,790            |
| 合板機械用・木工機械用刃物<br>Knives for veneer machinery,<br>for wood-working machinery   | kg               | 239,202          | 533,133                           | 219,765          | 520,530                           | 230,599           |
| その他の機械刃物<br>Other knives for industry (machines)                              | kg               | 450,829          | 1,152,136                         | 410,999          | 1,466,941                         | 408,006           |

## (5) ガス機器、石油機器及び太陽熱温水器

Gas and oil equipment for cooking, boiling and heating and solar water heaters

(単位:台) (Unit: n)

| 品 目<br>Commodity  | 生 産<br>Production |                                   | 受 入<br>Receipt | 出 荷 Shipments   |                                   |                 | 月末在庫<br>Inventory |
|---|-------------------|-----------------------------------|----------------|-----------------|-----------------------------------|-----------------|-------------------|
|   | 数 量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                | 販 売 Sales       |                                   | そ の 他<br>Others |                   |
|   |                   |                                   |                | 数 量<br>Quantity | 金額(百万円)<br>Value<br>(million yen) |                 |                   |
| <b>ガス機器</b><br>Gas appliances   | <b>661,336</b>    | <b>29,418</b>                     | <b>158,828</b> | <b>632,847</b>  | <b>23,544</b>                     | <b>117,706</b>  | <b>836,685</b>    |
| ガスこんろ(液化石油ガスこんろ、普通鋳物製七輪を除く)<br>Gas cooking appliances(except gas cartridge stoves<br>and portable metal casting cooking stoves) | 265,719           | 6,214                             | 48,976         | 289,208         | 6,169                             | 17,841          | 400,889           |
| <b>ガス湯沸器</b><br>Gas-fired water heaters   | <b>204,410</b>    | <b>6,645</b>                      | <b>88,543</b>  | <b>195,549</b>  | <b>6,980</b>                      | <b>80,690</b>   | <b>182,263</b>    |
| 瞬間形(元止式(給湯配管の出来ないもの))<br>Instantaneous type (main stop system)  | 26,777            | 331                               | 15,160         | 16,125          | 239                               | 15,320          | 38,715            |
| 瞬間形(先止式(給湯配管の出来るもの))・貯湯形<br>Instantaneous type (end stop system), storage type  | 177,633           | 6,314                             | 73,383         | 179,424         | 6,741                             | 65,370          | 143,548           |
| ガス温水給湯暖房機<br>Gas-fired water heaters and space heaters  | 30,923            | 4,180                             | 4,623          | 29,853          | 3,464                             | 2,454           | 33,280            |
| ガス風呂がま(バーナ付の一体のものを含む)<br>Gas bath boilers(including gas bath boilers with burners)  | 107,727           | 11,167                            | 15,514         | 97,531          | 6,249                             | 15,363          | 138,676           |
| ガストーブ(排気筒のないもの)<br>Gas space heaters(without exhaust pipes)   | x                 | x                                 | x              | x               | x                                 | x               | x                 |
| ガス温風暖房機(暖房方式が強制対流のもの)<br>Gas heaters with circulating fan   | x                 | x                                 | x              | x               | x                                 | x               | x                 |
| <b>石油機器</b><br>Oil appliances   | <b>352,971</b>    | <b>8,313</b>                      | <b>45,482</b>  | <b>106,145</b>  | <b>4,132</b>                      | <b>44,860</b>   | <b>1,582,957</b>  |
| <b>石油ストーブ</b><br>Oil-burning space heaters  | <b>304,530</b>    | <b>3,609</b>                      | <b>38,127</b>  | <b>68,180</b>   | <b>764</b>                        | <b>38,123</b>   | <b>1,471,005</b>  |
| しん式(排気筒のないもの)<br>Wick type(without exhaust pipes)   | x                 | x                                 | x              | x               | x                                 | x               | x                 |
| 気化式(排気筒のないもの)<br>Vaporizing type(without exhaust pipes)   | x                 | x                                 | x              | x               | x                                 | x               | x                 |
| 石油温風暖房機(強制給排気・排気式)<br>Oil-burning warm air furnaces (forced intake, exhaust type)   | 18,503            | 1,524                             | 782            | 11,458          | 996                               | 789             | 66,218            |
| <b>石油温水給湯暖房機</b><br>Oil-burning water heaters and space heaters   | <b>29,938</b>     | <b>3,180</b>                      | <b>6,573</b>   | <b>26,507</b>   | <b>2,372</b>                      | <b>5,948</b>    | <b>45,734</b>     |
| 石油小形給湯機<br>Oil-burning water heaters for residential use  | 19,242            | 1,649                             | 3,220          | 15,298          | 1,258                             | 5,775           | 28,139            |
| 石油温水給湯機<br>Oil-burning water heaters  | 10,696            | 1,531                             | 3,353          | 11,209          | 1,114                             | 173             | 17,595            |
| 太陽熱温水器<br>Solar water heaters   | 730               | 58                                | 768            | 1,635           | 109                               | 34              | 4,144             |

## (6) 粉末や金製品(超硬チップを除く)

Sintered products (except cemented carbide tips)

(単位: kg)

(Unit: kg)

| 品目・用途別<br>By commodity, use   | 生産<br>Production  |                                   |
|---|-------------------|-----------------------------------|
|   | 数量<br>Quantity    | 金額(千円)<br>Value<br>(thousand yen) |
| <b>粉末や金製品(超硬チップを除く)</b><br>Sintered products (except cemented carbide tips)   | <b>12,169,136</b> | <b>23,810,020</b>                 |
| <b>機械材料</b><br>Machine materials  | <b>8,206,876</b>  | <b>12,525,346</b>                 |
| <b>軸受合金</b><br>Bearings   | <b>594,220</b>    | <b>1,579,731</b>                  |
| 輸送機械用<br>For transport equipment  | 391,887           | 1,073,334                         |
| その他の軸受合金<br>For others  | 202,333           | 506,397                           |
| <b>機械部品</b><br>Machine parts  | <b>7,547,709</b>  | <b>10,422,604</b>                 |
| 輸送機械用<br>For transport equipment  | 7,081,279         | 9,266,554                         |
| その他の機械部品<br>For others  | 466,430           | 1,156,050                         |
| 摩擦材料<br>Friction materials  | 64,947            | 523,011                           |
| 電気接点<br>Sintered electric contact materials                                   | 5,396             | 365,810                           |
| <b>磁性材料</b><br>Magnetic materials   | <b>3,849,591</b>  | <b>9,052,952</b>                  |
| 硬質<br>Hard magnetic materials   | 2,652,197         | 7,365,369                         |
| 軟質<br>Soft magnetic materials   | 1,197,394         | 1,687,583                         |
| その他の粉末や金製品(超硬チップを除く)<br>Other sintered products(except cemented carbide tips) | 107,273           | 1,865,912                         |

## (7) 鍛工品

## Forgings from billets and bars

| 品目・用途別<br>By commodity, use  | 単位<br>Unit | 生産<br>Production |                                   | 消費<br>Consumption |
|--|------------|------------------|-----------------------------------|-------------------|
|  |            | 数量<br>Quantity   | 金額(千円)<br>Value<br>(thousand yen) |                   |
| <b>鍛工品</b><br>Forgings from billets and bars                                     | t          | <b>219,132</b>   | <b>57,565,642</b>                 | <b>27,286</b>     |
| <b>鉄系</b><br>Ferrous forgings  | t          | <b>215,105</b>   | <b>53,266,498</b>                 | x                 |
| <b>熱間鍛造品</b><br>Hot forgings   | t          | <b>204,791</b>   | <b>50,506,576</b>                 | ...               |
| <b>型鍛造品</b><br>Closed die forgings   | t          | <b>169,522</b>   | <b>42,780,017</b>                 | ...               |
| 産業機械・土木建設機械用<br>For industrial machinery, engineering and construction machinery | t          | 19,577           | 5,478,235                         | ...               |
| 自動車用<br>For automobiles  | t          | 138,306          | 33,187,592                        | ...               |
| その他用の型鍛造品<br>For others  | t          | 11,639           | 4,114,190                         | ...               |
| <b>自由鍛造品</b><br>Open die forgings  | t          | <b>10,045</b>    | <b>2,838,774</b>                  | ...               |
| 産業機械・土木建設機械用<br>For industrial machinery, engineering and construction machinery | t          | 3,822            | 953,718                           | ...               |
| 輸送機械用<br>For transport equipment   | t          | 1,806            | 433,262                           | ...               |
| その他用の自由鍛造品<br>For others   | t          | 4,417            | 1,451,794                         | ...               |
| <b>リングロール品</b><br>Ring rolling   | t          | <b>25,224</b>    | <b>4,887,785</b>                  | ...               |
| 産業機械・土木建設機械用<br>For industrial machinery, engineering and construction machinery | t          | 12,357           | 2,201,074                         | ...               |
| 自動車用<br>For automobiles  | t          | 7,378            | 1,463,429                         | ...               |
| その他用のリングロール品<br>For others   | t          | 5,489            | 1,223,282                         | ...               |
| <b>冷間鍛造品</b><br>Cold forgings  | t          | <b>10,314</b>    | <b>2,759,922</b>                  | ...               |
| 自動車用<br>For automobiles  | t          | 9,857            | 2,631,054                         | ...               |
| その他用の冷間鍛造品<br>For others   | t          | 457              | 128,868                           | ...               |
| <b>アルミニウム系</b><br>Aluminum forgings  | kg         | <b>4,026,801</b> | <b>4,299,144</b>                  | x                 |
| 自動車用<br>For automobiles  | kg         | <b>2,831,002</b> | <b>2,436,641</b>                  | ...               |
| その他用<br>For others   | kg         | <b>1,195,799</b> | <b>1,862,503</b>                  | ...               |
| <b>熱間鍛造品</b><br>Hot forgings   | kg         | <b>2,693,451</b> | <b>3,217,836</b>                  | ...               |
| 自動車用<br>For automobiles  | kg         | 2,099,474        | 1,806,793                         | ...               |
| その他用の熱間鍛造品<br>For others   | kg         | 593,977          | 1,411,043                         | ...               |
| <b>冷間鍛造品</b><br>Cold forgings  | kg         | <b>1,333,350</b> | <b>1,081,308</b>                  | ...               |
| 自動車用<br>For automobiles  | kg         | 731,528          | 629,848                           | ...               |
| その他用の冷間鍛造品<br>For others   | kg         | 601,822          | 451,460                           | ...               |

## (8) 銑鉄鋳物

| Iron castings  |                  | (単位:t) (Unit: t)                  |                   |                |                   |
|--|------------------|-----------------------------------|-------------------|----------------|-------------------|
| 品目・用途別<br>By commodity, use  | 生産<br>Production |                                   | 消費<br>Consumption | 販売<br>Sales    | 月末在庫<br>Inventory |
|  | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                   |                |                   |
| <b>銑鉄鋳物</b><br>Iron castings   | <b>300,968</b>   | <b>62,896</b>                     | <b>96,710</b>     | <b>204,991</b> | <b>96,773</b>     |
| <b>銑鉄鋳物(球状黒鉛鋳鉄を除く)</b><br>Iron castings (except ductile iron castings) | <b>177,892</b>   | <b>34,127</b>                     | <b>63,047</b>     | <b>113,696</b> | <b>55,640</b>     |
| <b>一般・電気機械用</b><br>For general, electrical machinery                   | <b>46,623</b>    | <b>11,567</b>                     | ...               | ...            | ...               |
| 産業機械器具用<br>For industrial machine parts                                | 19,747           | 4,740                             | ...               | ...            | ...               |
| 金属工作・加工機械用<br>For metal cutting, forming machinery                     | 9,120            | 1,883                             | ...               | ...            | ...               |
| その他の一般・電気機械用<br>For others   | 17,756           | 4,944                             | ...               | ...            | ...               |
| <b>輸送機械用</b><br>For transport equipment                                | <b>126,257</b>   | <b>21,076</b>                     | ...               | ...            | ...               |
| 自動車用<br>For automobiles  | 115,269          | 18,680                            | ...               | ...            | ...               |
| その他の輸送機械用<br>For others  | 10,988           | 2,396                             | ...               | ...            | ...               |
| その他用の銑鉄鋳物<br>For others  | 5,012            | 1,484                             | ...               | ...            | ...               |
| <b>球状黒鉛鋳鉄</b><br>Ductile iron castings                                 | <b>123,076</b>   | <b>28,769</b>                     | <b>33,663</b>     | <b>91,295</b>  | <b>41,133</b>     |
| <b>一般・電気機械用</b><br>For general, electrical machinery                   | <b>34,236</b>    | <b>9,071</b>                      | ...               | ...            | ...               |
| 産業機械器具用<br>For industrial machine parts                                | 22,894           | 5,833                             | ...               | ...            | ...               |
| 金属工作・加工機械用<br>For metal cutting, forming machinery                     | 1,301            | 290                               | ...               | ...            | ...               |
| その他の一般・電気機械用<br>For others   | 10,041           | 2,948                             | ...               | ...            | ...               |
| <b>輸送機械用</b><br>For transport equipment                                | <b>80,501</b>    | <b>17,206</b>                     | ...               | ...            | ...               |
| 自動車用<br>For automobiles  | 76,221           | 16,157                            | ...               | ...            | ...               |
| その他の輸送機械用<br>For others  | 4,280            | 1,049                             | ...               | ...            | ...               |
| その他用の球状黒鉛鋳鉄<br>For others  | 8,339            | 2,492                             | ...               | ...            | ...               |

## (9) 可鍛鉄及び精密鑄造品

Malleable iron castings and precision castings

## ① 製品

Products

| 品目・用途別<br>By commodity, use               | 単位<br>Unit | 生産<br>Production |                                   | 消費<br>Consumption |
|---|------------|------------------|-----------------------------------|-------------------|
|   |            | 数量<br>Quantity   | 金額(千円)<br>Value<br>(thousand yen) |                   |
| 可鍛鉄<br>Malleable iron castings            | t          | 3,008            | 1,211,918                         | 2,982             |
| <b>精密鑄造品</b><br><b>Precision castings</b> | <b>kg</b>  | <b>433,932</b>   | <b>4,247,099</b>                  | <b>33,642</b>     |
| ガスタービン用<br>For gas turbines               | kg         | 53,495           | 1,456,179                         | ...               |
| 一般機械用<br>For general machinery            | kg         | 64,307           | 457,595                           | ...               |
| 自動車用<br>For automobiles                   | kg         | 294,441          | 1,934,751                         | ...               |
| 航空機・武器用<br>For aircraft, weapons          | kg         | 4,764            | 166,278                           | ...               |
| その他の精密鑄造品<br>For others                   | kg         | 16,925           | 232,296                           | ...               |

## ② 材質別生産内訳

By material

(単位: kg)

(Unit: kg)

| 材質別<br>By material                        | 生産<br>Production |
|---|------------------|
| <b>精密鑄造品</b><br><b>Precision castings</b> | <b>433,932</b>   |
| 鑄鉄<br>Cast iron                           | x                |
| 合金鋼・炭素鋼<br>Alloy steel, carbon steel      | 356,284          |
| アルミニウム合金<br>Aluminum alloy                | x                |
| その他の非鉄合金<br>Other non-ferrous alloys      | 71,605           |

## (10) 非鉄金属鋳物

## Non-ferrous metal castings

(単位:kg)

(Unit: kg)

| 品目・用途別<br>By commodity, use  | 生産<br>Production  |                                   | 消費<br>Consumption |
|--|-------------------|-----------------------------------|-------------------|
|  | 数量<br>Quantity    | 金額(千円)<br>Value<br>(thousand yen) |                   |
| <b>銅・銅合金鋳物</b><br>Copper, copper alloy castings                        | <b>6,313,149</b>  | <b>8,094,940</b>                  | <b>1,666,551</b>  |
| <b>一般機械用</b><br>For general machinery                                  | <b>4,356,435</b>  | <b>5,430,429</b>                  | ...               |
| 産業機械器具用<br>For industrial machinery                                    | 1,071,023         | 1,591,647                         | ...               |
| 軸受メタル用<br>For bearing metal  | 910,303           | 1,124,840                         | ...               |
| バルブコック用(管継手用を含む)<br>For valves and cocks (including for pipe fittings) | 2,375,109         | 2,713,942                         | ...               |
| 輸送機械用<br>For transport equipment                                       | 1,331,499         | 1,795,839                         | ...               |
| その他用の銅・銅合金鋳物<br>For others   | 625,215           | 868,672                           | ...               |
| <b>アルミニウム鋳物</b><br>Aluminum alloy castings                             | <b>39,602,375</b> | <b>27,162,025</b>                 | <b>23,648,614</b> |
| 一般機械用<br>For general machinery   | 723,917           | 923,587                           | ...               |
| <b>輸送機械用</b><br>For transport equipment                                | <b>38,006,150</b> | <b>25,340,142</b>                 | ...               |
| 自動車用<br>For automobiles  | 37,185,177        | 24,165,397                        | ...               |
| その他の輸送機械用<br>For others  | 820,973           | 1,174,745                         | ...               |
| その他用のアルミニウム鋳物<br>For others  | 872,308           | 898,296                           | ...               |

## (11) ダイカスト

## Die castings

(単位:kg)

(Unit: kg)

| 品目・用途別<br>By commodity, use                  | 生産<br>Production  |                                   | 消費<br>Consumption |
|--|-------------------|-----------------------------------|-------------------|
|  | 数量<br>Quantity    | 金額(千円)<br>Value<br>(thousand yen) |                   |
| <b>ダイカスト</b><br>Die castings                 | <b>93,324,386</b> | <b>55,816,660</b>                 | <b>28,059,380</b> |
| <b>アルミニウム</b><br>Aluminum alloy die castings | <b>91,330,988</b> | <b>53,119,662</b>                 | <b>27,381,708</b> |
| 一般機械用<br>For general machinery               | 2,614,376         | 2,260,003                         | ...               |
| 電気機械用<br>For electrical machinery            | 1,606,396         | 1,881,956                         | ...               |
| 自動車用<br>For automobiles                      | 81,538,383        | 45,054,418                        | ...               |
| 二輪自動車用<br>For motorcycles                    | 2,304,518         | 1,545,472                         | ...               |
| その他用のアルミニウム<br>For others                    | 3,267,315         | 2,377,813                         | ...               |
| <b>亜鉛</b><br>Zinc alloy die castings         | <b>1,664,866</b>  | <b>2,390,926</b>                  | <b>677,672</b>    |
| 自動車用<br>For automobiles                      | 863,914           | 1,540,878                         | ...               |
| その他用の亜鉛<br>For others                        | 800,952           | 850,048                           | ...               |
| その他<br>Other die castings                    | 328,532           | 306,072                           | ...               |



4. はん用・生産用・業務用機械 General-purpose, production and business oriented machinery  
 (1) ボイラ及び原動機(自動車用、二輪自動車用、鉄道車両用及び航空機用のものを除く)  
 Boilers and power units (except engines for motor vehicles, motor cycles, railroad cars and aircraft)

| 品目<br>Commodity   | 容量単位<br>Capacity<br>Unit | 生産<br>Production         |                |                                   | 受入<br>Receipts           | 消費<br>Consumption        |
|---|--------------------------|--------------------------|----------------|-----------------------------------|--------------------------|--------------------------|
|   |                          | 数量(台)<br>Quantity<br>(n) | 容量<br>Capacity | 金額(百万円)<br>Value<br>(million yen) | 数量(台)<br>Quantity<br>(n) | 数量(台)<br>Quantity<br>(n) |
| ボイラ及び原動機(自動車用、二輪自動車用、<br>鉄道車両用及び航空機用のものを除く) ☆<br>Boilers and power units (except engines for motor vehicles, motor<br>cycles, railroad cars and aircraft) |                          |                          |                | 162,598                           |                          |                          |
| 内燃機関<br>Internal combustion engines   | PS                       | 331,599                  | 9,735,384      | 75,374                            |                          |                          |
| はん用内燃機関<br>Internal combustion engines for industry   | PS                       | 330,568                  | 8,599,054      | 54,578                            | 10,665                   | 64,800                   |
| ガソリン機関<br>Gasoline engines  | PS                       | 191,806                  | 1,829,337      | 11,457                            | 10,663                   | 42,684                   |
| 3PS未満<br>Less than 3PS  | PS                       | 83,971                   | 106,743        | 1,788                             | 9,554                    | 29,091                   |
| 2サイクル<br>Two stroke-cycle gasoline engines  | PS                       | 81,194                   | 100,861        | 1,724                             | 9,174                    | 28,409                   |
| 4サイクル<br>Four stroke-cycle gasoline engines   | PS                       | 2,777                    | 5,882          | 64                                | 380                      | 682                      |
| 3PS以上<br>Greater than or equal to 3PS   | PS                       | 107,835                  | 1,722,594      | 9,669                             | 1,109                    | 13,593                   |
| 2サイクル<br>Two stroke-cycle gasoline engines  | PS                       | 18,335                   | 402,640        | 1,949                             | -                        | 1,548                    |
| 4サイクル<br>Four stroke-cycle gasoline engines   | PS                       | 89,500                   | 1,319,954      | 7,720                             | 1,109                    | 12,045                   |
| ディーゼル機関<br>Diesel engines   | PS                       | 138,762                  | 6,769,717      | 43,121                            | 2                        | 22,116                   |
| 30PS未満<br>Less than 30PS  | PS                       | 62,284                   | 1,190,246      | 9,336                             | 2                        | 6,403                    |
| 30PS以上100PS未満<br>Greater than or equal to 30PS and less than 100PS  | PS                       | 65,804                   | 3,382,239      | 21,272                            | -                        | 12,341                   |
| 100PS以上500PS未満<br>Greater than or equal to 100PS and less than 500PS  | PS                       | 10,107                   | 1,561,571      | 8,414                             | -                        | 3,094                    |
| 500PS以上<br>Greater than or equal to 500PS   | PS                       | 567                      | 635,661        | 4,099                             | -                        | 278                      |
| 船用ディーゼル機関<br>Diesel engines for marine  | PS                       | 1,031                    | 1,136,330      | 20,796                            | ...                      | ...                      |
| ボイラ<br>Boilers  |                          |                          |                | 68,979                            |                          |                          |
| 一般用ボイラ<br>Boilers for industry  | t/h                      | 651                      | 6,032          | 55,415                            |                          |                          |
| 水管ボイラ<br>Water tube boilers   | t/h                      | 615                      | 6,002          | 55,300                            |                          |                          |
| 2t/h未満<br>Less than 2t/h  | t/h                      | 424                      | 185            | 363                               |                          |                          |
| 2t/h以上35t/h未満<br>Greater than or equal to 2t/h and less than 35t/h  | t/h                      | 189                      | 587            | 1,157                             |                          |                          |
| 35t/h以上490t/h未満<br>Greater than or equal to 35t/h and less than 490t/h  | t/h                      | -                        | -              | -                                 |                          |                          |
| 490t/h以上<br>Greater than or equal to 490t/h   | t/h                      | 2                        | 5,230          | 53,780                            |                          |                          |
| その他の一般用ボイラ<br>(煙管ボイラ、鑄鉄製ボイラ、丸ボイラ等)<br>Other boilers for industry<br>(smoke tube boilers, cast iron boilers, cylindrical boilers)                          | t/h                      | 36                       | 30             | 115                               |                          |                          |
| 船用ボイラ<br>Marine boilers   | t/h                      | 16                       | 75             | 189                               |                          |                          |
| ボイラの部品・付属品(自己消費を除く)<br>Parts and accessories for boilers (except self-consumption)  |                          | ...                      | ...            | 13,375                            |                          |                          |
| タービン<br>Turbines  |                          |                          |                | 18,245                            |                          |                          |
| 蒸気タービン<br>Steam turbines  |                          |                          |                | 13,639                            |                          |                          |
| 一般用蒸気タービン<br>Steam turbines for industry  | kW                       | 19                       | 601,231        | 7,170                             |                          |                          |
| 船用蒸気タービン<br>Steam turbines for marine   | kW                       | x                        | x              | x                                 |                          |                          |
| 蒸気タービンの部品・付属品(自己消費を除く)<br>Parts and accessories for steam turbines (except self-consumption)  |                          | ...                      | ...            | x                                 |                          |                          |
| ガスタービン<br>Gas turbines  | kW                       | 10                       | 355,890        | 4,606                             |                          |                          |

| 出荷 Shipments       |             |                             |                    | 月末在庫 Inventory     |             | 容量単位 Capacity Unit | 品目 Commodity   |
|--------------------|-------------|-----------------------------|--------------------|--------------------|-------------|--------------------|--|
| 販売 Sales           |             |                             | その他 Others         |                    |             |                    |  |
| 数量(台) Quantity (n) | 容量 Capacity | 金額(百万円) Value (million yen) | 数量(台) Quantity (n) | 数量(台) Quantity (n) | 容量 Capacity |                    |  |
| 274,222            | 5,858,491   | 37,431                      | 107                | 140,377            | 2,631,028   | PS                 | ボイラ及び原動機(自動車用、二輪自動車用、鉄道車両用及び航空機用のものを除く)<br>Boilers and power units (except engines for motor vehicles, motor cycles, railroad cars and aircraft) |
| 169,411            | 1,252,573   | 7,291                       | 96                 | 93,937             | 378,208     | PS                 | 内燃機関<br>Internal combustion engines  |
| 74,475             | 100,099     | 1,583                       | 43                 | 69,416             | 96,626      | PS                 | はん用内燃機関<br>Internal combustion engines for industry  |
| 71,987             | 94,628      | 1,523                       | 43                 | 66,534             | 91,246      | PS                 | ガソリン機関<br>Gasoline engines   |
| 2,488              | 5,471       | 60                          | -                  | 2,882              | 5,380       | PS                 | 3PS未満<br>Less than 3PS   |
| 94,936             | 1,152,474   | 5,708                       | 53                 | 24,521             | 281,582     | PS                 | 2サイクル<br>Two stroke-cycle gasoline engines   |
| 16,773             | 390,550     | 1,887                       | 9                  | 2,052              | 12,342      | PS                 | 4サイクル<br>Four stroke-cycle gasoline engines  |
| 78,163             | 761,924     | 3,821                       | 44                 | 22,469             | 269,240     | PS                 | 3PS以上<br>Greater than or equal to 3PS  |
| 104,811            | 4,605,918   | 30,140                      | 11                 | 46,440             | 2,252,820   | PS                 | 2サイクル<br>Two stroke-cycle gasoline engines   |
| 51,372             | 970,228     | 7,667                       | 6                  | 17,591             | 347,058     | PS                 | 4サイクル<br>Four stroke-cycle gasoline engines  |
| 46,333             | 2,294,305   | 14,307                      | 3                  | 25,797             | 1,334,504   | PS                 | ディーゼル機関<br>Diesel engines  |
| 6,813              | 956,254     | 5,148                       | 2                  | 2,931              | 356,543     | PS                 | 30PS未満<br>Less than 30PS   |
| 293                | 385,131     | 3,018                       | -                  | 121                | 214,715     | PS                 | 30PS以上100PS未満<br>Greater than or equal to 30PS and less than 100PS   |
| ...                | ...         | ...                         | ...                | ...                | ...         | PS                 | 100PS以上500PS未満<br>Greater than or equal to 100PS and less than 500PS   |
|                    |             |                             |                    |                    |             | PS                 | 500PS以上<br>Greater than or equal to 500PS  |
|                    |             |                             |                    |                    |             | PS                 | 船用ディーゼル機関<br>Diesel engines for marine   |

## 生産内訳及び月間進ちよく量

The item of production and amount of progress

| 品目<br>Commodity                          | 項目<br>Items  | 容量単位<br>Capacity Unit | 生産 Production         |                |
|--|--|-----------------------|-----------------------|----------------|
|  |  |                       | 数量(台)<br>Quantity (n) | 容量<br>Capacity |
| 水管ボイラ<br>Water tube boilers              | 490t/h以上 800t/h未満<br>Greater than or equal to 490t/h and less than 800t/h      | t/h                   | -                     | -              |
|  | 800t/h以上<br>Greater than or equal to 800t/h                                    | t/h                   | 2                     | 5,230          |
|  | 800t/h以上の製品の進ちよく量の合計<br>Amount of progress (greater than or equal to 800t/h)   | t/h                   | 7                     | 1,128          |
| 一般用蒸気タービン<br>Steam turbines for industry | 25万kW未満<br>Less than 250,000kW   | kW                    | 19                    | 601,231        |
|  | 25万kW以上<br>Greater than or equal to 250,000kW                                  | kW                    | -                     | -              |
|  | 25万kW以上の製品の進ちよく量の合計<br>Amount of progress (greater than or equal to 250,000kW) | kW                    | 8                     | 327,718        |

## (2) 土木建設機械、鉱山機械及び破碎機

## Construction equipment, mining machinery and crushers

(単位:台) (Unit: n)

| 品目<br>Commodity  | 生産<br>Production |                                   | 受入<br>Receipts | 出荷 Shipments   |                                   |               | 月末在庫<br>Inventory |
|--|------------------|-----------------------------------|----------------|----------------|-----------------------------------|---------------|-------------------|
|  | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                | 販売 Sales       |                                   | その他<br>Others |                   |
|  |                  |                                   |                | 数量<br>Quantity | 金額(百万円)<br>Value<br>(million yen) |               |                   |
| <b>土木建設機械、鉱山機械及び破碎機</b><br>Construction equipment,<br>mining machinery and crushers                                      |                  | <b>140,032</b>                    |                |                |                                   |               |                   |
| <b>土木建設機械</b><br>Construction equipment  | <b>30,515</b>    | <b>138,150</b>                    | <b>69</b>      | <b>29,399</b>  | <b>132,275</b>                    | <b>245</b>    | <b>28,475</b>     |
| 装軌式トラクタ(ブルドーザに限る)<br>Crawler tractors (only bulldozer)   | x                | x                                 | x              | x              | x                                 | x             | x                 |
| <b>建設用クレーン</b><br>Construction cranes  | <b>313</b>       | <b>15,157</b>                     | <b>-</b>       | <b>286</b>     | <b>15,533</b>                     | <b>-</b>      | <b>793</b>        |
| トラッククレーン・ラフテレンクレーン<br>Truck cranes and rough terrain cranes  | 245              | 9,616                             | -              | 208            | 7,848                             | -             | 732               |
| クローラクレーン<br>Crawler cranes   | 68               | 5,541                             | -              | 78             | 7,685                             | -             | 61                |
| <b>掘削機械</b><br>Excavators  | <b>15,447</b>    | <b>105,922</b>                    | <b>69</b>      | <b>14,474</b>  | <b>98,951</b>                     | <b>244</b>    | <b>8,048</b>      |
| ショベル系(油圧式)<br>Shovel type excavators (hydraulic type)  | <b>15,440</b>    | <b>103,130</b>                    | <b>69</b>      | <b>14,467</b>  | <b>96,159</b>                     | <b>244</b>    | <b>8,048</b>      |
| 0. 2m <sup>3</sup> 未満<br>Less than 0.2m <sup>3</sup>   | 9,115            | 27,713                            | 69             | 8,699          | 27,790                            | 126           | 5,061             |
| 0. 2m <sup>3</sup> 以上0. 6m <sup>3</sup> 未満<br>Greater than or equal to 0.2m <sup>3</sup> and less than 0.6m <sup>3</sup> | 3,669            | 25,475                            | -              | 3,314          | 23,725                            | 117           | 1,354             |
| 0. 6m <sup>3</sup> 以上<br>Greater than or equal to 0.6m <sup>3</sup>  | 2,656            | 49,942                            | -              | 2,454          | 44,644                            | 1             | 1,633             |
| トンネル掘進機<br>Tunnel boring machines  | 7                | 2,792                             | -              | 7              | 2,792                             | -             | -                 |
| <b>整地機械</b><br>Earth finishing machinery   | <b>5,873</b>     | <b>2,826</b>                      | <b>-</b>       | <b>5,655</b>   | <b>2,655</b>                      | <b>-</b>      | <b>8,359</b>      |
| ローラ<br>Rollers   | 429              | 1,298                             | -              | 337            | 994                               | -             | 884               |
| 平板式締め固め機械<br>Plate type compactors   | 5,444            | 1,528                             | -              | 5,318          | 1,661                             | -             | 7,475             |
| アスファルト舗装機械<br>Asphalt paving machines  | 17               | 251                               | -              | 21             | 357                               | -             | 31                |
| コンクリート機械<br>Concrete machinery   | 7,302            | 1,375                             | -              | 7,416          | 1,366                             | -             | 10,811            |
| 基礎工事用機械(ベースマシンを除く)<br>Foundation works equipment (except base machines)  | 126              | 2,396                             | -              | 138            | 3,547                             | -             | 55                |
| 高所作業車<br>Lift cars   | x                | x                                 | x              | x              | x                                 | x             | x                 |
| 破碎解体機<br>Destructive equipment   | 416              | 825                               | -              | 416            | 829                               | -             | 4                 |
| 鉱山機械(せん孔機・さく岩機)<br>Mining machinery (drilling and boring machines and rock drills)                                       | 1,500            | 1,454                             | ...            | ...            | ...                               | ...           | ...               |
| 破碎機<br>Crushers  | 11               | 428                               | ...            | ...            | ...                               | ...           | ...               |

## (3) 化学機械及び貯蔵槽

## Chemical machinery and storage tanks

| 品目<br>Commodity  | 数量<br>単位<br>Quantity<br>Unit | 生産 Production  |                          |                                   | 品目<br>Commodity                                 | 数量<br>単位<br>Quantity<br>Unit | 生産 Production  |                          |                                   |
|--|------------------------------|----------------|--------------------------|-----------------------------------|---|------------------------------|----------------|--------------------------|-----------------------------------|
|  |                              | 数量<br>Quantity | 重量(kg)<br>Weight<br>(kg) | 金額(千円)<br>Value<br>(thousand yen) |   |                              | 数量<br>Quantity | 重量(kg)<br>Weight<br>(kg) | 金額(千円)<br>Value<br>(thousand yen) |
| <b>化学機械及び貯蔵槽</b><br>Chemical machinery and storage tanks |                              |                | <b>5,323,847</b>         | <b>11,426,572</b>                 |   |                              |                |                          |                                   |
| <b>化学機械</b><br>Chemical machinery                        | 台<br>(n)                     | <b>4,720</b>   | <b>4,622,232</b>         | <b>10,634,433</b>                 | 混合機、かくはん機及び粉砕機<br>Blenders, mixers and crushers | 台<br>(n)                     | 453            | 734,868                  | 2,215,157                         |
| ろ過機器<br>Filters  | 台<br>(n)                     | 106            | 301,718                  | 555,858                           | 反応用機器<br>Reaction vessels                       | 台<br>(n)                     | 33             | 415,073                  | 938,812                           |
| 分離機器<br>Separators                                       | 台<br>(n)                     | 416            | 299,049                  | 1,025,449                         | 塔槽機器<br>Tower and vessels                       | 台<br>(n)                     | 140            | 274,978                  | 604,822                           |
| 集じん機器<br>Dust collectors                                 | 台<br>(n)                     | 2,903          | 780,470                  | 1,491,191                         | 乾燥機器<br>Dryers                                  | 台<br>(n)                     | 168            | 329,054                  | 1,107,879                         |
| <b>熱交換器</b><br>Heat exchangers                           | 台<br>(n)                     | <b>501</b>     | <b>1,487,022</b>         | <b>2,695,265</b>                  | <b>貯蔵槽</b><br>Storage tanks                     | 基<br>(n)                     | <b>61</b>      | <b>701,615</b>           | <b>792,139</b>                    |
| とう(套)管式熱交換器<br>Shell and tube type heat exchangers       | 台<br>(n)                     | 129            | 315,627                  | 569,543                           | 固定式<br>Fixed roof type                          | 基<br>(n)                     | 36             | 207,199                  | 236,729                           |
| その他の熱交換器<br>Other heat exchangers                        | 台<br>(n)                     | 372            | 1,171,395                | 2,125,722                         | その他の貯蔵槽<br>Other storage tanks                  | 基<br>(n)                     | 25             | 494,416                  | 555,410                           |

## (4) 製紙機械、プラスチック加工機械、印刷・製版・製本及び紙工機械

## Paper making machines, plastic processing machinery, printing, plate making, bookbinding and paper converting machines

| 品目<br>Commodity   | 生産 Production            |                        |                                   | 品目<br>Commodity   | 生産 Production            |                        |                                   |
|---|--------------------------|------------------------|-----------------------------------|---|--------------------------|------------------------|-----------------------------------|
|   | 数量(台)<br>Quantity<br>(n) | 重量(t)<br>Weight<br>(t) | 金額(百万円)<br>Value<br>(million yen) |   | 数量(台)<br>Quantity<br>(n) | 重量(t)<br>Weight<br>(t) | 金額(百万円)<br>Value<br>(million yen) |
| <b>製紙機械、プラスチック加工機械、印刷・製版・製本及び紙工機械</b><br>Paper making machines, plastic processing machinery, printing, plate making, bookbinding and paper converting machines |                          |                        | x                                 |   |                          |                        |                                   |
| <b>製紙機械・プラスチック加工機械</b><br>Paper making machines and plastic processing machinery  |                          | x                      | x                                 | <b>印刷・製版・製本及び紙工機械</b><br>Printing, plate making, bookbinding and paper converting machines            |                          |                        | <b>16,557</b>                     |
| 製紙機械<br>Paper making machines   | x                        | x                      | x                                 | <b>印刷機械</b><br>Printing machines  | <b>1,808</b>             | <b>4,123</b>           | <b>13,255</b>                     |
| <b>プラスチック加工機械</b><br>Plastics processing machinery  | <b>1,415</b>             | <b>12,232</b>          | <b>17,065</b>                     | <b>平版印刷機</b><br>Platen press  | <b>79</b>                | <b>2,764</b>           | <b>7,559</b>                      |
| <b>射出成形機(手動式を除く)</b><br>Injection moulding machines (except non-automatic)  | <b>1,242</b>             | <b>11,350</b>          | <b>13,914</b>                     | 長巻式<br>Web-fed offset press   | 8                        | 830                    | 2,021                             |
| 型締力100t未満<br>Clamping force range less than 100t  | 437                      | 1,026                  | 2,764                             | 枚葉式<br>Sheet-fed offset press   | 71                       | 1,934                  | 5,538                             |
| 型締力100t以上200t未満<br>Clamping force range greater than or equal to 100t and less than 200t  | 450                      | 2,562                  | 4,093                             | おう版印刷機<br>Gravure press   | -                        | -                      | -                                 |
| 型締力200t以上500t未満<br>Clamping force range greater than or equal to 200t and less than 500t  | 287                      | 4,294                  | 3,813                             | 産業用デジタル印刷機(A3寸伸び以上)<br>Digital printing machine for industry use (greater than or equal to A3 format) | 1,635                    | 1,007                  | 3,703                             |
| 型締力500t以上<br>Clamping force range greater than or equal to 500t   | 68                       | 3,468                  | 3,244                             | その他の印刷機<br>Other printing machines  | 94                       | 352                    | 1,993                             |
| 押出成形機(本体)<br>Extruders  | 38                       | 301                    | 1,261                             | 製版機械<br>Plate making machines   | 73                       | ...                    | 493                               |
| 押出成形付属装置<br>Extrusion lines   | 85                       | 124                    | 595                               | 製本機械<br>Book binding machines   | 1,212                    | ...                    | 1,288                             |
| ブLOW成形機(中空成形機)<br>Blow moulding machines (hollow forming machines)  | 50                       | 457                    | 1,295                             | <b>紙工機械</b><br>Paper converting machines  | <b>29</b>                |                        | <b>1,521</b>                      |
|   |                          |                        |                                   | 段ボール製造用機械<br>Corrugated board making machines   | 6                        | ...                    | 67                                |
|   |                          |                        |                                   | その他の紙工機械(製ばこ機械を含む)<br>Other paper converting machinery (including carton box making machine)          | 23                       | ...                    | 1,454                             |

## (5) ポンプ、圧縮機及び送風機(自動車用、二輪自動車用及び航空機用のものを除く)

Pumps, compressors, fans and blowers (except engines for motor vehicles, motor cycles and aircraft)

| 品目<br>Commodity  | 生産<br>Production         |                          |                                   | 販売<br>Sales              |                          |                                   | 月末在庫<br>Inventory        |                          |
|--|--------------------------|--------------------------|-----------------------------------|--------------------------|--------------------------|-----------------------------------|--------------------------|--------------------------|
|  | 数量(台)<br>Quantity<br>(n) | 重量(kg)<br>Weight<br>(kg) | 金額(千円)<br>Value<br>(thousand yen) | 数量(台)<br>Quantity<br>(n) | 重量(kg)<br>Weight<br>(kg) | 金額(千円)<br>Value<br>(thousand yen) | 数量(台)<br>Quantity<br>(n) | 重量(kg)<br>Weight<br>(kg) |
| <b>ポンプ、圧縮機及び送風機</b><br>Pumps, compressors, fans and blowers                                |                          |                          | <b>39,051,808</b>                 |                          |                          | <b>41,571,791</b>                 |                          |                          |
| <b>ポンプ(手動式及び消防ポンプを除く)</b><br>Pumps (except hand operated type and fire engine pumps)       | <b>207,935</b>           | <b>7,456,827</b>         | <b>18,688,082</b>                 | <b>256,174</b>           | <b>8,297,134</b>         | <b>19,836,421</b>                 | <b>242,875</b>           | <b>6,116,479</b>         |
| <b>うず巻ポンプ(タービン形を含む)</b><br>Centrifugal pumps (including turbine type)                      | <b>33,882</b>            | <b>4,308,048</b>         | <b>7,979,317</b>                  | <b>36,014</b>            | <b>4,398,340</b>         | <b>8,130,124</b>                  | <b>49,352</b>            | <b>2,562,155</b>         |
| <b>単段式</b><br>Single stage centrifugal pumps   | 23,934                   | 2,377,453                | 3,996,191                         | 25,496                   | 2,399,746                | 4,142,266                         | 44,109                   | 1,856,617                |
| <b>多段式</b><br>Multi stage centrifugal pumps  | 9,948                    | 1,930,595                | 3,983,126                         | 10,518                   | 1,998,594                | 3,987,858                         | 5,243                    | 705,538                  |
| <b>軸・斜流ポンプ</b><br>Axial flow and diagonal flow pumps                                       | 24                       | 380,238                  | 1,211,754                         | 32                       | 406,519                  | 1,347,702                         | 4                        | 8,000                    |
| <b>回転ポンプ</b><br>Rotary pumps   | 31,220                   | 354,644                  | 891,090                           | 33,025                   | 409,460                  | 998,062                           | 6,325                    | 150,611                  |
| <b>耐しよく性ポンプ</b><br>Corrosion resisting pumps   | 72,892                   | 397,487                  | 4,462,743                         | 79,822                   | 422,588                  | 4,410,493                         | 44,023                   | 161,758                  |
| <b>水中ポンプ</b><br>Submersible pumps  | <b>41,152</b>            | <b>1,230,066</b>         | <b>2,214,968</b>                  | <b>76,966</b>            | <b>2,014,639</b>         | <b>3,112,520</b>                  | <b>110,704</b>           | <b>2,701,246</b>         |
| <b>汚水・土木用</b><br>Pumps for waste water and civil engineering use                           | 37,869                   | 995,261                  | 1,621,045                         | 73,604                   | 1,774,924                | 2,538,714                         | 106,848                  | 2,462,629                |
| <b>その他の水中ポンプ(清水用を含む)</b><br>Other submersible pumps (including pump for clean water)       | 3,283                    | 234,805                  | 593,923                           | 3,362                    | 239,715                  | 573,806                           | 3,856                    | 238,617                  |
| <b>その他のポンプ</b><br>Other pumps  | 28,765                   | 786,344                  | 1,928,210                         | 30,315                   | 645,588                  | 1,837,520                         | 32,467                   | 532,709                  |
| <b>真空ポンプ</b><br>Vacuum pumps   | 7,541                    | ...                      | 4,905,363                         | 7,618                    | ...                      | 5,457,483                         | 2,499                    | ...                      |
| <b>圧縮機</b><br>Compressors  | <b>22,431</b>            | <b>4,982,081</b>         | <b>12,589,226</b>                 | <b>21,626</b>            | <b>5,407,787</b>         | <b>13,208,084</b>                 | <b>14,788</b>            | <b>3,161,466</b>         |
| <b>往復圧縮機</b><br>Reciprocating compressors  | <b>18,837</b>            | <b>908,636</b>           | <b>1,119,401</b>                  | <b>17,816</b>            | <b>1,260,241</b>         | <b>1,685,688</b>                  | <b>12,182</b>            | <b>853,613</b>           |
| <b>可搬形</b><br>Movable type   | 17,814                   | 475,982                  | 729,845                           | 16,793                   | 459,462                  | 750,088                           | 11,784                   | 345,125                  |
| <b>定置形</b><br>Fixed type   | 1,023                    | 432,654                  | 389,556                           | 1,023                    | 800,779                  | 935,600                           | 398                      | 508,488                  |
| <b>回転圧縮機</b><br>Rotary compressors   | <b>3,522</b>             | <b>2,819,251</b>         | <b>5,063,214</b>                  | <b>3,738</b>             | <b>2,893,352</b>         | <b>5,115,785</b>                  | <b>2,606</b>             | <b>2,307,853</b>         |
| <b>可搬形</b><br>Movable type   | 1,577                    | 1,384,179                | 1,869,797                         | 1,616                    | 1,368,158                | 1,788,759                         | 1,508                    | 1,552,665                |
| <b>定置形</b><br>Fixed type   | 1,945                    | 1,435,072                | 3,193,417                         | 2,122                    | 1,525,194                | 3,327,026                         | 1,098                    | 755,188                  |
| <b>遠心・軸流圧縮機</b><br>Centrifugal type and axial flow type turbine compressors                | 72                       | 1,254,194                | 6,406,611                         | 72                       | 1,254,194                | 6,406,611                         | -                        | -                        |
| <b>送風機(排風機を含み、電気ブロワを除く)</b><br>Fans and blowers (including exhauster, except electro type) | <b>20,176</b>            | <b>1,763,058</b>         | <b>2,869,137</b>                  | <b>22,470</b>            | <b>1,821,228</b>         | <b>3,069,803</b>                  | <b>12,729</b>            | <b>1,039,679</b>         |
| <b>回転送風機</b><br>Rotary blowers   | 8,666                    | 482,391                  | 1,184,501                         | 8,602                    | 470,565                  | 1,150,381                         | 1,465                    | 330,518                  |
| <b>遠心送風機</b><br>Centrifugal type fans and blowers  | 9,991                    | 1,147,386                | 1,406,713                         | 11,668                   | 1,193,088                | 1,600,808                         | 10,147                   | 514,792                  |
| <b>軸流送風機</b><br>Axial flow type fans and blowers   | 1,519                    | 133,281                  | 277,923                           | 2,200                    | 157,575                  | 318,614                           | 1,117                    | 194,369                  |

## (6) 油圧機器及び空気圧機器(航空機用のものを除く)

Oil-hydraulic and pneumatic equipment (except for aircraft)

| 品目<br>Commodity  | 生産<br>Production                  |
|--|-----------------------------------|
|  | 金額(千円)<br>Value<br>(thousand yen) |
| <b>油圧機器及び空気圧機器</b><br>Oil-hydraulic and pneumatic equipment                  | <b>81,963,230</b>                 |
| <b>油圧機器</b><br>Oil-hydraulic equipment                                       | <b>39,989,358</b>                 |
| 油圧ポンプ(ユニット用を含む)<br>Oil-hydraulic pumps (including for unit)                  | 8,026,360                         |
| ギヤー形<br>Gear pumps   | 1,484,250                         |
| ピストン形<br>Piston pumps  | 6,038,950                         |
| その他の油圧ポンプ<br>Other oil-hydraulic pumps                                       | 503,160                           |
| 油圧モーター(ユニット用を含む)<br>Oil-hydraulic motors (including for unit)                | 9,268,556                         |
| 油圧シリンダ(ユニット用を含む)<br>Oil-hydraulic cylinders (including for unit)             | 8,827,073                         |
| 油圧バルブ(ユニット用を含む)<br>Oil-hydraulic valves (including for unit)                 | 9,966,074                         |
| その他の油圧機器(ユニット用を含む)<br>Other oil-hydraulic equipment<br>(including for unit)  | 1,258,722                         |
| 油圧ユニット<br>Oil-hydraulic power unit   | 2,642,573                         |
| <b>空気圧機器</b><br>Pneumatic equipment  | <b>41,973,872</b>                 |
| 空気圧シリンダ<br>Pneumatic cylinders   | 12,443,973                        |
| 空気圧バルブ<br>Pneumatic valves   | 13,041,594                        |
| 空気清浄化機器(エアドライアを含む)<br>Filter regulator lubricator (including for air dryers) | 1,447,780                         |
| その他の空気圧機器<br>Other pneumatic equipment                                       | 15,040,525                        |

## (7) 運搬機械及び産業用ロボット

Conveyance machines and industrial robots

| 品目<br>Commodity  | 生産<br>Production         |                        |                                   | 品目<br>Commodity  | 生産<br>Production         |                        |                                   |
|--|--------------------------|------------------------|-----------------------------------|--|--------------------------|------------------------|-----------------------------------|
|  | 数量(台)<br>Quantity<br>(n) | 重量(t)<br>Weight<br>(t) | 金額(百万円)<br>Value<br>(million yen) |  | 数量(台)<br>Quantity<br>(n) | 重量(t)<br>Weight<br>(t) | 金額(百万円)<br>Value<br>(million yen) |
| <b>運搬機械及び産業用ロボット</b><br>Conveyance machines and industrial robots  |                          |                        | <b>105,414</b>                    | <b>コンベヤ</b><br>Conveyors   | <b>36,527</b>            | <b>8,222</b>           | <b>10,487</b>                     |
| <b>運搬機械</b><br>Conveyance machines   |                          |                        | <b>49,692</b>                     | ベルトコンベヤ<br>Belt conveyors  | 7,838                    | 696                    | 2,019                             |
| クレーン<br>Cranes   | 2,080                    | 8,487                  | 7,947                             | チェーンコンベヤ<br>Chain conveyors                                      | 2,676                    | 2,087                  | 3,564                             |
| 天井走行クレーン<br>Overhead traveling cranes  | 454                      | 1,501                  | 1,765                             | ローラーコンベヤ<br>Roller conveyors                                     | 23,098                   | 1,843                  | 1,555                             |
| ジブクレーン(水平引込、塔型を含み、<br>脚部の橋形を除く)<br>Jib cranes (including level luffing and tower<br>crane and except bridge type cranes) | 19                       | 1,498                  | 1,268                             | その他のコンベヤ<br>Other conveyors                                      | 2,915                    | 3,596                  | 3,349                             |
| 橋形クレーン<br>Portal bridge cranes   | 60                       | 2,945                  | 1,479                             | エレベーター(自動車用エレベータを除く) (式)<br>Elevators (except car elevators) (n) | 2,515                    | 20,779                 | 18,876                            |
| 車両搭載形クレーン<br>Truck loading cranes  | 1,477                    | 1,694                  | 1,571                             | エスカレータ (式)<br>Escalators (n)                                     | 171                      | ...                    | 2,018                             |
| ローダ・アンローダ<br>Loaders and unloaders   | 2                        | 517                    | 1,335                             | 機械式駐車装置 (基)<br>Mechanical parkings (n)                           | 49                       | ...                    | 1,675                             |
| その他のクレーン<br>Other cranes   | 68                       | 332                    | 529                               | 自動立体倉庫装置 (基)<br>Automatic highrised warehouses (n)               | 209                      | ...                    | 5,724                             |
| <b>巻上機</b><br>Lifting gears  | <b>58,131</b>            |                        | <b>2,965</b>                      | <b>産業用ロボット</b><br>Industrial robots                              |                          |                        | <b>55,722</b>                     |
| 船用ウインチ<br>Cargo winches  | 83                       | ...                    | 839                               | シーケンスロボット<br>Sequence robots                                     | 346                      | ...                    | 1,665                             |
| チェーンブロック<br>Chain blocks   | 58,048                   | ...                    | 2,126                             | プレイバックロボット<br>Playback robots                                    | 12,633                   | ...                    | 26,491                            |
|  |                          |                        |                                   | 数値制御ロボット<br>Numerically controlled robots                        | 4,578                    | ...                    | 23,256                            |
|  |                          |                        |                                   | 知能ロボット<br>Intelligent robots                                     | 232                      | ...                    | 563                               |
|  |                          |                        |                                   | 部品・付帯装置<br>Parts, accessory for industrial robots                | ...                      | ...                    | 3,747                             |

## (8) 動力伝導装置

## Power transmission equipment

| 品目<br>Commodity   | 数量<br>単位<br>Quantity<br>Unit | 生産<br>Production |                          |                                   | 品目<br>Commodity   | 数量<br>単位<br>Quantity<br>Unit | 生産<br>Production  |                          |                                   |
|---|------------------------------|------------------|--------------------------|-----------------------------------|---|------------------------------|-------------------|--------------------------|-----------------------------------|
|   |                              | 数量<br>Quantity   | 重量(kg)<br>Weight<br>(kg) | 金額(千円)<br>Value<br>(thousand yen) |   |                              | 数量<br>Quantity    | 重量(kg)<br>Weight<br>(kg) | 金額(千円)<br>Value<br>(thousand yen) |
| <b>動力伝導装置</b><br>Power transmission equipment                                     |                              |                  | <b>27,954,186</b>        | <b>38,752,718</b>                 | <b>歯車(粉末や金製品を除く)<br/>(自己消費を除く)</b><br>Gears (except powder metallurgical products)(except self-consumption) | <b>個</b><br>(n)              | <b>18,264,473</b> | <b>6,786,176</b>         | <b>11,511,578</b>                 |
| <b>固定比減速機(自己消費を除く)</b><br>Fixed ratio speed reducers<br>(except self-consumption) | 台<br>(n)                     | <b>487,835</b>   | <b>14,927,988</b>        | <b>21,106,541</b>                 | 平歯車<br>Spur gears   | 個<br>(n)                     | 2,796,343         | 2,147,916                | 2,771,355                         |
| モータ付のもの<br>Motorized reducers   | 台<br>(n)                     | 247,637          | 8,820,804                | 8,256,674                         | はすば歯車<br>Helical gears  | 個<br>(n)                     | 13,664,222        | 2,472,795                | 3,048,603                         |
| モータなしのもの<br>Motor-less reducers   | 台<br>(n)                     | 240,198          | 6,107,184                | 12,849,867                        | かさ歯車<br>Bevel gears   | 個<br>(n)                     | 1,038,294         | 1,540,134                | 4,441,684                         |
|   |                              |                  |                          |                                   | その他の歯車<br>Other gears   | 個<br>(n)                     | 765,614           | 625,331                  | 1,249,936                         |
|   |                              |                  |                          |                                   | スチールチェーン<br>Steel chains  | m                            | 4,948,349         | 6,240,022                | 6,134,599                         |

## (9) 農業用機械器具及び木材加工機械

## Agricultural machinery and wood working machinery

(単位:台) (Unit: n)

| 品目<br>Commodity  | 生産<br>Production |                                   | 受入<br>Receipts | 出荷<br>Shipments |                                   |               | 月末在庫<br>Inventory |
|--|------------------|-----------------------------------|----------------|-----------------|-----------------------------------|---------------|-------------------|
|  | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                | 販売<br>Sales     |                                   | その他<br>Others |                   |
|  |                  |                                   |                | 数量<br>Quantity  | 金額(百万円)<br>Value<br>(million yen) |               |                   |
| <b>農業用機械器具及び木材加工機械</b><br>Agricultural machinery and wood working machinery                            |                  | <b>35,529</b>                     |                |                 |                                   |               |                   |
| <b>農業用機械器具</b><br>Agricultural machinery   |                  | <b>33,669</b>                     |                |                 |                                   |               |                   |
| <b>整地用機器及び付属品</b><br>Soil preparation machinery, implements and attachments                            |                  | <b>19,289</b>                     |                |                 |                                   |               |                   |
| 動力耕うん機(歩行用トラクタを含む)<br>Power tillers (including walking tractors)                                       | 8,880            | 1,054                             | 2,122          | 9,768           | 1,173                             | 3             | 13,239            |
| <b>装輪式トラクタ</b><br>Wheel tractors   | <b>9,681</b>     | <b>17,311</b>                     | -              | <b>9,415</b>    | <b>17,019</b>                     | <b>22</b>     | <b>8,494</b>      |
| 20PS未満<br>Less than 20PS   | 945              | 836                               | -              | 985             | 773                               | -             | 1,567             |
| 20PS以上30PS未満<br>Greater than or equal to 20PS and less than 30PS                                       | 3,410            | 4,019                             | -              | 3,254           | 3,881                             | 3             | 2,264             |
| 30PS以上<br>Greater than or equal to 30PS  | 5,326            | 12,456                            | -              | 5,176           | 12,365                            | 19            | 4,663             |
| 動力耕うん機及び装輪式トラクタ用ロータリ・プラウ・すき・ハロー<br>Rotary, plough, suki and harrow for power tiller and wheel tractor  | ...              | 924                               | ...            | ...             | ...                               | ...           | ...               |
| <b>栽培用機器</b><br>Planting machinery and implements  |                  | <b>980</b>                        |                |                 | <b>455</b>                        |               |                   |
| 田植機<br>Rice planting machines  | 664              | 980                               | -              | 314             | 455                               | 4             | 1,330             |
| <b>管理用機器</b><br>Managing machinery and implements  |                  | <b>324</b>                        |                |                 | <b>413</b>                        |               |                   |
| 動力噴霧機及び動力散粉機(ミスト機・煙霧機を含む)<br>Power sprayers and power dusters (including mist blowers and fog machine) | 8,587            | 324                               | 325            | 8,504           | 413                               | 44            | 60,076            |
| <b>収穫調整用機器</b><br>Harvesting and preparing machinery and implements                                    |                  | <b>13,076</b>                     |                |                 | <b>12,510</b>                     |               |                   |
| 刈払機(芝刈機を除く)<br>Bush cutters (except lawn mowers)   | 60,504           | 1,095                             | 926            | 67,723          | 1,268                             | 30            | 60,991            |
| コンバイン(刈取脱穀結合機)<br>Combines   | 2,531            | 9,630                             | -              | 2,235           | 8,789                             | 45            | 2,357             |
| 籾すり機<br>Rice huskers   | 1,259            | 804                               | 694            | 815             | 555                               | 763           | 3,293             |
| 農業用乾燥機<br>Agricultural driers  | 1,359            | 1,547                             | 249            | 1,663           | 1,898                             | 157           | 3,821             |
| <b>木材加工機械</b><br>Wood working machinery  |                  | <b>1,860</b>                      |                |                 | <b>1,621</b>                      |               |                   |
| 木工機械及び製材機械<br>Woodworking machinery and sawmill machinery  | 203              | 1,353                             | ...            | 305             | 1,090                             | ...           | 1,152             |
| 合板機械(繊維板機械を含む)<br>Veneer and plywood machinery (including particle board and fiberboard machinery)     | 15               | 507                               | ...            | 16              | 531                               | ...           | 3                 |

## (10) 金属工作機械

## Metal cutting machine tools

| 品目<br>Commodity   | 生産<br>Production         |                        |                                   | 販売<br>Sales              |                        |                                   | 月末在庫<br>Inventory        |                        |
|---|--------------------------|------------------------|-----------------------------------|--------------------------|------------------------|-----------------------------------|--------------------------|------------------------|
|   | 数量(台)<br>Quantity<br>(n) | 重量(t)<br>Weight<br>(t) | 金額(百万円)<br>Value<br>(million yen) | 数量(台)<br>Quantity<br>(n) | 重量(t)<br>Weight<br>(t) | 金額(百万円)<br>Value<br>(million yen) | 数量(台)<br>Quantity<br>(n) | 重量(t)<br>Weight<br>(t) |
| <b>金属工作機械</b><br>Metal cutting machine tools  | <b>6,462</b>             | <b>37,246</b>          | <b>103,523</b>                    | <b>6,854</b>             | <b>36,586</b>          | <b>105,425</b>                    | <b>9,522</b>             | <b>35,242</b>          |
| <b>旋盤</b><br>Lathes   | <b>1,789</b>             | <b>10,033</b>          | <b>26,555</b>                     | <b>1,743</b>             | <b>9,462</b>           | <b>26,327</b>                     | <b>2,699</b>             | <b>10,642</b>          |
| <b>数値制御旋盤(ターニングセンタを含む)</b><br>Numerically controlled lathes (including turning centers)                             | <b>1,619</b>             | <b>9,269</b>           | <b>23,607</b>                     | <b>1,578</b>             | <b>8,708</b>           | <b>23,401</b>                     | <b>2,679</b>             | <b>10,609</b>          |
| 立て形<br>Vertical type  | 58                       | 913                    | 2,073                             | 60                       | 872                    | 2,168                             | 40                       | 1,054                  |
| 横形<br>Horizontal type   | 1,561                    | 8,356                  | 21,534                            | 1,518                    | 7,836                  | 21,233                            | 2,639                    | 9,555                  |
| その他の旋盤<br>Other lathes  | 170                      | 764                    | 2,948                             | 165                      | 754                    | 2,926                             | 20                       | 33                     |
| <b>研削盤</b><br>Grinding machines   | <b>497</b>               | <b>2,442</b>           | <b>11,480</b>                     | <b>520</b>               | <b>2,487</b>           | <b>11,500</b>                     | <b>345</b>               | <b>1,466</b>           |
| <b>数値制御研削盤</b><br>Numerically controlled grinding machines  | <b>330</b>               | <b>1,863</b>           | <b>8,375</b>                      | <b>328</b>               | <b>1,824</b>           | <b>8,349</b>                      | <b>179</b>               | <b>700</b>             |
| 円筒研削盤<br>Numerically controlled external cylindrical grinding machines  | 167                      | 1,005                  | 4,335                             | 170                      | 1,032                  | 4,453                             | 117                      | 372                    |
| 平面研削盤<br>Numerically controlled surface grinding machines   | 51                       | 255                    | 973                               | 51                       | 243                    | 879                               | 30                       | 159                    |
| その他の数値制御研削盤<br>Other numerically controlled grinding machines   | 112                      | 603                    | 3,067                             | 107                      | 549                    | 3,017                             | 32                       | 169                    |
| その他の研削盤<br>Other grinding machines  | 167                      | 579                    | 3,105                             | 192                      | 663                    | 3,151                             | 166                      | 766                    |
| <b>歯切り盤及び歯車仕上げ機械</b><br>Gear cutting and gear finishing machines  | <b>42</b>                | <b>288</b>             | <b>1,604</b>                      | <b>45</b>                | <b>301</b>             | <b>1,675</b>                      | <b>1</b>                 | <b>9</b>               |
| 数値制御歯切り盤及び歯車仕上げ機械<br>Numerically controlled gear cutting and gear finishing machines                                | 26                       | 219                    | 1,101                             | 28                       | 231                    | 1,168                             | 1                        | 9                      |
| その他の歯切り盤及び歯車仕上げ機械<br>Other gear cutting and gear finishing machines   | 16                       | 69                     | 503                               | 17                       | 70                     | 507                               | -                        | -                      |
| <b>専用機</b><br>Special purpose machines  | <b>379</b>               | <b>2,767</b>           | <b>10,606</b>                     | <b>374</b>               | <b>2,266</b>           | <b>9,839</b>                      | <b>16</b>                | <b>779</b>             |
| 数値制御専用機<br>Numerically controlled special purpose machines  | 178                      | 1,920                  | 7,253                             | 174                      | 1,430                  | 6,255                             | 13                       | 749                    |
| その他の専用機<br>Other special purpose machines   | 201                      | 847                    | 3,353                             | 200                      | 836                    | 3,584                             | 3                        | 30                     |
| <b>マシニングセンタ</b><br>Machining centers  | <b>2,516</b>             | <b>16,831</b>          | <b>37,429</b>                     | <b>2,800</b>             | <b>17,200</b>          | <b>40,285</b>                     | <b>2,819</b>             | <b>15,261</b>          |
| <b>立て形</b><br>Vertical spindle type   | <b>1,962</b>             | <b>7,923</b>           | <b>20,335</b>                     | <b>2,246</b>             | <b>8,568</b>           | <b>21,698</b>                     | <b>2,445</b>             | <b>8,541</b>           |
| 前後ストローク500mm未満<br>Y-axis travel less than 500mm   | 1,609                    | 4,638                  | 13,522                            | 1,925                    | 5,369                  | 14,665                            | 2,117                    | 5,441                  |
| 前後ストローク500mm以上<br>Y-axis travel greater than or equal to 500mm  | 353                      | 3,285                  | 6,813                             | 321                      | 3,199                  | 7,033                             | 328                      | 3,100                  |
| <b>横形</b><br>Horizontal spindle type  | <b>491</b>               | <b>6,888</b>           | <b>13,861</b>                     | <b>495</b>               | <b>6,729</b>           | <b>15,272</b>                     | <b>333</b>               | <b>5,051</b>           |
| テーブルサイズ500mm未満<br>Table size less than 500mm  | 155                      | 1,335                  | 3,031                             | 184                      | 1,523                  | 3,892                             | 80                       | 713                    |
| テーブルサイズ500mm以上<br>Table size greater than or equal to 500mm   | 336                      | 5,553                  | 10,830                            | 311                      | 5,206                  | 11,380                            | 253                      | 4,338                  |
| その他のマシニングセンタ(立て・横兼用形、門形)<br>Other machining centers (vertical spindle, horizontal spindle type, double column type) | 63                       | 2,020                  | 3,233                             | 59                       | 1,903                  | 3,315                             | 41                       | 1,669                  |
| <b>その他の金属工作機械</b><br>Miscellaneous metal cutting machine tools  | <b>1,239</b>             | <b>4,885</b>           | <b>15,849</b>                     | <b>1,372</b>             | <b>4,870</b>           | <b>15,799</b>                     | <b>3,642</b>             | <b>7,085</b>           |
| 数値制御ボール盤<br>Numerically controlled drilling machines  | 7                        | 68                     | 170                               | 7                        | 72                     | 235                               | 21                       | 143                    |
| 数値制御中ぐり盤<br>Numerically controlled boring machines  | 16                       | 473                    | 804                               | 17                       | 588                    | 1,050                             | 40                       | 1,104                  |
| 数値制御フライス盤<br>Numerically controlled milling machines  | 52                       | 288                    | 644                               | 44                       | 273                    | 580                               | 72                       | 281                    |
| <b>数値制御放電加工機</b><br>Numerically controlled electrical discharge machines  | <b>251</b>               | <b>849</b>             | <b>3,356</b>                      | <b>241</b>               | <b>799</b>             | <b>3,152</b>                      | <b>86</b>                | <b>237</b>             |
| 形彫り放電加工機<br>Die sinking electrical discharge machines   | 35                       | 164                    | 618                               | 27                       | 117                    | 493                               | 9                        | 52                     |
| ワイヤ放電加工機<br>Wire electrical discharge machines  | 216                      | 685                    | 2,738                             | 214                      | 682                    | 2,659                             | 77                       | 185                    |
| その他の数値制御工作機械<br>Other numerically controlled metal cutting machine tools  | 433                      | 2,691                  | 9,619                             | 386                      | 2,612                  | 9,257                             | 790                      | 4,876                  |
| 他に分類されない工作機械<br>Other metal cutting machine tools   | 480                      | 516                    | 1,256                             | 677                      | 526                    | 1,525                             | 2,633                    | 444                    |



## (11) 金属加工機械及び鑄造装置

## Metal forming machinery and foundry equipment

| 品目<br>Commodity  | 数量<br>単位<br>Quantity<br>Unit | 生産 Production  |                        |                                   | 販売 Sales       |                        |                                   | 月末在庫 Inventory |                        |
|--|------------------------------|----------------|------------------------|-----------------------------------|----------------|------------------------|-----------------------------------|----------------|------------------------|
|  |                              | 数量<br>Quantity | 重量(t)<br>Weight<br>(t) | 金額(百万円)<br>Value<br>(million yen) | 数量<br>Quantity | 重量(t)<br>Weight<br>(t) | 金額(百万円)<br>Value<br>(million yen) | 数量<br>Quantity | 重量(t)<br>Weight<br>(t) |
| <b>金属加工機械及び鑄造装置</b><br>Metal forming machinery and foundry equipment   |                              |                |                        | <b>19,382</b>                     |                |                        |                                   |                |                        |
| <b>金属加工機械</b><br>Metal forming machinery   |                              |                |                        | <b>15,025</b>                     |                |                        |                                   |                |                        |
| <b>金属一次製品製造機械</b><br>Primary metal products machinery  |                              |                |                        | <b>4,078</b>                      |                |                        |                                   |                |                        |
| <b>圧延機械</b><br>Rolling mill machinery  |                              |                |                        | <b>342</b>                        |                |                        |                                   |                |                        |
| 圧延機械(本体又は一式のもの)及び<br>同付属装置(シャワーはせん断機に含む)<br>Rolling mill machinery (main body or complete set)<br>and accessories of rolling mill machines | 台<br>(n)                     | 30             | 267                    | 298                               | ...            | ...                    | ...                               | ...            | ...                    |
| 圧延機械の部品(ロールを除く)<br>Parts of rolling mill machines (except rolls)   |                              | ...            | ...                    | 44                                | ...            | ...                    | ...                               | ...            | ...                    |
| <b>鉄鋼用ロール</b><br>Rolls for steel industry  | 本<br>(n)                     | <b>2,319</b>   | <b>6,681</b>           | <b>3,736</b>                      | <b>2,331</b>   | <b>6,630</b>           | <b>3,715</b>                      | <b>615</b>     | ...                    |
| 鑄鉄製及び鑄鋼製<br>Iron casting and steel casting   | 本<br>(n)                     | 1,934          | 4,998                  | 2,675                             | 1,947          | 4,943                  | 2,662                             | 607            | ...                    |
| 鍛鋼製<br>Steel forgings  | 本<br>(n)                     | 385            | 1,683                  | 1,061                             | 384            | 1,687                  | 1,053                             | 8              | ...                    |
| <b>第二次金属加工機械</b><br>Secondary metal forming machinery  |                              |                |                        | <b>10,947</b>                     |                |                        | <b>10,481</b>                     |                |                        |
| ベンディングマシン(矯正機を含む)<br>Bending machines (including straighteners)  | 台<br>(n)                     | 46             | 285                    | 526                               | 46             | 285                    | 526                               | -              | -                      |
| 液圧プレス(リベティングマシンを含み<br>プラスチック加工用のものを除く)<br>Hydraulic presses (including riveting machines and<br>except those for plastic processing)       | 台<br>(n)                     | 148            | 1,992                  | 2,369                             | 132            | 1,785                  | 1,859                             | 358            | 3,914                  |
| 数値制御式(液圧プレス内数)<br>Numerically controlled<br>(the inner number of hydraulic presses)  | 台<br>(n)                     | 90             | 964                    | 863                               | 85             | 963                    | 803                               | 285            | 3,272                  |
| <b>機械プレス</b><br>Mechanical presses   | 台<br>(n)                     | <b>204</b>     | <b>5,164</b>           | <b>6,892</b>                      | <b>186</b>     | <b>4,914</b>           | <b>6,826</b>                      | <b>215</b>     | <b>3,810</b>           |
| 100t未満<br>Less than 100t   | 台<br>(n)                     | 133            | 1,575                  | 2,852                             | 125            | 1,515                  | 2,798                             | 145            | 2,240                  |
| 100t以上500t未満<br>Greater than or equal to 100t and less than 500t   | 台<br>(n)                     | 65             | 2,598                  | 3,052                             | 55             | 2,408                  | 3,040                             | 70             | 1,570                  |
| 500t以上<br>Greater than or equal to 500t  | 台<br>(n)                     | 6              | 991                    | 988                               | 6              | 991                    | 988                               | -              | -                      |
| 数値制御式(機械プレス内数)<br>Numerically controlled<br>(the inner number of mechanical presses)   | 台<br>(n)                     | 45             | 1,109                  | 968                               | 47             | 1,180                  | 993                               | 163            | 2,903                  |
| せん断機<br>Shearing machines  | 台<br>(n)                     | 9              | 101                    | 111                               | 9              | ...                    | 128                               | 1              | ...                    |
| 鍛造機械<br>Forging machines   | 台<br>(n)                     | 19             | 331                    | 786                               | 16             | ...                    | 879                               | 19             | ...                    |
| ワイヤーフォーミングマシン<br>Wire forming machines   | 台<br>(n)                     | 22             | 133                    | 263                               | 22             | ...                    | 263                               | -              | ...                    |
| <b>鑄造装置</b><br>Foundry equipment   | 台<br>(n)                     | <b>171</b>     | <b>3,326</b>           | <b>4,357</b>                      |                |                        |                                   |                |                        |
| ダイカストマシン<br>Die casting machines   | 台<br>(n)                     | 57             | 1,582                  | 1,904                             | ...            | ...                    | ...                               | ...            | ...                    |
| 鑄型機械<br>Moulding machines  | 台<br>(n)                     | 41             | 712                    | 1,882                             | ...            | ...                    | ...                               | ...            | ...                    |
| 砂処理・製品処理機械及び装置<br>Sand preparing, cleaning machines and equipment  | 台<br>(n)                     | 73             | 1,032                  | 571                               | ...            | ...                    | ...                               | ...            | ...                    |

## (12) 食料品加工機械、包装機械及び荷造機械

## Food products machinery, wrapping and packing machinery

(単位:台)

(Unit: n)

| 品 目<br>Commodity  | 生 産 Production |                                   | 販 売 Sales      |                                   | 月末在庫<br>Inventory |
|---|----------------|-----------------------------------|----------------|-----------------------------------|-------------------|
|   | 数量<br>Quantity | 金額(百万円)<br>Value<br>(million yen) | 数量<br>Quantity | 金額(百万円)<br>Value<br>(million yen) |                   |
| <b>食料品加工機械、包装機械及び荷造機械</b><br>Food products machinery,<br>wrapping and packing machinery   |                | <b>21,145</b>                     |                | <b>20,561</b>                     |                   |
| <b>食料品加工機械(手動のものを除く)</b><br>Food products machinery (except for hand type)  | <b>3,980</b>   | <b>6,461</b>                      | <b>3,866</b>   | <b>5,916</b>                      | <b>6,393</b>      |
| <b>穀物処理機械</b><br>Cereal processing machinery  | <b>2,006</b>   | <b>3,474</b>                      | <b>2,026</b>   | <b>3,375</b>                      | <b>5,582</b>      |
| 精米麦機械<br>Rice and wheat polishing machines  | 1,297          | 446                               | 1,329          | 474                               | 4,882             |
| 製パン・製菓機械<br>Baking and cake making machinery  | 709            | 3,028                             | 697            | 2,901                             | 700               |
| 醸造用機械(酒類・しょう油・味噌用に限る)<br>Fermented food and beverage products machinery (only for<br>making alcoholic beverage, soy sauce and "miso") | 67             | 183                               | 67             | 189                               | -                 |
| 牛乳加工・乳製品製造用機械<br>Machinery for milk processing and dairy products manufacturing   | 1,391          | 1,779                             | 1,289          | 1,130                             | 302               |
| 肉類・水産加工機械<br>Meat and poultry and fishery processing machinery  | 516            | 1,025                             | 484            | 1,222                             | 509               |
| <b>包装機械及び荷造機械(手動のものを除く)</b><br>Wrapping and packing machinery (except for hand type)  | <b>3,024</b>   | <b>14,684</b>                     | <b>2,868</b>   | <b>14,645</b>                     | <b>4,316</b>      |
| <b>個装・内装機械</b><br>Consumer packaging machinery  | <b>1,632</b>   | <b>13,209</b>                     | <b>1,553</b>   | <b>13,252</b>                     | <b>1,899</b>      |
| 製袋充てん機<br>Forming, filling and closing machines for flexible package  | 252            | 4,695                             | 233            | 4,433                             | 309               |
| 容器成形充てん機<br>Forming, filling and sealing machine for rigid package  | 13             | 1,307                             | 12             | 1,305                             | 5                 |
| 上包機(収縮包装機・ストレッチ包装機を含む)<br>Wrapping machines   | 272            | 961                               | 261            | 941                               | 510               |
| びん詰機械(洗びん機、殺菌機等を含む)<br>Bottling machinery   | 67             | 1,004                             | 67             | 1,174                             | 4                 |
| その他の個装・内装機械<br>Other consumer packaging machinery   | 1,028          | 5,242                             | 980            | 5,399                             | 1,071             |
| <b>外装・荷造機械</b><br>Packing machinery   | <b>1,392</b>   | <b>1,475</b>                      | <b>1,315</b>   | <b>1,393</b>                      | <b>2,417</b>      |
| バンド掛け機<br>Strapping machines  | 1,186          | 354                               | 1,117          | 495                               | 2,270             |
| ケース詰機<br>Case forming machines  | 8              | 422                               | 9              | 432                               | 10                |
| その他の外装・荷造機械<br>Other packing machinery  | 198            | 699                               | 189            | 466                               | 137               |

## (13) 事務用機械 Office machinery

## ① 製品

Products

(単位:台) (Unit: n)

| 品 目<br>Commodity   | 生産<br>Production |                                   | 受 入<br>Receipts | 出 荷<br>Shipments |                                   |               | 月末在庫<br>Inventory |
|--|------------------|-----------------------------------|-----------------|------------------|-----------------------------------|---------------|-------------------|
|  | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                 | 販 売<br>Sales     |                                   | その他<br>Others |                   |
|  |                  |                                   |                 | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |               |                   |
| <b>事務用機械</b><br><b>Office machinery</b>  | <b>6,337</b>     |                                   |                 | <b>10,633</b>    |                                   |               |                   |
| 謄写機(謄写版を除く)・事務用印刷機(B3版未満のオフセット印刷機)<br>Duplicating machines (except mimeographs) and office printing machines (offset duplicator) | x                | x                                 | x               | x                | x                                 | x             | x                 |
| <b>複写機(ジアソ式等を除く)</b><br><b>Copying machines (except diazo and other copying machines)</b>  | <b>5,821</b>     | <b>3,241</b>                      | <b>29,102</b>   | <b>22,761</b>    | <b>8,631</b>                      | <b>7,707</b>  | <b>32,641</b>     |
| デジタル機<br>Digital copying machines  | 2,390            | 843                               | 6,165           | 4,964            | 1,643                             | 2,675         | 6,874             |
| フルカラー機<br>Full color copying machines  | 3,431            | 2,398                             | 22,937          | 17,797           | 6,988                             | 5,032         | 25,767            |
| 金銭登録機(システム式)(端末機としての機能を有するもの)<br>Cash registers (system type) (one to have function as terminal unit)                            | x                | x                                 | x               | x                | x                                 | x             | x                 |

## ② 複写機の受入内訳

Receipt breakdown copier

(単位:台) (Unit: n)

| 品 目<br>Commodity  | 受 入<br>Receipts     |                           |
|---|---------------------|---------------------------|
|   | 数量<br>Quantity      |                           |
|   | 国内<br>From domestic | 国外<br>From foreign domain |
| <b>複写機(ジアソ式等を除く)</b><br><b>Copying machines (except diazo and other copying machines)</b> | <b>7,962</b>        | <b>21,140</b>             |
| デジタル機<br>Digital copying machines   | 3,009               | 3,156                     |
| フルカラー機<br>Full color copying machines   | 4,953               | 17,984                    |

## (14) ミシン及び繊維機械

Sewing machines and textile machinery

(単位:台) (Unit: n)

| 品 目<br>Commodity  | 生産<br>Production |                                   | 販 売<br>Sales   |                                   | 月末在庫<br>Inventory |
|---|------------------|-----------------------------------|----------------|-----------------------------------|-------------------|
|   | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) | 数量<br>Quantity | 金額(百万円)<br>Value<br>(million yen) |                   |
| <b>ミシン及び繊維機械</b><br><b>Sewing machines and textile machinery</b>  | <b>21,676</b>    |                                   |                |                                   |                   |
| <b>ミシン</b><br><b>Sewing machines</b>  | <b>13,831</b>    | <b>2,790</b>                      | <b>21,076</b>  | <b>3,520</b>                      | <b>12,218</b>     |
| 家庭用ミシン<br>Household sewing machines   | 4,793            | 232                               | 4,855          | 242                               | 373               |
| <b>工業用ミシン</b><br><b>Industrial sewing machines</b>  | <b>9,038</b>     | <b>2,558</b>                      | <b>16,221</b>  | <b>3,278</b>                      | <b>11,845</b>     |
| 一本針直線本縫(織物縫用・ニット縫用に限る)<br>Single needle straight line stitch (only for textile sewing and knittings sewing) | 462              | 40                                | 472            | 52                                | 465               |
| ヘリ縫(織物縫用・ニット縫用に限る)<br>For top stitching (only for textile sewing and knittings sewing)                      | 803              | 120                               | 6,206          | 405                               | 6,158             |
| その他の工業用ミシン<br>Other industrial sewing machines  | 7,773            | 2,398                             | 9,543          | 2,821                             | 5,222             |
| <b>繊維機械</b><br><b>Textile machinery</b>   | <b>18,886</b>    |                                   |                |                                   |                   |
| 化学繊維機械<br>Chemical fiber machinery  | 500              | 1,501                             | ...            | ...                               | ...               |
| 紡績機械<br>Spinning machinery  | 35               | 1,328                             | ...            | ...                               | ...               |
| 準備機械(糸巻機・その他の準備機械)<br>Preparatory machinery (winding machinery, other preparatory machinery)                | 167              | 2,930                             | ...            | ...                               | ...               |
| 織機<br>Looms   | 1,332            | 5,346                             | ...            | ...                               | ...               |
| 編組機械<br>Knitting machinery  | 1,230            | 6,813                             | ...            | ...                               | ...               |
| 染色仕上機械<br>Bleaching, dyeing, printing and finishing machinery   | 28               | 534                               | ...            | ...                               | ...               |
| その他の繊維機械<br>Other textile machinery   | 205              | 434                               | ...            | ...                               | ...               |

## (15) 冷凍機及び冷凍機応用製品

## Refrigerating machines, appliances and equipment

(単位:台) (Unit:n)

| 品目<br>Commodity   | 生産<br>Production |                                   | 受入<br>Receipts   | 消費<br>Consumption | 出荷<br>Shipments  |                                   |                | 月末在庫<br>Inventory |
|---|------------------|-----------------------------------|------------------|-------------------|------------------|-----------------------------------|----------------|-------------------|
|   | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                  |                   | 販売<br>Sales      | その他<br>Others                     |                |                   |
|   |                  |                                   |                  |                   | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                |                   |
| <b>冷凍機及び冷凍機応用製品</b><br>Refrigerating machines,<br>appliances and equipment  | <b>207,731</b>   |                                   |                  |                   | <b>266,037</b>   |                                   |                |                   |
| <b>冷凍機</b><br>Refrigerating machines  | <b>1,863,087</b> | <b>31,763</b>                     | <b>1,386,770</b> | <b>636,910</b>    | <b>1,724,364</b> | <b>33,307</b>                     | <b>920,039</b> | <b>717,108</b>    |
| <b>圧縮機(電動機付を含む)</b><br>Compressors  | <b>1,855,815</b> | <b>25,809</b>                     | <b>1,386,770</b> | <b>636,908</b>    | <b>1,716,755</b> | <b>27,738</b>                     | <b>920,004</b> | <b>709,579</b>    |
| <b>一般冷凍空調用</b><br>For general refrigeration and air conditioning            | <b>322,351</b>   | <b>5,861</b>                      | <b>508,402</b>   | <b>635,334</b>    | <b>159,370</b>   | <b>2,999</b>                      | <b>31,931</b>  | <b>271,060</b>    |
| 0.4kW未満<br>Less than 0.4kW  | 5,363            | 33                                | 151,414          | 72,161            | 88,909           | 564                               | -              | 51,801            |
| 0.4kW以上0.75kW未満<br>Greater than or equal to 0.4kW and less than 0.75kW      | 26,329           | 345                               | 115,853          | 134,323           | 11,077           | 107                               | 2,013          | 78,428            |
| 0.75kW以上7.5kW未満<br>Greater than or equal to 0.75kW and less than 7.5kW      | 284,125          | 4,242                             | 222,692          | 409,510           | 54,918           | 1,247                             | 27,969         | 136,654           |
| 7.5kW以上<br>Greater than or equal to 7.5kW                                   | 6,534            | 1,241                             | 18,443           | 19,340            | 4,466            | 1,081                             | 1,949          | 4,177             |
| 乗用車エアコン用(トラック用を含む)<br>For automobile air conditioning (including for truck) | 1,533,464        | 19,948                            | 878,368          | 1,574             | 1,557,385        | 24,739                            | 888,073        | 438,519           |
| 遠心式冷凍機<br>Centrifugal refrigerating machines                                | 22               | 688                               | -                | -                 | 22               | 687                               | -              | -                 |
| 吸収式冷凍機(冷温水機を含む)<br>Absorption-type refrigerating machines                   | 90               | 855                               | -                | -                 | 91               | 828                               | -              | 18                |
| <b>コンデンシングユニット</b><br>Condensing units                                      | <b>7,160</b>     | <b>4,411</b>                      | <b>-</b>         | <b>2</b>          | <b>7,496</b>     | <b>4,054</b>                      | <b>35</b>      | <b>7,511</b>      |
| 7.5kW未満<br>Less than 7.5kW  | 5,881            | 1,672                             | -                | 2                 | 6,308            | 1,646                             | 34             | 5,586             |
| 7.5kW以上<br>Greater than or equal to 7.5kW                                   | 1,279            | 2,739                             | -                | -                 | 1,188            | 2,408                             | 1              | 1,925             |

## (15) 冷凍機及び冷凍機応用製品(続き)

Refrigerating machines, appliances and equipment (continued)

(単位:台) (Unit: n)

| 品目<br>Commodity  | 生産<br>Production |                                   | 受入<br>Receipts | 消費<br>Con-<br>sumption | 出荷 Shipments     |                                   |               | 月末在庫<br>Inventory |
|--|------------------|-----------------------------------|----------------|------------------------|------------------|-----------------------------------|---------------|-------------------|
|  | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                |                        | 販売 Sales         |                                   | その他<br>Others |                   |
|  |                  |                                   |                |                        | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |               |                   |
| <b>冷凍機及び冷凍機応用製品(続き)</b><br>Refrigerating machines,<br>appliances and equipment (continued)     |                  |                                   |                |                        |                  |                                   |               |                   |
| <b>冷凍機応用製品</b><br>Refrigerating appliances   | <b>2,123,302</b> | <b>172,179</b>                    | <b>841,186</b> |                        | <b>3,609,000</b> | <b>229,260</b>                    | <b>42,500</b> | <b>1,578,343</b>  |
| <b>エアコンディショナ</b><br>Air conditioners   | <b>2,061,062</b> | <b>154,538</b>                    | <b>803,949</b> |                        | <b>3,497,033</b> | <b>210,837</b>                    | <b>26,752</b> | <b>1,452,950</b>  |
| <b>電気により圧縮機を駆動するもの</b><br>Air conditioner which drives a compressor by electricity             | <b>1,300,301</b> | <b>121,161</b>                    | <b>797,931</b> |                        | <b>2,731,368</b> | <b>175,841</b>                    | <b>26,746</b> | <b>1,376,263</b>  |
| <b>セパレート形</b><br>Split type  | <b>1,297,765</b> | <b>118,425</b>                    | <b>797,840</b> |                        | <b>2,728,436</b> | <b>172,760</b>                    | <b>26,690</b> | <b>1,371,881</b>  |
| <b>室外ユニット</b><br>Outdoor unit  | <b>619,772</b>   | <b>80,355</b>                     | <b>388,070</b> |                        | <b>1,338,040</b> | <b>112,043</b>                    | <b>6,914</b>  | <b>614,365</b>    |
| 4.0kW以下<br>Less than or equal to 4.0kW   | 416,237          | 26,227                            | 379,083        | ...                    | 1,103,994        | 53,088                            | 2,614         | 467,874           |
| 4.0kW超7.1kW以下<br>Greater than 4.0kW and less than or equal to 7.1kW                            | 124,620          | 15,538                            | 5,395          | ...                    | 151,141          | 18,952                            | 3,655         | 80,555            |
| 7.1kW超<br>Greater than 7.1kW   | 78,915           | 38,590                            | 3,592          | ...                    | 82,905           | 40,003                            | 645           | 65,936            |
| <b>室内ユニット</b><br>Indoor unit   | <b>677,993</b>   | <b>38,070</b>                     | <b>409,770</b> |                        | <b>1,390,396</b> | <b>60,717</b>                     | <b>19,776</b> | <b>757,516</b>    |
| 4.0kW以下<br>Less than or equal to 4.0kW   | 478,317          | 17,037                            | 387,005        | ...                    | 1,144,258        | 36,509                            | 17,565        | 561,343           |
| 4.0kW超7.1kW以下<br>Greater than 4.0kW and less than or equal to 7.1kW                            | 130,307          | 11,689                            | 16,888         | ...                    | 170,557          | 14,514                            | 763           | 121,604           |
| 7.1kW超<br>Greater than 7.1kW   | 69,369           | 9,344                             | 5,877          | ...                    | 75,581           | 9,694                             | 1,448         | 74,569            |
| <b>シングルパッケージ形(リモートコンデンサ形を含む)</b><br>Single packaged type (including remote condenser type)     | 2,536            | 2,736                             | 91             | ...                    | 2,932            | 3,081                             | 56            | 4,382             |
| <b>エンジンにより圧縮機を駆動するもの</b><br>Air conditioner which drives a compressor by engine                | <b>12,760</b>    | <b>4,046</b>                      | <b>6,018</b>   |                        | <b>18,241</b>    | <b>5,384</b>                      | <b>3</b>      | <b>27,862</b>     |
| <b>室外ユニット</b><br>Outdoor unit  | 3,120            | 3,130                             | 535            | ...                    | 3,237            | 3,844                             | 3             | 2,749             |
| <b>室内ユニット</b><br>Indoor unit   | 9,640            | 916                               | 5,483          | ...                    | 15,004           | 1,540                             | -             | 25,113            |
| <b>輸送機械用</b><br>For transportation machines  | <b>748,001</b>   | <b>29,331</b>                     | <b>-</b>       |                        | <b>747,424</b>   | <b>29,612</b>                     | <b>3</b>      | <b>48,825</b>     |
| <b>乗用車用(トラック用を含む)</b><br>Automobile and truck air conditioners                                 | 746,147          | 27,107                            | -              | ...                    | 745,476          | 27,220                            | 1             | 46,508            |
| <b>その他の輸送機械用(列車、バス、航空機用等)</b><br>Other transportation machines<br>(train, bus, airplanes etc.) | 1,854            | 2,224                             | -              | ...                    | 1,948            | 2,392                             | 2             | 2,317             |
| <b>冷凍・冷蔵ショーケース</b><br>Refrigerating display cases  | <b>21,168</b>    | <b>6,151</b>                      | <b>1,722</b>   |                        | <b>21,135</b>    | <b>6,249</b>                      | <b>1,610</b>  | <b>37,770</b>     |
| <b>冷凍機内蔵形</b><br>Self-contained type   | 10,996           | 2,661                             | 678            | ...                    | 10,652           | 2,660                             | 879           | 24,049            |
| <b>冷凍機別置形</b><br>Remote condensing-unit type   | 10,172           | 3,490                             | 1,044          | ...                    | 10,483           | 3,589                             | 731           | 13,721            |
| <b>フリーザ(業務用冷凍庫を含む)</b><br>Freezers (including commercial refrigerators)                        | 7,163            | 1,644                             | 12,797         | ...                    | 20,017           | 1,982                             | 50            | 14,508            |
| <b>除湿機</b><br>Dehumidifiers  | 19,624           | 1,033                             | 14,183         | ...                    | 47,157           | 1,521                             | 13,802        | 58,776            |
| <b>製氷機</b><br>Ice makers   | 7,261            | 1,376                             | 2              | ...                    | 9,001            | 1,731                             | 15            | 5,335             |
| <b>チリングユニット(ヒートポンプ式を含む)</b><br>Chilling unit (including heat-pump type)                        | 1,325            | 3,638                             | 11             | ...                    | 887              | 3,053                             | 224           | 1,792             |
| <b>冷凍・冷蔵ユニット</b><br>Refrigerating unit   | <b>5,699</b>     | <b>3,799</b>                      | <b>8,522</b>   |                        | <b>13,770</b>    | <b>3,887</b>                      | <b>47</b>     | <b>7,212</b>      |
| <b>輸送機械用</b><br>For transportation machines  | 3,288            | 2,187                             | 32             | ...                    | 3,246            | 2,082                             | 41            | 1,437             |
| <b>その他の冷凍・冷蔵ユニット</b><br>Other refrigerating unit   | 2,411            | 1,612                             | 8,490          | ...                    | 10,524           | 1,805                             | 6             | 5,775             |
| <b>補器</b><br>Component for refrigerating machines  | <b>9,328</b>     | <b>3,002</b>                      | <b>17</b>      |                        | <b>8,902</b>     | <b>2,730</b>                      | <b>58</b>     | <b>6,560</b>      |
| <b>ファンコイルユニット</b><br>Room fan-coil units   | 8,000            | 823                               | 9              | ...                    | 7,666            | 790                               | 50            | 5,498             |
| <b>エアハンドリングユニット</b><br>Air-handling units  | 1,328            | 2,179                             | 8              | ...                    | 1,236            | 1,940                             | 8             | 1,062             |
| <b>冷凍・空調用冷却塔</b><br>Cooling towers for air conditioning and refrigeration                      | 574              | 787                               | -              | ...                    | 525              | 740                               | -             | 593               |

## (16) 業務用サービス機器

## Business service equipment

(単位:台) (Unit:n)

| 品目<br>Commodity   | 生産<br>Production |                                   | 受入<br>Receipts | 出荷 Shipments   |                                   |        | 月末在庫<br>Inventory |
|---|------------------|-----------------------------------|----------------|----------------|-----------------------------------|--------|-------------------|
|   | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                | 販売 Sales       | その他                               |        |                   |
|   |                  |                                   |                | 数量<br>Quantity | 金額(百万円)<br>Value<br>(million yen) | Others |                   |
| 業務用サービス機器<br>Business service equipment   | 9,270            |                                   |                |                |                                   |        |                   |
| 自動販売機・自動改札機・自動入場機<br>及び業務用洗濯機<br>Vending machines, automatic ticket wicket system<br>and commercial type washing machines | 8,118            |                                   |                | 8,938          |                                   |        |                   |
| 自動販売機<br>Vending machines   | 21,696           | 6,542                             | 10,331         | 22,244         | 7,521                             | 10,331 | 31,103            |
| 飲料用自動販売機<br>Beverage vending machines   | 20,307           | 5,016                             | 9,900          | 20,784         | 5,841                             | 9,900  | 29,456            |
| たばこ自動販売機<br>Cigarette vending machines  | 13               | 4                                 | 5              | 16             | 4                                 | 5      | 100               |
| 切符自動販売機<br>Tickets vending machines   | 475              | 1,030                             | -              | 475            | 1,030                             | -      | -                 |
| その他の自動販売機<br>Other vending machines   | 901              | 492                               | 426            | 969            | 646                               | 426    | 1,547             |
| 自動改札機・自動入場機<br>Automatic ticket wicket system   | 413              | 499                               | -              | 194            | 341                               | -      | 496               |
| 業務用洗濯機<br>Commercial type washing machines  | 905              | 1,077                             | -              | 795            | 1,076                             | -      | 899               |
| 自動車用洗浄機器<br>Cleaning equipment for automobiles  | 726              | 1,152                             | ...            | ...            | ...                               | ...    | ...               |

## (17) 軸受、軸受メタル及びブッシュ

## Bearings, bearing metals and bushings

| 品目<br>Commodity   | 生産<br>Production                          |                        |                                   | 受入<br>Receipts | 出荷 Shipments                              |                                   |   | 月末在庫<br>Inventory |
|---|---|------------------------|-----------------------------------|----------------|---|-----------------------------------|---|-------------------|
|   | 数量(千個)<br>Quantity<br>(10 <sup>3</sup> n) | 重量(t)<br>Weight<br>(t) | 金額(百万円)<br>Value<br>(million yen) |                | 販売 Sales                                  | その他                               |   |                   |
|   |   |                        |                                   |                | 数量(千個)<br>Quantity<br>(10 <sup>3</sup> n) | 金額(百万円)<br>Value<br>(million yen) | 数量(千個)<br>Quantity<br>(10 <sup>3</sup> n) |                   |
| 軸受、軸受メタル及びブッシュ<br>Bearings, bearing metals<br>and bushings      | 74,139                                    |                        |                                   |                |   |                                   |   |                   |
| 軸受<br>Bearings  | 265,986                                   | 51,463                 | 66,545                            | 256,250        | 261,251                                   | 65,676                            | 248,743                                   | 217,845           |
| 玉軸受(軸受ユニット用を除く)<br>Ball bearings (except for bearings units)    | 125,716                                   | 30,051                 | 34,296                            | 128,479        | 138,150                                   | 34,018                            | 109,135                                   | 131,277           |
| ラジアル玉軸受<br>Radial ball bearings                                 | 119,159                                   | 28,894                 | 31,895                            | 124,626        | 132,085                                   | 31,395                            | 105,164                                   | 127,767           |
| その他の玉軸受<br>Other ball bearings                                  | 6,557                                     | 1,157                  | 2,401                             | 3,853          | 6,065                                     | 2,623                             | 3,971                                     | 3,510             |
| ころ軸受(軸受ユニット用を除く)<br>Roller bearings (except for bearings units) | 139,077                                   | 20,097                 | 30,895                            | 126,445        | 121,560                                   | 29,726                            | 138,825                                   | 82,312            |
| 円筒ころ軸受<br>Cylindrical roller bearings                           | 5,776                                     | 2,497                  | 5,238                             | 2,652          | 6,594                                     | 5,123                             | 2,792                                     | 6,093             |
| 円錐ころ軸受<br>Tapered roller bearings                               | 20,888                                    | 11,812                 | 12,649                            | 18,605         | 20,132                                    | 12,049                            | 18,717                                    | 11,210            |
| 球面ころ軸受<br>Spherical roller bearings                             | 319                                       | 2,614                  | 2,982                             | 264            | 333                                       | 3,052                             | 231                                       | 380               |
| 針状ころ軸受<br>Needle roller bearings                                | 109,377                                   | 2,962                  | 9,737                             | 102,195        | 93,792                                    | 9,325                             | 112,402                                   | 63,932            |
| その他のころ軸受<br>Other roller bearings                               | 2,717                                     | 212                    | 289                               | 2,729          | 709                                       | 177                               | 4,683                                     | 697               |
| 軸受ユニット<br>Bearing units   | 1,193                                     | 1,315                  | 1,354                             | 1,326          | 1,541                                     | 1,932                             | 783                                       | 4,256             |
| 軸受メタル<br>Bearing metals   | 42,818                                    | ...                    | 4,134                             | ...            | ...                                       | ...                               | ...                                       | ...               |
| ブッシュ<br>Bushings  | 91,483                                    | ...                    | 3,460                             | ...            | ...                                       | ...                               | ...                                       | ...               |

## (18) 金型

## Mold and die

| 品目<br>Commodity                 | 生産<br>Production             |                          |                                   | 生産内訳(自家使用分)<br>Private use   |                                   |
|---------------------------------|------------------------------|--------------------------|-----------------------------------|------------------------------|-----------------------------------|
|                                 | 数量(組)<br>Quantity<br>(units) | 重量(kg)<br>Weight<br>(kg) | 金額(千円)<br>Value<br>(thousand yen) | 数量(組)<br>Quantity<br>(units) | 金額(千円)<br>Value<br>(thousand yen) |
| <b>金型</b><br>Mold and die       | <b>45,479</b>                | <b>12,060,445</b>        | <b>32,211,105</b>                 | <b>6,719</b>                 | <b>9,866,109</b>                  |
| プレス用金型<br>Stamping die          | 8,847                        | 6,430,161                | 12,553,339                        | 2,008                        | 3,460,757                         |
| 鍛造用金型<br>Forging die            | 9,897                        | 957,803                  | 2,833,958                         | 3,054                        | 1,540,091                         |
| 鑄造用金型<br>Casting molds          | 460                          | 203,253                  | 580,286                           | 43                           | 131,329                           |
| ダイカスト用金型<br>Die casting die     | 775                          | 1,830,535                | 4,548,997                         | 166                          | 1,680,663                         |
| プラスチック用金型<br>Plastic molds      | 2,562                        | 2,366,128                | 10,086,063                        | 521                          | 2,704,938                         |
| ガラス用金型<br>Glass molds           | 16,396                       | 104,615                  | 223,216                           | -                            | -                                 |
| ゴム用金型<br>Rubber molds           | 1,449                        | 130,164                  | 845,615                           | 217                          | 310,446                           |
| 粉末や金用金型<br>Powdered metal molds | 5,093                        | 37,786                   | 539,631                           | 710                          | 37,885                            |

## (19) 機械工具

## Tools for machines

| 品目<br>Commodity  | 生産<br>Production         |                          |                                   | 消費<br>Consumption        | 販売<br>Sales              |                          |                                   | 月末在庫<br>Inventory        |
|--|--------------------------|--------------------------|-----------------------------------|--------------------------|--------------------------|--------------------------|-----------------------------------|--------------------------|
|  | 数量(個)<br>Quantity<br>(n) | 重量(kg)<br>Weight<br>(kg) | 金額(千円)<br>Value<br>(thousand yen) | 数量(個)<br>Quantity<br>(n) | 数量(個)<br>Quantity<br>(n) | 重量(kg)<br>Weight<br>(kg) | 金額(千円)<br>Value<br>(thousand yen) | 数量(個)<br>Quantity<br>(n) |
| <b>機械工具</b><br>Tools for machines  |                          |                          | <b>42,808,012</b>                 |                          |                          |                          | <b>45,913,607</b>                 |                          |
| <b>特殊鋼切削工具</b><br>High speed steel cutting tools   | <b>6,018,714</b>         |                          | <b>7,599,022</b>                  |                          | <b>7,036,087</b>         |                          | <b>8,450,581</b>                  | <b>14,574,941</b>        |
| ドリル(木工用を除く)<br>Drills (except for wood)  | 2,724,244                | ...                      | 1,623,682                         | ...                      | 3,535,262                | ...                      | 2,052,162                         | 7,336,655                |
| ミーリングカッタ<br>Milling cutters  | 229,794                  | ...                      | 748,064                           | ...                      | 280,158                  | ...                      | 912,984                           | 506,858                  |
| ギヤーカッタ(ねじフライスを含む)<br>Gear cutters<br>(including for thread milling cutters)  | 11,890                   | ...                      | 856,607                           | ...                      | 12,010                   | ...                      | 851,234                           | 1,376                    |
| ブローチ<br>Broaches   | 4,599                    | ...                      | 961,109                           | ...                      | 4,640                    | ...                      | 956,602                           | 970                      |
| タップ・ダイス<br>(ハンドタップ・ドリルタップ・パイプタップを含む)<br>Taps and dies<br>(hand taps, drill taps, pipe taps included)   | 2,963,317                | ...                      | 3,012,670                         | ...                      | 3,115,115                | ...                      | 3,241,248                         | 6,628,025                |
| リーマ・バイト<br>Reamers and single point tools  | 84,870                   | ...                      | 396,890                           | ...                      | 88,902                   | ...                      | 436,351                           | 101,057                  |
| <b>ダイヤモンド工具</b><br>Diamond tools   | <b>692,470</b>           |                          | <b>5,755,466</b>                  |                          | <b>808,652</b>           |                          | <b>6,292,268</b>                  | <b>670,357</b>           |
| ダイヤモンドドレッサ<br>Diamond dressers   | 34,815                   | ...                      | 691,665                           | ...                      | 33,805                   | ...                      | 764,537                           | 29,242                   |
| グライディングホイール<br>Grinding wheels   | 181,887                  | ...                      | 2,448,389                         | ...                      | 212,517                  | ...                      | 2,610,493                         | 143,120                  |
| カッティングソー<br>Cutting saws   | 95,996                   | ...                      | 455,015                           | ...                      | 101,025                  | ...                      | 505,853                           | 33,681                   |
| セグメント工具<br>Segments tools  | 95,504                   | ...                      | 480,582                           | ...                      | 176,617                  | ...                      | 615,068                           | 179,495                  |
| ダイヤモンド切削工具<br>(バイト・カッタ・リーマ・ドリル・フライス・エンドミル等)<br>Diamond cutting tools<br>(reamers, cutters, drills, flutes, end mills, etc.)  | 140,526                  | ...                      | 1,153,729                         | ...                      | 137,312                  | ...                      | 1,143,378                         | 174,393                  |
| その他のダイヤモンド工具<br>(ダイヤモンドビット・ダイヤモンドダイス・<br>ガラス切・かたさ試験機用圧子・ポイント等)<br>Other diamond tools<br>(diamond bits, diamond dies, glass cutters, test machine anvils, points, etc.)  | 143,742                  | ...                      | 526,086                           | ...                      | 147,376                  | ...                      | 652,939                           | 110,426                  |
| C(W) BN工具<br>Cubic (wurtzite) boron nitride tools  | 1,784,357                | ...                      | 2,573,248                         | ...                      | 1,704,625                | ...                      | 2,809,250                         | 1,697,248                |
| <b>超硬工具</b><br>Cemented carbide tools  |                          |                          | <b>26,880,276</b>                 |                          |                          |                          | <b>28,361,508</b>                 |                          |
| 超硬バイト(自家使用を除く)<br>Cemented single point tools<br>(excluding self-use)  | 157,373                  | ...                      | 524,478                           | ...                      | 115,451                  | ...                      | 622,829                           | 613,769                  |
| 超硬カッタ(自家使用を除く)<br>Cemented milling cutter<br>(excluding self-use)  | 39,792                   | ...                      | 888,907                           | ...                      | 40,319                   | ...                      | 1,025,662                         | 238,379                  |
| 超硬ドリル(自家使用を除く)<br>Cemented carbide drills<br>(excluding self-use)  | 42,464,595               | ...                      | 3,578,361                         | ...                      | 43,500,518               | ...                      | 4,343,557                         | 16,995,087               |
| 超硬エンドミル(自家使用を除く)<br>Cemented carbide endmill<br>(excluding self-use)   | 1,422,204                | ...                      | 5,039,643                         | ...                      | 1,184,288                | ...                      | 4,507,220                         | 4,325,735                |
| その他の超硬工具(自家使用を除く、ダイス・ロックビット・<br>リーマ・レースセンター・オーガビット・コールカッタービット・<br>コールビット・コアビット等)<br>Other cemented carbide tools<br>(excluding self-use, dies, lock bits, reamers, race centers, auger bits, coil cutters, coil bits, core bits, etc.) | 3,111,739                | ...                      | 3,439,979                         | ...                      | 3,235,743                | ...                      | 4,080,934                         | 8,770,896                |
| <b>超硬チップ(総チップをいい、<br/>ホールペン用及びスパイク用を除く)</b><br>Cemented carbide tips (cemented carbide insert)<br>(excluding hole pen and spike uses)  | <b>65,847,740</b>        | <b>434,843</b>           | <b>13,408,908</b>                 | <b>235,394</b>           | <b>65,300,901</b>        | <b>409,013</b>           | <b>13,781,306</b>                 | <b>56,571,557</b>        |
| 超硬チップ(ボールペン用及びスパイク用を除く)<br>Cemented carbide tips<br>(excluding ball pen and spike uses)  | 56,503,089               | 409,492                  | 12,108,210                        | 235,356                  | 55,163,051               | 379,275                  | 12,176,670                        | 49,877,538               |
| 超硬サーメットチップ(ボールペン用及びスパイク用を除く)<br>Cemented carbide cermet tips<br>(excluding ball pen and spike uses)  | 9,344,651                | 25,351                   | 1,300,698                         | 38                       | 10,137,850               | 29,738                   | 1,604,636                         | 6,694,019                |

## (20) 計測機器

## Measuring equipment, instruments, testing machines and surveying equipments

| 品目<br>Commodity   | 単位<br>Unit       | 生産<br>Production |                                   | 販売<br>Sales    |                                   | 月末在庫<br>Inventory |
|---|------------------|------------------|-----------------------------------|----------------|-----------------------------------|-------------------|
|   |                  | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) | 数量<br>Quantity | 金額(百万円)<br>Value<br>(million yen) |                   |
| <b>計測機器</b><br>Measuring equipment, instruments, testing machines<br>and surveying equipments                       |                  |                  | <b>46,681</b>                     |                | <b>48,510</b>                     |                   |
| <b>測定機器</b><br>Measuring equipment and instruments  |                  |                  | <b>42,722</b>                     |                | <b>43,934</b>                     |                   |
| 工業用長さ計<br>Industrial measures   | 個<br>(n)         | 621,277          | 3,304                             | 636,640        | 3,318                             | 748,241           |
| <b>積算体積計</b><br>Flow volumeters   | <b>個<br/>(n)</b> | <b>951,923</b>   | <b>7,824</b>                      | <b>971,492</b> | <b>8,293</b>                      | <b>155,130</b>    |
| ガスメータ<br>Gas-meters   | 個<br>(n)         | 521,650          | 5,053                             | 517,506        | 5,314                             | 87,030            |
| 水道メータ<br>Water-meters   | 個<br>(n)         | 426,503          | 1,739                             | 450,692        | 1,963                             | 67,190            |
| 積算式ガソリン量器<br>Flow meter fuel dispensers   | 個<br>(n)         | 3,770            | 1,032                             | 3,294          | 1,016                             | 910               |
| 工業用計重機<br>Measuring instruments and controllers for industry  | 台<br>(n)         | 2,266            | 3,787                             | 2,348          | 4,736                             | 769               |
| 圧力計(アネロイド形)<br>Aneroid type barometers or pressure gauges   | 個<br>(n)         | 974,629          | 981                               | 977,749        | 1,032                             | 167,719           |
| 精密測定機(光学測定機を含む)<br>Precision measuring machines and instruments<br>(including optical measuring machines)           | 台<br>(n)         | 28,448           | 6,551                             | 29,311         | 6,547                             | 27,242            |
| <b>分析機器</b><br>Analytical instruments   | <b>台<br/>(n)</b> | <b>14,442</b>    | <b>18,556</b>                     | <b>14,387</b>  | <b>18,427</b>                     | <b>8,114</b>      |
| 光分析機器<br>Optical and spectrophotometric analyzers   | 台<br>(n)         | 7,918            | 1,851                             | 7,853          | 1,718                             | 3,636             |
| 電磁気分析機器(X線回折装置を除く)<br>Electromagnetic analyzers<br>(except X-ray diffractometers)                                   | 台<br>(n)         | 358              | 1,967                             | 323            | 2,015                             | 537               |
| クロマト・分離・蒸留機器<br>Chromatograph, separator and<br>distillation apparatus  | 台<br>(n)         | 2,010            | 2,723                             | 1,814          | 2,445                             | 2,032             |
| その他の分析機器<br>Other analytical instruments  | 台<br>(n)         | 4,156            | 12,015                            | 4,397          | 12,249                            | 1,909             |
| 環境計測機器<br>Monitoring instruments for environmental quality  | 台<br>(n)         | 3,206            | 1,719                             | 2,880          | 1,581                             | 2,432             |
| <b>試験機</b><br>Testing machines  | <b>台<br/>(n)</b> | <b>476</b>       | <b>2,995</b>                      | <b>459</b>     | <b>3,098</b>                      | <b>491</b>        |
| 材料試験機<br>Testing machines for materials   | 台<br>(n)         | 416              | 1,261                             | 399            | 1,361                             | 458               |
| 動的試験機・構造物試験機<br>Dynamic testing machines and<br>structure testing machines  | 台<br>(n)         | 60               | 1,734                             | 60             | 1,737                             | 33                |
| 測量機器(トランシット・レベル, 光波測距儀)<br>Surveying equipments (transits and levels and<br>optical distance measuring instruments) | 個<br>(n)         | 5,068            | 964                               | 9,374          | 1,478                             | 9,404             |



## (21) 光学機械器具及び時計

## Optical appliances and instruments, watches and clocks

| 品目<br>Commodity  | 単位<br>Unit                      | 生産<br>Production |                                   | 受入<br>Receipts | 出荷 Shipments   |                                   |               | 月末在庫<br>Inventory |
|--|---------------------------------|------------------|-----------------------------------|----------------|----------------|-----------------------------------|---------------|-------------------|
|  |                                 | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                | 販売 Sales       |                                   | その他<br>Others |                   |
|  |                                 |                  |                                   |                | 数量<br>Quantity | 金額(百万円)<br>Value<br>(million yen) |               |                   |
| <b>光学機械器具及び時計</b><br>Optical appliances and instruments,<br>watches and clocks |                                 |                  | <b>28,827</b>                     |                |                | <b>31,052</b>                     |               |                   |
| <b>光学機械器具</b><br>Optical appliances and instruments                            |                                 |                  | <b>21,431</b>                     |                |                | <b>22,413</b>                     |               |                   |
| カメラ<br>Still cameras   | 台<br>(n)                        | 8,113            | 7,993                             | 6,227          | 7,520          | 7,370                             | 6,652         | 9,212             |
| カメラ用交換レンズ<br>Interchangeable lenses for cameras                                | 個<br>(n)                        | 245,034          | 13,438                            | 205,406        | 355,298        | 15,043                            | 39,868        | 499,046           |
| <b>時計</b><br>Watches and clocks  | <b>千個<br/>(10<sup>3</sup>n)</b> | <b>24,954</b>    | <b>7,396</b>                      | <b>7,023</b>   | <b>25,813</b>  | <b>8,639</b>                      | <b>6,474</b>  | <b>12,128</b>     |
| <b>完成品</b><br>Completed  | <b>千個<br/>(10<sup>3</sup>n)</b> | <b>479</b>       | <b>3,434</b>                      | <b>374</b>     | <b>785</b>     | <b>4,321</b>                      | <b>49</b>     | <b>895</b>        |
| 電池式ウォッチ(ストップウォッチを除く)<br>Battery-driven watches<br>(except stopwatches)         | 千個<br>(10 <sup>3</sup> n)       | x                | x                                 | x              | x              | x                                 | x             | x                 |
| 電池式クロック(機械時計を除く)<br>Battery-driven clocks<br>(except mechanical clocks)        | 千個<br>(10 <sup>3</sup> n)       | x                | x                                 | x              | x              | x                                 | x             | x                 |
| ムーブメント(自己消費を除く)<br>Movements (except self-consumption)                         | 千個<br>(10 <sup>3</sup> n)       | 24,475           | 3,962                             | 6,649          | 25,028         | 4,318                             | 6,425         | 11,233            |

## (22) 半導体製造装置及びフラットパネル・ディスプレイ製造装置

## Semiconductor, flat-panel display manufacturing system

| 品 目<br>Commodity  | 生 産 Production   |                           |                                    |
|---|--|---------------------------|------------------------------------|
|   | 数量 (台)<br>Quantity<br>(n)  | 重量 (kg)<br>Weight<br>(kg) | 金額 (百万円)<br>Value<br>(million yen) |
|   | <b>半導体製造装置及びフラットパネル・ディスプレイ製造装置</b><br>Semiconductor, flat-panel display manufacturing system |                           |                                    |
| <b>半導体製造装置</b><br>Semiconductor manufacturing system  |  |                           | <b>123,566</b>                     |
| ウエハ製造用装置<br>Wafer manufacturing system  | 20   | 148,400                   | 1,701                              |
| <b>ウエハプロセス用処理装置</b><br>Wafer processing system  | <b>352</b>   | <b>2,151,940</b>          | <b>87,245</b>                      |
| 露光・描画用装置<br>Pattern exposure, lithography system  | x  | x                         | x                                  |
| エッチング装置<br>Etching system   | x  | x                         | x                                  |
| 薄膜形成装置<br>Thin-film deposition system   | 135  | 505,387                   | 20,540                             |
| その他の装置<br>Other wafer processing system   | 153  | 1,104,213                 | 39,008                             |
| 組立用装置<br>Assembly system  | 627  | 477,666                   | 6,824                              |
| 半導体製造装置用関連装置 (マスク・レチクル製造用装置を含む)<br>Related system for manufacturing of semiconductor<br>(including mask, reticle manufacturing system)                    | 1,633  | 1,427,626                 | 27,796                             |
| <b>フラットパネル・ディスプレイ製造装置</b><br>Flat-panel display manufacturing system  |  |                           | <b>38,803</b>                      |
| ガラス基板製造用装置<br>Glass substrate manufacturing system  | x  | x                         | x                                  |
| ガラス基板プロセス用処理装置<br>Glass substrate processing system   | 49   | 3,983,451                 | 32,797                             |
| パネル工程用装置<br>Panel processing system   | 41   | 456,545                   | 2,514                              |
| フラットパネル・ディスプレイ製造装置用関連装置<br>(マスク・レチクル製造用装置を含む)<br>Related system for manufacturing of flat-panel display<br>(including mask, reticle manufacturing system) | x  | x                         | x                                  |

5. 電気・電子デバイス・情報通信機械

(30年7月) (Jul. 2018)

Electrical machineries, electronic devices, information and communication equipments

(1) 回転電気機械(航空機用のものを除く)

Rotating electrical machineries (except those for aircraft)

| 品目<br>Commodity   | 容量<br>単位<br>Capacity<br>Unit | 生産 Production            |                  |                                   | 受入 Receipts              | 販売 Sales                 |                |                                   | 月末在庫 Inventory           |
|---|------------------------------|--------------------------|------------------|-----------------------------------|--------------------------|--------------------------|----------------|-----------------------------------|--------------------------|
|   |                              | 数量(台)<br>Quantity<br>(n) | 容量<br>Capacity   | 金額(百万円)<br>Value<br>(million yen) | 数量(台)<br>Quantity<br>(n) | 数量(台)<br>Quantity<br>(n) | 容量<br>Capacity | 金額(百万円)<br>Value<br>(million yen) | 数量(台)<br>Quantity<br>(n) |
| <b>回転電気機械</b>   |                              |                          |                  | <b>81,454</b>                     |                          |                          |                |                                   |                          |
| <b>Rotating electrical machineries</b>  |                              |                          |                  |                                   |                          |                          |                |                                   |                          |
| 直流機(一般用・車両用)<br>Direct current machineries<br>(for general machinery and vehicles)        | kW                           | 1,395                    | 3,927            | 168                               | ...                      | ...                      | ...            | ...                               | ...                      |
| <b>交流発電機</b>  | <b>kVA</b>                   | <b>24,365</b>            | <b>814,353</b>   | <b>5,515</b>                      |                          |                          |                |                                   |                          |
| <b>Alternative current generators</b>   |                              |                          |                  |                                   |                          |                          |                |                                   |                          |
| <b>一般用タービン発電機</b>   | <b>kVA</b>                   | <b>23</b>                | <b>341,619</b>   | <b>935</b>                        |                          |                          |                |                                   |                          |
| <b>Turbine generators for general use</b>   |                              |                          |                  |                                   |                          |                          |                |                                   |                          |
| 一般用蒸気タービン発電機<br>Steam turbine generators for general use                                  | kVA                          | 5                        | 305,150          | 826                               | ...                      | ...                      | ...            | ...                               | ...                      |
| 一般用ガスタービン発電機<br>Gas turbine generators for general use                                    | kVA                          | 18                       | 36,469           | 109                               | ...                      | ...                      | ...            | ...                               | ...                      |
| <b>一般用エンジン発電機</b>   | <b>kVA</b>                   | <b>24,166</b>            | <b>308,732</b>   | <b>3,962</b>                      |                          |                          |                |                                   |                          |
| <b>Engine generators for general use</b>  |                              |                          |                  |                                   |                          |                          |                |                                   |                          |
| 3kVA以下<br>Less than or equal to 3kVA  | kVA                          | 14,942                   | 5,725            | 108                               | ...                      | ...                      | ...            | ...                               | ...                      |
| 3kVAをこえ10kVA以下<br>Greater than 3kVA less than or equal to 10kVA                           | kVA                          | 6,828                    | 41,125           | 764                               | ...                      | ...                      | ...            | ...                               | ...                      |
| 10kVAをこえ200kVA以下<br>Greater than 10kVA less than or equal to 200kVA                       | kVA                          | 2,145                    | 122,924          | 2,183                             | ...                      | ...                      | ...            | ...                               | ...                      |
| 200kVAをこえるもの<br>Greater than 200kVA   | kVA                          | 251                      | 138,958          | 907                               | ...                      | ...                      | ...            | ...                               | ...                      |
| 水車及びその他の交流発電機<br>Hydro generators and<br>other alternative current generators             | kVA                          | 176                      | 164,002          | 618                               | ...                      | ...                      | ...            | ...                               | ...                      |
| <b>電動機</b>  |                              |                          |                  | <b>69,666</b>                     |                          |                          |                |                                   |                          |
| <b>Electric motors</b>  |                              |                          |                  |                                   |                          |                          |                |                                   |                          |
| <b>交流電動機</b>  | <b>kW</b>                    | <b>809,335</b>           | <b>6,407,068</b> | <b>28,857</b>                     |                          |                          |                |                                   |                          |
| <b>Alternative current motors</b>   |                              |                          |                  |                                   |                          |                          |                |                                   |                          |
| 単相誘導電動機(非標準は70W以上)<br>Single phase induction motors                                       | kW                           | 120,077                  | 83,142           | 442                               | 1,101                    | 131,943                  | 84,107         | 479                               | 31,034                   |
| 標準三相誘導電動機<br>Three phase induction motors for general use                                 | kW                           | 21,340                   | 31,773           | 715                               | 34,016                   | 63,114                   | 159,550        | 1,802                             | 116,861                  |
| <b>非標準三相誘導電動機(70W以上)</b>  | <b>kW</b>                    | <b>174,234</b>           | <b>1,017,727</b> | <b>13,104</b>                     |                          |                          |                |                                   |                          |
| <b>Three phase induction motors for individual purpose (greater than or equal to 70W)</b> |                              |                          |                  |                                   |                          |                          |                |                                   |                          |
| 11kW以下<br>Less than or equal to 11kW  | kW                           | 160,939                  | 341,086          | 6,621                             | ...                      | ...                      | ...            | ...                               | ...                      |
| 11kWをこえ37kW以下<br>Greater than 11kW less than or equal to 37kW                             | kW                           | 9,713                    | 201,350          | 2,130                             | ...                      | ...                      | ...            | ...                               | ...                      |
| 37kWをこえ75kW以下<br>Greater than 37kW less than or equal to 75kW                             | kW                           | 2,297                    | 114,355          | 1,038                             | ...                      | ...                      | ...            | ...                               | ...                      |
| 75kWをこえ1,000kW以下<br>Greater than 75kW less than or equal to 1,000kW                       | kW                           | 1,238                    | 254,733          | 2,337                             | ...                      | ...                      | ...            | ...                               | ...                      |
| 1,000kWをこえるもの<br>Greater than 1,000kW   | kW                           | 47                       | 106,203          | 978                               | ...                      | ...                      | ...            | ...                               | ...                      |
| <b>PMモータ(70W以上)</b>   | <b>kW</b>                    | <b>457,413</b>           | <b>5,192,370</b> | <b>13,915</b>                     |                          |                          |                |                                   |                          |
| <b>Permanent magnet synchronous motors (greater than or equal to 70W)</b>                 |                              |                          |                  |                                   |                          |                          |                |                                   |                          |
| 自動車用<br>Permanent magnet synchronous motors<br>for automobiles                            | kW                           | 87,339                   | 4,602,406        | 2,727                             | ...                      | ...                      | ...            | ...                               | ...                      |
| その他<br>Other permanent magnet synchronous motors  | kW                           | 370,074                  | 589,964          | 11,188                            | ...                      | ...                      | ...            | ...                               | ...                      |
| その他の交流電動機(70W以上)<br>Other AC motors (greater than or equal to 70W)                        | kW                           | 36,271                   | 82,056           | 681                               | ...                      | ...                      | ...            | ...                               | ...                      |
| サーボモータ<br>Servo motors  |                              | 413,107                  | ...              | 11,570                            | ...                      | ...                      | ...            | ...                               | ...                      |
| <b>小形電動機(70W未満)</b>   |                              | <b>22,486,470</b>        |                  | <b>29,239</b>                     |                          |                          |                |                                   |                          |
| <b>Small capacity motors (less than 70W)</b>  |                              |                          |                  |                                   |                          |                          |                |                                   |                          |
| 小形直流電動機<br>Small capacity DC motors   |                              | 18,927,111               | ...              | 22,698                            | ...                      | ...                      | ...            | ...                               | ...                      |
| 小形交流電動機<br>Small capacity AC motors   |                              | 938,945                  | ...              | 2,552                             | ...                      | ...                      | ...            | ...                               | ...                      |
| ステッピングモータ<br>Stepping motors  |                              | 689,738                  | ...              | 2,799                             | ...                      | ...                      | ...            | ...                               | ...                      |
| その他の小形電動機<br>Other small capacity motors  |                              | 1,330,354                | ...              | 750                               | ...                      | ...                      | ...            | ...                               | ...                      |
| 超小形電動機(入力3W以下のもの)<br>Micro motors (less than or equal to 3W)                              |                              | 600,322                  | ...              | 440                               | ...                      | ...                      | ...            | ...                               | ...                      |
| <b>電動機一体機器</b>  |                              |                          |                  | <b>6,105</b>                      |                          |                          |                | <b>8,745</b>                      |                          |
| <b>Tools and devices with self-contained motors</b>                                       |                              |                          |                  |                                   |                          |                          |                |                                   |                          |
| 電気ホイスト<br>Electric hoists   |                              | 1,568                    | ...              | 1,071                             | -                        | 1,662                    | ...            | 1,106                             | 900                      |
| 電気ブロワ<br>Electric blowers   |                              | 12,789                   | ...              | 647                               | 343                      | 12,630                   | ...            | 688                               | 3,047                    |
| <b>電動工具</b>   |                              | <b>222,673</b>           |                  | <b>4,387</b>                      | <b>115,778</b>           | <b>335,247</b>           |                | <b>6,951</b>                      | <b>838,402</b>           |
| <b>Electric tools</b>   |                              |                          |                  |                                   |                          |                          |                |                                   |                          |
| 電気グラインダ<br>Electric grinders  |                              | 30,061                   | ...              | 288                               | 18,487                   | 43,865                   | ...            | 535                               | 108,997                  |
| 電気ドリル<br>Electric drills  |                              | 24,444                   | ...              | 568                               | 9,591                    | 37,858                   | ...            | 1,019                             | 61,968                   |
| 電池式ドリル及びドライバ<br>Drills and drivers (battery use)  |                              | 73,872                   | ...              | 1,732                             | 40,310                   | 111,887                  | ...            | 2,467                             | 318,056                  |
| 電気のかぎり<br>Electric saws   |                              | 26,742                   | ...              | 668                               | 26,569                   | 49,117                   | ...            | 1,195                             | 173,532                  |
| その他の電動工具<br>Other electric tools  |                              | 67,554                   | ...              | 1,131                             | 20,821                   | 92,520                   | ...            | 1,735                             | 175,849                  |

## (2) 静止電気機械器具(航空機用のものを除く)

Electrical stationary machines (except those for aircraft)

| 品目<br>Commodity   | 数量<br>単位<br>Quantity<br>Unit | 生産 Production  |                               |                                   | 受入 Receipts    | 販売 Sales       |                               |                                   | 月末在庫 Inventory |
|---|------------------------------|----------------|-------------------------------|-----------------------------------|----------------|----------------|-------------------------------|-----------------------------------|----------------|
|   |                              | 数量<br>Quantity | 容量 (kVA)<br>Capacity<br>(kVA) | 金額(百万円)<br>Value<br>(million yen) | 数量<br>Quantity | 数量<br>Quantity | 容量 (kVA)<br>Capacity<br>(kVA) | 金額(百万円)<br>Value<br>(million yen) | 数量<br>Quantity |
| <b>静止電気機械器具</b><br>Electrical stationary machines   |                              |                |                               | <b>57,345</b>                     |                |                |                               |                                   |                |
| <b>変圧器(電子機器に組込まれるものを除く)</b><br>Transformers (except those for electronic equipments)        |                              |                |                               | <b>18,324</b>                     |                |                |                               |                                   |                |
| <b>標準変圧器</b><br>Power distribution transformers   | 台<br>(n)                     | <b>34,748</b>  | <b>1,851,855</b>              | <b>6,598</b>                      | <b>941</b>     | <b>35,453</b>  | <b>2,133,976</b>              | <b>7,347</b>                      | <b>48,760</b>  |
| <b>油入り変圧器</b><br>Oil immersed power transformers  | 台<br>(n)                     | <b>34,310</b>  | <b>1,678,680</b>              | <b>5,989</b>                      | <b>783</b>     | <b>34,872</b>  | <b>1,894,606</b>              | <b>6,521</b>                      | <b>48,498</b>  |
| 電力会社向<br>For electric power companies   | 台<br>(n)                     | 28,705         | 692,810                       | 3,284                             | -              | 27,728         | 665,346                       | 3,206                             | 39,551         |
| 電力会社向以外<br>For others   | 台<br>(n)                     | 5,605          | 985,870                       | 2,705                             | 783            | 7,144          | 1,229,260                     | 3,315                             | 8,947          |
| モールド変圧器<br>Mold type  | 台<br>(n)                     | 438            | 173,175                       | 609                               | 158            | 581            | 239,370                       | 826                               | 262            |
| <b>非標準変圧器</b><br>Power transformers   | 台<br>(n)                     | <b>17,393</b>  | <b>4,333,071</b>              | <b>9,522</b>                      |                |                |                               |                                   |                |
| <b>油入り変圧器</b><br>Oil immersed power transformers  | 台<br>(n)                     | <b>1,723</b>   | <b>3,941,212</b>              | <b>7,193</b>                      |                |                |                               |                                   |                |
| 2,000kVA以下<br>Less than or equal to 2,000kVA  | 台<br>(n)                     | 1,578          | 483,392                       | 1,974                             | ...            | ...            | ...                           | ...                               | ...            |
| 2,001kVA以上10,000kVA未満<br>Greater than or equal to 2,001kVA less than 10,000kVA              | 台<br>(n)                     | 87             | 381,820                       | 1,155                             | ...            | ...            | ...                           | ...                               | ...            |
| 10,000kVA以上100,000kVA未満<br>Greater than or equal to 10,000kVA less than 100,000kVA          | 台<br>(n)                     | 54             | 1,123,000                     | 2,565                             | ...            | ...            | ...                           | ...                               | ...            |
| 100,000kVA以上<br>Greater than or equal to 100,000kVA   | 台<br>(n)                     | 4              | 1,953,000                     | 1,499                             | ...            | ...            | ...                           | ...                               | ...            |
| <b>乾式変圧器</b><br>Non-oil immersed power transformers   | 台<br>(n)                     | <b>15,670</b>  | <b>391,859</b>                | <b>2,329</b>                      |                |                |                               |                                   |                |
| <b>モールド変圧器</b><br>Mold type   | 台<br>(n)                     | <b>813</b>     | <b>205,753</b>                | <b>1,118</b>                      | ...            | ...            | ...                           | ...                               | ...            |
| 2,000kVA以下<br>Less than or equal to 2,000kVA  | 台<br>(n)                     | 801            | 158,503                       | 869                               | ...            | ...            | ...                           | ...                               | ...            |
| 2,001kVA以上<br>Greater than or equal to 2,001kVA   | 台<br>(n)                     | 12             | 47,250                        | 249                               | ...            | ...            | ...                           | ...                               | ...            |
| その他の乾式変圧器<br>Other non-oil immersed power transformers                                      | 台<br>(n)                     | 14,857         | 186,106                       | 1,211                             | ...            | ...            | ...                           | ...                               | ...            |
| 特殊用途変圧器<br>Transformers for special purpose   | 台<br>(n)                     | 23,012         | ...                           | 304                               | ...            | ...            | ...                           | ...                               | ...            |
| 計器用変成器<br>Transformers for meter  | 台<br>(n)                     | 80,156         | ...                           | 1,900                             | ...            | ...            | ...                           | ...                               | ...            |
| <b>電力変換装置</b><br>Power conversion equipment   | 式<br>(n)                     | <b>500,948</b> |                               | <b>33,196</b>                     |                |                |                               |                                   |                |
| <b>系統用・一般負荷用電力変換装置</b><br>Power conversion equipment for the system and for general load    | 式<br>(n)                     | <b>18,059</b>  |                               | <b>5,221</b>                      |                |                |                               |                                   |                |
| 無停電電源装置<br>Uninterruptible power supply   | 式<br>(n)                     | 14,587         | ...                           | 2,606                             | ...            | ...            | ...                           | ...                               | ...            |
| 系統用・その他の一般負荷用電力変換装置<br>Power conversion equipment for the system and for other general load | 式<br>(n)                     | 3,472          | ...                           | 2,615                             | ...            | ...            | ...                           | ...                               | ...            |

## (2) 静止電気機械器具(航空機用のものを除く)(続き)

## Electrical stationary machines (except those for aircraft) (continued)

| 品目<br>Commodity  | 数量<br>単位<br>Quantity<br>Unit | 生産 Production    |                               |                                   | 受入 Receipts    | 販売 Sales       |                               |                                   | 月末在庫 Inventory |
|--|------------------------------|------------------|-------------------------------|-----------------------------------|----------------|----------------|-------------------------------|-----------------------------------|----------------|
|  |                              | 数量<br>Quantity   | 容量 (kVA)<br>Capacity<br>(kVA) | 金額(百万円)<br>Value<br>(million yen) | 数量<br>Quantity | 数量<br>Quantity | 容量 (kVA)<br>Capacity<br>(kVA) | 金額(百万円)<br>Value<br>(million yen) | 数量<br>Quantity |
| <b>静止電気機械器具(続き)</b><br>Electrical stationary machines (continued)                      |                              |                  |                               |                                   |                |                |                               |                                   |                |
| <b>電動機駆動用変換装置</b><br>Converter for the motor drive                                     | 式<br>(n)                     | <b>482,889</b>   |                               | <b>27,975</b>                     |                |                |                               |                                   |                |
| <b>インバータ</b><br>Inverters  | 式<br>(n)                     | <b>244,005</b>   |                               | <b>10,457</b>                     |                |                |                               |                                   |                |
| はん(汎)用インバータ<br>Inverters for general purpose   | 式<br>(n)                     | 237,777          | ...                           | 6,156                             | ...            | ...            | ...                           | ...                               | ...            |
| その他のインバータ<br>Other inverters   | 式<br>(n)                     | 6,228            | ...                           | 4,301                             | ...            | ...            | ...                           | ...                               | ...            |
| サーボアンプ<br>Servo amplifier  | 台<br>(n)                     | 235,620          | ...                           | 15,621                            | ...            | ...            | ...                           | ...                               | ...            |
| その他の電動機駆動用変換装置<br>Other converter for the motor drive                                  | 式<br>(n)                     | 3,264            | ...                           | 1,897                             | ...            | ...            | ...                           | ...                               | ...            |
| <b>コンデンサ(電子機器用のものを除く)</b><br>Condenser (except those for electronic equipment)         | 台<br>(n)                     | <b>2,163,578</b> |                               | <b>1,732</b>                      |                |                |                               |                                   |                |
| 特別高圧・高圧電力用<br>For the special and high-pressure<br>high tension power                  | 台<br>(n)                     | 3,516            | 396,798                       | 423                               | ...            | ...            | ...                           | ...                               | ...            |
| 低圧電力用・機器用<br>For low voltage electric power<br>and capacitors for electrical appliance | 台<br>(n)                     | 2,160,062        | ...                           | 1,309                             | ...            | ...            | ...                           | ...                               | ...            |
| 避雷装置<br>Arresting equipment  | 台<br>(n)                     | 59,047           | ...                           | 385                               | ...            | ...            | ...                           | ...                               | ...            |
| リアクトル<br>Reactors  | 台<br>(n)                     | 11,222           | ...                           | 821                               | ...            | ...            | ...                           | ...                               | ...            |
| 電気炉<br>Electric furnaces   | 基<br>(n)                     | 65               | 2,967kW                       | 691                               | ...            | ...            | ...                           | ...                               | ...            |
| <b>電気溶接機</b><br>Electric welders   | 台<br>(n)                     | <b>4,515</b>     |                               | <b>2,196</b>                      |                |                |                               |                                   |                |
| <b>アーク溶接機</b><br>Arc type electric welders   | 台<br>(n)                     | <b>3,879</b>     |                               | <b>1,772</b>                      |                |                |                               |                                   |                |
| 標準自動アーク溶接機<br>Standard automatic arc welders   | 台<br>(n)                     | 1,169            | ...                           | 672                               | ...            | ...            | ...                           | ...                               | ...            |
| その他のアーク溶接機<br>Other arc welders  | 台<br>(n)                     | 2,710            | ...                           | 1,100                             | ...            | ...            | ...                           | ...                               | ...            |
| 抵抗溶接機<br>Resistance electric welders   | 台<br>(n)                     | 636              | ...                           | 424                               | ...            | ...            | ...                           | ...                               | ...            |

## (3) 開閉制御装置(航空機用のものを除く)

## Switchgears and controlling equipment (except those for aircraft)

| 品 目<br>Commodity   | 単 位<br>Unit      | 生 産<br>Production |                                    |
|--|------------------|-------------------|------------------------------------|
|  |                  | 数 量<br>Quantity   | 金 額(百万円)<br>Value<br>(million yen) |
| <b>開閉制御装置・開閉機器</b><br>Switchgears and controlling equipment, switching devices |                  |                   | <b>110,831</b>                     |
| <b>開閉制御装置</b><br>Switchgears and controlling equipment                         |                  |                   | <b>48,354</b>                      |
| 密閉形ガス絶縁開閉装置<br>Gas insulated switchgears                                       | 式<br>(n)         | 199               | 5,626                              |
| <b>閉鎖形配電装置</b><br>Metal-enclosed switchgears                                   | <b>面<br/>(n)</b> | <b>9,886</b>      | <b>15,395</b>                      |
| 特別高圧・高圧配電盤<br>Switch boards for extra high and high voltage                    | 面<br>(n)         | 5,123             | 10,150                             |
| 低圧配電盤<br>Switch boards for low voltage   | 面<br>(n)         | 4,763             | 5,245                              |
| <b>分電盤</b><br>Panel boards switchgear assemblies                               | <b>台<br/>(n)</b> | <b>221,464</b>    | <b>8,231</b>                       |
| 産業用分電盤<br>Low voltage panel boards for industrial use                          | 台<br>(n)         | 34,416            | 5,646                              |
| 住宅用分電盤<br>Low voltage panel boards for household use                           | 台<br>(n)         | 187,048           | 2,585                              |
| 監視制御装置<br>Supervisory and control equipment                                    | 式<br>(n)         | 39,731            | 13,577                             |
| その他の開閉制御装置<br>Other switchgears and controlling equipment                      | 台<br>(n)         | 36,227            | 5,525                              |
| <b>開閉機器</b><br>Switching devices   |                  |                   | <b>62,477</b>                      |
| 保護継電器<br>Protective relays   | 台<br>(n)         | 128,092           | 1,608                              |
| <b>低圧開閉器・制御機器</b><br>Low voltage switching devices                             |                  |                   | <b>43,914</b>                      |
| 電磁開閉器<br>Electromagnetic starters  | 台<br>(n)         | 1,287,823         | 2,653                              |
| 電磁リレー<br>Electromagnetic relays  | 台<br>(n)         | 94,307,882        | 10,209                             |
| その他の制御リレー<br>Other controlling relays  | 台<br>(n)         | 22,463,702        | 10,016                             |
| <b>プログラマブルコントローラ</b><br>Programmable controllers                               | <b>台<br/>(n)</b> | <b>134,325</b>    | <b>8,908</b>                       |
| 128点未満<br>Less than 128 point  | 台<br>(n)         | 52,537            | 1,500                              |
| 128点以上<br>Greater than or equal to 128 point                                   | 台<br>(n)         | 81,788            | 7,408                              |
| 操作スイッチ<br>Operating switches   | 個<br>(n)         | 2,651,797         | 1,955                              |
| 検出スイッチ<br>Detecting switches   | 個<br>(n)         | 7,877,513         | 4,759                              |
| マイクロスイッチ<br>Micro-switches   | 個<br>(n)         | 52,192,326        | 2,264                              |
| その他の低圧器具<br>Other low voltage equipment  | 個<br>(n)         | 4,992,341         | 3,150                              |
| 高圧開閉器<br>High voltage switches   | 台<br>(n)         | 184,524           | 2,008                              |
| <b>低圧遮断器</b><br>Low voltage circuit breakers                                   | <b>台<br/>(n)</b> | <b>4,132,506</b>  | <b>8,467</b>                       |
| 配線用遮断器<br>Molded case circuit breakers   | 台<br>(n)         | 883,357           | 3,797                              |
| 漏電遮断器<br>Residual current operated circuit breakers                            | 台<br>(n)         | 867,833           | 3,117                              |
| 安全ブレーカ<br>Safety breakers  | 台<br>(n)         | 1,696,906         | 629                                |
| 機器保護用及びその他の遮断器<br>Circuit breakers for equipment and other circuit breakers    | 台<br>(n)         | 684,410           | 924                                |
| <b>高圧遮断器</b><br>High voltage circuit breakers                                  | <b>台<br/>(n)</b> | <b>6,155</b>      | <b>2,278</b>                       |
| 真空遮断器<br>Vacuum type circuit breakers  | 台<br>(n)         | 5,726             | 1,194                              |
| ガス遮断器<br>Gas type circuit breakers   | 台<br>(n)         | 90                | 1,046                              |
| その他の高圧遮断器<br>Other high voltage circuit breakers                               | 台<br>(n)         | 339               | 38                                 |
| 電磁クラッチ<br>Electromagnetic clutches   | 台<br>(n)         | 1,190,777         | 4,202                              |

## (4) 民生用電気機械器具

## Consumer electric appliances

| 品目<br>Commodity   | 単位<br>Unit | 生産<br>Production |                                   | 受入<br>Receipts         |                                 | 出荷<br>Shipments |                                   |               | 月末在庫<br>Inventory |
|---|------------|------------------|-----------------------------------|------------------------|---------------------------------|-----------------|-----------------------------------|---------------|-------------------|
|   |            | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) | 国内<br>From<br>domestic | 国外<br>From<br>foreign<br>domain | 販売<br>Sales     |                                   | その他<br>Others |                   |
|   |            |                  |                                   |                        |                                 | 数量<br>Quantity  | 金額(百万円)<br>Value<br>(million yen) |               |                   |
| <b>民生用電気機械器具</b><br><b>Consumer electric appliances</b>                       |            |                  | <b>81,892</b>                     |                        |                                 |                 | <b>98,071</b>                     |               |                   |
| 電気がま<br>Electric rice cookers   | 台<br>(n)   | 328,647          | 6,077                             | 53,142                 | 96,542                          | 382,906         | 6,041                             | 28,348        | 558,385           |
| 食器洗い乾燥機<br>Automatic dish washers and driers                                  | 台<br>(n)   | 52,397           | 2,383                             | -                      | 12,530                          | 65,060          | 2,674                             | 418           | 20,324            |
| 電気冷蔵庫<br>Electric refrigerators   | 台<br>(n)   | 206,348          | 32,427                            | 13                     | 82,423                          | 297,616         | 35,634                            | 636           | 252,746           |
| クッキングヒーター<br>Electric cooktops  | 台<br>(n)   | 63,746           | 4,227                             | -                      | -                               | 62,050          | 4,160                             | 30            | 40,288            |
| 換気扇<br>Ventilating fans   | 台<br>(n)   | 519,563          | 8,054                             | 90,261                 | 62,904                          | 542,070         | 9,719                             | 83,808        | 465,906           |
| 電気温水器<br>Electric storage tank water heaters                                  | 台<br>(n)   | 7,804            | 1,739                             | 51                     | -                               | 7,469           | 1,646                             | 5             | 5,273             |
| 自然冷媒ヒートポンプ式給湯機<br>Natural coolant heat pump formula hot-water supply machines | 台<br>(n)   | 35,180           | 6,816                             | 18                     | -                               | 39,568          | 7,879                             | 155           | 39,533            |
| 家庭用電気井戸ポンプ<br>Electric well pumps for consumer                                | 台<br>(n)   | 17,860           | 792                               | -                      | -                               | 21,689          | 994                               | -             | 18,343            |
| 電気洗濯機<br>Electric washing machines  | 台<br>(n)   | 82,360           | 6,726                             | -                      | 195,743                         | 267,700         | 14,238                            | 544           | 186,376           |
| 電気掃除機<br>Electric vacuum cleaners   | 台<br>(n)   | 116,832          | 2,599                             | 1,312                  | 81,440                          | 220,690         | 4,390                             | 60            | 181,840           |
| 温水洗浄便座<br>Electric toilet seats   | 台<br>(n)   | 246,529          | 7,053                             | 75,349                 | -                               | 243,450         | 6,996                             | 78,974        | 68,714            |
| 電気かみそり<br>Electric shavers  | 個<br>(n)   | 202,716          | 2,708                             | 36,970                 | 451,226                         | 611,803         | 2,831                             | -             | 512,295           |
| 電気マッサージ器具<br>Electric massagers   | 台<br>(n)   | 2,759            | 291                               | -                      | 2,116                           | 4,831           | 869                               | -             | 10,107            |

## (5) 電球、配線及び電気照明器具

Electric lamps, wiring equipment and luminaires

(単位:千個) (Unit: 10<sup>3</sup>n)

| 品目<br>Commodity  | 生産<br>Production |                                   | 受入<br>Receipts | 出荷<br>Shipments |                                   |               | 月末在庫<br>Inventory |
|--|------------------|-----------------------------------|----------------|-----------------|-----------------------------------|---------------|-------------------|
|  | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                | 販売<br>Sales     |                                   | その他<br>Others |                   |
|  |                  |                                   |                | 数量<br>Quantity  | 金額(百万円)<br>Value<br>(million yen) |               |                   |
| <b>電球、配線及び電気照明器具</b>   | <b>106,852</b>   |                                   |                | <b>124,994</b>  |                                   |               |                   |
| <b>Electric lamps, wiring equipment and luminaires</b>           |                  |                                   |                |                 |                                   |               |                   |
| <b>電球</b>  | <b>9,763</b>     |                                   |                | <b>13,199</b>   |                                   |               |                   |
| <b>Electric lamps</b>  |                  |                                   |                |                 |                                   |               |                   |
| <b>白熱電球</b>  | <b>47,080</b>    |                                   | <b>1,961</b>   | <b>51,309</b>   | <b>62,650</b>                     | <b>2,083</b>  | <b>32,011</b>     |
| <b>Incandescent lamps</b>  |                  |                                   |                |                 |                                   |               |                   |
| 自動車用電球   | 43,908           | 740                               | 46,740         | 56,698          | 918                               | 30,523        | 28,734            |
| Automotive lamps   |                  |                                   |                |                 |                                   |               |                   |
| ハロゲン電球   | 1,214            | 796                               | 1,042          | 779             | 820                               | 1,435         | 1,436             |
| Tungsten halogen lamps   |                  |                                   |                |                 |                                   |               |                   |
| その他の白熱電球   | 1,958            | 425                               | 3,527          | 5,173           | 345                               | 53            | 5,359             |
| Other incandescent lamps   |                  |                                   |                |                 |                                   |               |                   |
| <b>放電ランプ</b>   | <b>7,204</b>     |                                   |                | <b>7,850</b>    |                                   |               |                   |
| <b>Discharge lamps</b>   |                  |                                   |                |                 |                                   |               |                   |
| <b>蛍光ランプ</b>   | <b>9,102</b>     |                                   | <b>4,470</b>   | <b>2,932</b>    | <b>7,612</b>                      | <b>4,839</b>  | <b>1,918</b>      |
| <b>Fluorescent lamps</b>   |                  |                                   |                |                 |                                   |               |                   |
| 直管形の20W  | 2,073            | 633                               | 197            | 1,170           | 373                               | 216           | 3,667             |
| Straight type 20W  |                  |                                   |                |                 |                                   |               |                   |
| 直管形の40W  | 2,392            | 852                               | 667            | 2,684           | 1,355                             | 485           | 6,323             |
| Straight type 40W  |                  |                                   |                |                 |                                   |               |                   |
| 環形   | 2,548            | 1,793                             | 491            | 1,358           | 1,139                             | 433           | 6,607             |
| Circular type  |                  |                                   |                |                 |                                   |               |                   |
| その他の蛍光ランプ  | 2,089            | 1,192                             | 1,577          | 2,400           | 1,972                             | 784           | 6,736             |
| Other fluorescent lamps  |                  |                                   |                |                 |                                   |               |                   |
| HIDランプ   | 354              | 2,095                             | 291            | 545             | 2,306                             | 73            | 1,227             |
| High intensity discharge lamps                                   |                  |                                   |                |                 |                                   |               |                   |
| その他の放電ランプ  | 3,536            | 639                               | 757            | 3,555           | 705                               | 72            | 4,174             |
| Other discharge lamps  |                  |                                   |                |                 |                                   |               |                   |
| <b>LEDランプ</b>  | <b>598</b>       |                                   |                | <b>3,266</b>    |                                   |               |                   |
| <b>Light emitting diode lamps</b>                                |                  |                                   |                |                 |                                   |               |                   |
| 電球形(直管を除く)   | 420              | 333                               | 1,435          | 1,668           | 2,159                             | 261           | 5,071             |
| Bulb type (except straight type)                                 |                  |                                   |                |                 |                                   |               |                   |
| 直管   | 103              | 265                               | 315            | 266             | 1,107                             | 128           | 1,101             |
| Straight type  |                  |                                   |                |                 |                                   |               |                   |
| <b>配線器具</b>  | <b>13,523</b>    |                                   | <b>3,514</b>   | <b>5,432</b>    | <b>11,436</b>                     | <b>4,505</b>  | <b>6,793</b>      |
| <b>Wiring devices</b>  |                  |                                   |                |                 |                                   |               |                   |
| 接続器(自己消費を除く)   | 10,864           | 2,012                             | 4,321          | 8,622           | 2,906                             | 5,898         | 11,715            |
| Connectors (except self-consumption)                             |                  |                                   |                |                 |                                   |               |                   |
| その他の配線器具(自己消費を除く)  | 2,659            | 1,502                             | 1,111          | 2,814           | 1,599                             | 895           | 2,772             |
| Other wiring devices (except self-consumption)                   |                  |                                   |                |                 |                                   |               |                   |
| <b>電気照明器具</b>  | <b>93,575</b>    |                                   |                | <b>107,290</b>  |                                   |               |                   |
| <b>Electric luminaires</b>                                       |                  |                                   |                |                 |                                   |               |                   |
| 白熱灯器具  | 146              | 562                               | 35             | 149             | 624                               | 8             | 245               |
| Incandescent luminaires  |                  |                                   |                |                 |                                   |               |                   |
| 放電灯器具  | 128              | 1,151                             | 22             | 117             | 1,116                             | 37            | 574               |
| Fluorescent discharge lamps                                      |                  |                                   |                |                 |                                   |               |                   |
| 蛍光灯器具  | 113              | 794                               | 22             | 103             | 773                               | 36            | 532               |
| Fluorescent luminaires   |                  |                                   |                |                 |                                   |               |                   |
| 直管を使用するもの  | 112              | 790                               | 22             | 102             | 768                               | 35            | 478               |
| Straight type  |                  |                                   |                |                 |                                   |               |                   |
| 環形管を使用するもの   | 1                | 4                                 | -              | 1               | 5                                 | 1             | 54                |
| Circular type  |                  |                                   |                |                 |                                   |               |                   |
| 高圧放電灯器具  | 15               | 357                               | -              | 14              | 343                               | 1             | 42                |
| High pressure discharge luminaires                               |                  |                                   |                |                 |                                   |               |                   |
| LED器具(自動車用を除く)   | 5,180            | 43,176                            | 1,815          | 5,383           | 55,301                            | 1,516         | 9,213             |
| Light emitting diode luminaires (except for automobiles)         |                  |                                   |                |                 |                                   |               |                   |
| 自動車用器具(二輪自動車用を含む)  | 15,939           | 48,686                            | 465            | 16,169          | 50,249                            | 30            | 7,064             |
| Electric luminarias for automobiles (including for motor cycles) |                  |                                   |                |                 |                                   |               |                   |



## (6) 通信機械器具及び無線応用装置

## Communication and related equipment

| 品 目<br>Commodity  | 単位<br>Unit | 生 産<br>Production |                                   | 受 入<br>Receipts | 出 荷<br>Shipments |                                   |               | 月末在庫<br>Inventory |
|---|------------|-------------------|-----------------------------------|-----------------|------------------|-----------------------------------|---------------|-------------------|
|   |            | 数 量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                 | 販 売<br>Sales     |                                   | その他<br>Others |                   |
|   |            |                   |                                   |                 | 数 量<br>Quantity  | 金額(百万円)<br>Value<br>(million yen) |               |                   |
| <b>通信機械器具及び無線応用装置</b><br>Communication and related equipment                              |            |                   | <b>48,395</b>                     |                 |                  |                                   |               |                   |
| 電話機<br>Telephone sets   | 台<br>(n)   | 10,925            | 258                               | 4,184           | 15,097           | 279                               | 147           | 31,885            |
| <b>電話応用装置</b><br>Applied telephone equipment  |            |                   | <b>4,015</b>                      |                 |                  | <b>5,766</b>                      |               |                   |
| ボタン電話装置<br>Key system telephone equipment   | 台<br>(n)   | 8,886             | 1,371                             | 2,244           | 9,775            | 1,705                             | -             | 7,904             |
| インターホン<br>Interphone  | 式<br>(n)   | 150,639           | 2,644                             | 228,039         | 345,621          | 4,061                             | 2             | 699,491           |
| ファクシミリ<br>Facsimile machines  | 台<br>(n)   | 1,469             | 107                               | -               | 1,469            | 107                               | 7             | 82                |
| <b>交換機</b><br>Switching system  |            |                   | <b>1,562</b>                      |                 |                  |                                   |               |                   |
| <b>電子交換機</b><br>Electronic switching system   |            |                   | <b>1,106</b>                      |                 |                  |                                   |               |                   |
| 局用<br>Central office switching system   |            | ...               | 652                               | ...             | ...              | ...                               | ...           | ...               |
| 構内用<br>Private branch exchange  |            | ...               | 454                               | ...             | ...              | ...                               | ...           | ...               |
| その他の交換機・付属装置<br>Other switching equipment and auxiliaries                                 |            | ...               | 456                               | ...             | ...              | ...                               | ...           | ...               |
| <b>搬送装置</b><br>Carrier transmission equipment   |            |                   | <b>7,572</b>                      |                 |                  |                                   |               |                   |
| デジタル伝送装置<br>Digital transmission equipment  | 台<br>(n)   | 491               | 2,995                             | ...             | ...              | ...                               | ...           | ...               |
| その他の搬送装置・付属装置<br>(変復調装置を含む)<br>Other carrier transmission equipment<br>(including modems) |            | ...               | 4,577                             | ...             | ...              | ...                               | ...           | ...               |

(6) 通信機械器具及び無線応用装置(続き)  
Communication and related equipment (continued)

| 品目<br>Commodity   | 単位<br>Unit | 生産<br>Production |                                   | 受入<br>Receipts | 出荷<br>Shipments  |                                   |               | 月末在庫<br>Inventory |
|---|------------|------------------|-----------------------------------|----------------|------------------|-----------------------------------|---------------|-------------------|
|   |            | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                | 販売<br>Sales      |                                   | その他<br>Others |                   |
|   |            |                  |                                   |                | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |               |                   |
| <b>通信機械器具及び無線応用装置(続き)</b><br>Communication and related equipment (continued)                                |            |                  |                                   |                |                  |                                   |               |                   |
| <b>無線通信機器(衛星通信装置を含む)</b><br>Radio communication equipment<br>(including satellite communications equipment) |            |                  | <b>32,841</b>                     |                |                  |                                   |               |                   |
| 放送装置<br>Broadcasting equipment  | 台<br>(n)   | 3,377            | 3,327                             | ...            | ...              | ...                               | ...           | ...               |
| <b>無線通信装置</b><br>Radio communication equipment  | 台<br>(n)   | <b>876,980</b>   | <b>15,629</b>                     |                |                  |                                   |               |                   |
| 固定通信装置(衛星・地上系)<br>Fixed communication equipment<br>(satellite, ground based)                                | 台<br>(n)   | 21,028           | 2,585                             | ...            | ...              | ...                               | ...           | ...               |
| <b>移動通信装置</b><br>Radio communications equipment for mobile  | 台<br>(n)   | <b>786,752</b>   | <b>12,590</b>                     |                |                  |                                   |               |                   |
| <b>移動局通信装置</b><br>Radio communications equipment for<br>mobile station                                      | 台<br>(n)   | <b>782,080</b>   | <b>9,694</b>                      |                |                  |                                   |               |                   |
| <b>陸上移動通信装置</b><br>Landing radio communication equipment  | 台<br>(n)   | <b>766,554</b>   | <b>9,060</b>                      | <b>279,879</b> | <b>1,008,120</b> | <b>20,170</b>                     | <b>22</b>     | <b>477,664</b>    |
| 携帯電話<br>Cellular telephone  | 台<br>(n)   | 375,365          | 6,841                             | 271,887        | 670,163          | 17,990                            | 1             | 45,466            |
| 公衆用PHS端末<br>Public personal handyphone  | 台<br>(n)   | 17,853           | 91                                | -              | 17,853           | 113                               | -             | -                 |
| その他の陸上移動通信装置<br>Other radio communication<br>equipment for mobile station                                   | 台<br>(n)   | 373,336          | 2,128                             | 7,992          | 320,104          | 2,067                             | 21            | 432,198           |
| 海上・航空移動通信装置<br>Marine and aeronautical radio<br>communication equipment                                     | 台<br>(n)   | 15,526           | 634                               | ...            | ...              | ...                               | ...           | ...               |
| 基地局通信装置<br>Basic exchange for mobile customer<br>premises   | 台<br>(n)   | 4,672            | 2,896                             | ...            | ...              | ...                               | ...           | ...               |
| その他の無線通信装置<br>Other radio communication equipment   | 台<br>(n)   | 69,200           | 454                               | ...            | ...              | ...                               | ...           | ...               |
| <b>無線応用装置</b><br>Associated radio equipment   |            |                  | <b>13,885</b>                     |                |                  |                                   |               |                   |
| レーダ装置<br>Radar equipment  | 台<br>(n)   | 3,372            | 2,990                             | ...            | ...              | ...                               | ...           | ...               |
| 無線位置測定装置<br>Maker radio measuring equipment   | 台<br>(n)   | 53,007           | 1,026                             | ...            | ...              | ...                               | ...           | ...               |
| テレメータ・テレコントロール<br>Telemeter, telecontrol  | 台<br>(n)   | 114              | 403                               | ...            | ...              | ...                               | ...           | ...               |
| その他の無線応用装置<br>Other associated radio equipment  |            | ...              | 9,466                             | ...            | ...              | ...                               | ...           | ...               |
| ネットワーク接続機器<br>Network access equipment  | 台<br>(n)   | 85,790           | 2,040                             | ...            | ...              | ...                               | ...           | ...               |

## (7) 民生用電子機械器具

Consumer electronic appliance

(単位:台) (Unit: n)

| 品目<br>Commodity   | 生産<br>Production |                                   | 受入<br>Receipts | 出荷<br>Shipments |                                   |                | 月末在庫<br>Inventory |
|---|------------------|-----------------------------------|----------------|-----------------|-----------------------------------|----------------|-------------------|
|   | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                | 販売<br>Sales     |                                   | その他<br>Others  |                   |
|   |                  |                                   |                | 数量<br>Quantity  | 金額(百万円)<br>Value<br>(million yen) |                |                   |
| <b>民生用電子機械器具</b><br>Consumer electronic appliance               |                  | <b>51,503</b>                     |                |                 | <b>72,065</b>                     |                |                   |
| <b>薄型テレビ</b><br>Flat panel television                           | <b>35,434</b>    | <b>4,225</b>                      | <b>236,124</b> | <b>238,892</b>  | <b>13,857</b>                     | <b>375</b>     | <b>163,881</b>    |
| 40型以上<br>Greater than or equal to 40inch                        | 31,496           | 4,152                             | 130,710        | 139,316         | 11,320                            | 279            | 99,068            |
| 40型未満<br>Less than 40inch                                       | 3,938            | 73                                | 105,414        | 99,576          | 2,537                             | 96             | 64,813            |
| ビデオカメラ(放送用を除く)<br>Video camera (except for broadcast)           | 6,281            | 590                               | 75,537         | 42,781          | 1,394                             | 10,074         | 95,363            |
| <b>デジタルカメラ</b><br>Digital still camera                          | <b>286,530</b>   | <b>12,750</b>                     | <b>442,986</b> | <b>277,073</b>  | <b>12,109</b>                     | <b>396,018</b> | <b>310,606</b>    |
| 一眼レフタイプ(レンズ交換式)<br>Single lens reflex type (lens exchange type) | 206,136          | 10,795                            | 338,420        | 188,927         | 9,993                             | 321,269        | 249,465           |
| コンパクトタイプ<br>Compact type  | 80,394           | 1,955                             | 104,566        | 88,146          | 2,116                             | 74,749         | 61,141            |
| カーオーディオ<br>Car audio  | 259,804          | 4,674                             | 139,529        | 327,445         | 6,112                             | 65,980         | 172,281           |
| カーナビゲーションシステム<br>Car navigation system                          | 567,607          | 28,282                            | 317,220        | 657,042         | 36,969                            | 155,402        | 446,891           |
| 補聴器<br>Hearing aid  | 22,502           | 982                               | 18,432         | 34,736          | 1,624                             | 6,390          | 42,483            |

## (8) 電子部品

## Parts for electronic equipment

| 品目<br>Commodity  | 単位<br>Unit                | 生産 Production     |                                   | 品目<br>Commodity  | 単位<br>Unit   | 生産 Production    |                                   |
|--|---------------------------|-------------------|-----------------------------------|--|--|------------------|-----------------------------------|
|  |                           | 数量<br>Quantity    | 金額(百万円)<br>Value<br>(million yen) |  |  | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |
| <b>電子部品</b><br>Parts for electronic equipment  |                           |                   | x                                 | <b>電子回路基板</b><br>Electronic circuit boards   | m <sup>2</sup>                                       | <b>1,260,310</b> | <b>41,469</b>                     |
| <b>受動部品</b><br>Passive components  |                           |                   | <b>103,793</b>                    | <b>リジッドプリント配線板</b><br>Rigid printed wiring boards  | m <sup>2</sup>                                       | <b>900,339</b>   | <b>27,985</b>                     |
| <b>抵抗器</b><br>Resistors  | 千個<br>(10 <sup>3</sup> n) | <b>14,700,767</b> | <b>8,660</b>                      | 片面プリント配線板<br>Single-sided printed wiring boards  | m <sup>2</sup>                                       | 140,203          | 700                               |
| <b>可変抵抗器</b><br>Potentiometers   | 千個<br>(10 <sup>3</sup> n) | <b>98,167</b>     | <b>2,350</b>                      | 両面プリント配線板<br>Double-sided printed wiring boards  | m <sup>2</sup>                                       | 394,545          | 6,904                             |
| 半固定抵抗器<br>Trimmer potentiometers   | 千個<br>(10 <sup>3</sup> n) | 46,176            | 149                               | 多層プリント配線板(4層)<br>Multi layer printed wiring boards (4layers)                                 | m <sup>2</sup>                                       | 194,228          | 4,861                             |
| 炭素系可変抵抗器(半固定を除く)<br>Carbon composition potentiometers<br>(except trimmer potentiometers) | 千個<br>(10 <sup>3</sup> n) | 48,827            | 1,669                             | 多層プリント配線板(6~8層)<br>Multi layer printed wiring boards (6~8layers)                             | m <sup>2</sup>                                       | 80,303           | 5,491                             |
| その他の可変抵抗器<br>Other potentiometers  | 千個<br>(10 <sup>3</sup> n) | 3,164             | 532                               | 多層プリント配線板(10層以上)<br>Multi layer printed wiring boards<br>(greater than or equal to 10layers) | m <sup>2</sup>                                       | 10,329           | 1,894                             |
| <b>固定抵抗器</b><br>Fixed resistors  | 千個<br>(10 <sup>3</sup> n) | <b>14,602,600</b> | <b>6,310</b>                      | ビルドアップ多層配線板<br>Build-up multi layer printed wiring boards                                    | m <sup>2</sup>                                       | 80,731           | 8,135                             |
| ネットワーク抵抗器<br>Networks resistors  | 千個<br>(10 <sup>3</sup> n) | 949,145           | 765                               | <b>フレキシブルプリント配線板</b><br>Flexible printed wiring boards                                       | m <sup>2</sup>                                       | <b>282,984</b>   | <b>4,502</b>                      |
| チップ抵抗器<br>Chip resistors   | 千個<br>(10 <sup>3</sup> n) | 12,898,481        | 3,879                             | 片面フレキシブル配線板<br>Single-sided flexible printed wiring boards                                   | m <sup>2</sup>                                       | 82,087           | 804                               |
| その他の固定抵抗器<br>Other fixed resistors   | 千個<br>(10 <sup>3</sup> n) | 754,974           | 1,666                             | 両面・多層フレキシブル配線板<br>Double-sided or multi layer<br>flexible printed wiring boards              | m <sup>2</sup>                                       | 200,897          | 3,698                             |
| <b>固定コンデンサ</b><br>Fixed capacitors   | 千個<br>(10 <sup>3</sup> n) | <b>93,191,530</b> | <b>63,417</b>                     | <b>モジュール基板</b><br>Module boards  | m <sup>2</sup>                                       | <b>76,987</b>    | <b>8,982</b>                      |
| アルミ電解コンデンサ<br>Aluminum electrolytic capacitors   | 千個<br>(10 <sup>3</sup> n) | 1,090,764         | 13,012                            | リジッド系モジュール基板<br>Rigid-system module boards   | m <sup>2</sup>                                       | 41,708           | 8,339                             |
| タンタル電解コンデンサ<br>Tantalum electrolytic capacitors  | 千個<br>(10 <sup>3</sup> n) | 169,519           | 1,885                             | その他のモジュール基板<br>Other module boards   | m <sup>2</sup>                                       | 35,279           | 643                               |
| セラミックコンデンサ<br>Ceramic capacitors   | 千個<br>(10 <sup>3</sup> n) | 91,872,665        | 45,579                            | <b>電子回路実装基板</b><br>Electronic circuit jisso boards   | 千個<br>(10 <sup>3</sup> n)                            | <b>555,741</b>   | <b>10,923</b>                     |
| 金属化有機フィルムコンデンサ<br>Metallized plastic film capacitors                                     | 千個<br>(10 <sup>3</sup> n) | 26,305            | 1,009                             | プリント配線実装基板<br>Printed wiring jisso boards  | 千個<br>(10 <sup>3</sup> n)                            | 511,551          | 8,203                             |
| その他の固定コンデンサ<br>Other fixed capacitors  | 千個<br>(10 <sup>3</sup> n) | 32,277            | 1,932                             | モジュール実装基板<br>Module jisso boards   | 千個<br>(10 <sup>3</sup> n)                            | 44,190           | 2,720                             |
| トランス<br>Transformers   | 千個<br>(10 <sup>3</sup> n) | 2,029             | 766                               | <b>音響部品(スピーカ・マイクロホン)</b><br>Electroacoustics transducers<br>(loudspeakers, microphones)      | 千個<br>(10 <sup>3</sup> n)                            | 8,076            | 1,023                             |
| インダクタ(コイルを含む)<br>Inductors (including coils)   | 千個<br>(10 <sup>3</sup> n) | 11,367,693        | 5,558                             | <b>メモリ部品</b><br>Memorizing components  |  |                  | x                                 |
| <b>機能部品</b><br>Functional components   |                           |                   | <b>25,392</b>                     | <b>磁気テープ</b><br>Magnetic tapes   | 千m <sup>2</sup><br>(10 <sup>3</sup> m <sup>2</sup> ) | <b>16,060</b>    | <b>3,486</b>                      |
| 水晶振動子<br>Quartz crystal units  | 千個<br>(10 <sup>3</sup> n) | 274,185           | 4,265                             | 磁気録音・録画テープ<br>Magnetic sound, video recording tapes  | 千m <sup>2</sup><br>(10 <sup>3</sup> m <sup>2</sup> ) | x                | x                                 |
| フィルタ<br>Filters  | 千個<br>(10 <sup>3</sup> n) | 1,713,501         | 11,690                            | その他の磁気テープ<br>Other magnetic tapes  | 千m <sup>2</sup><br>(10 <sup>3</sup> m <sup>2</sup> ) | x                | x                                 |
| 複合部品<br>Multiple components  | 千個<br>(10 <sup>3</sup> n) | 511,787           | 9,437                             | 光ディスク<br>Optical disks   | 千枚<br>(10 <sup>3</sup> n)                            | x                | x                                 |
| <b>接続部品</b><br>Connecting components   |                           |                   | <b>41,178</b>                     | スイッチング電源<br>Switching power supply units   | 千台<br>(10 <sup>3</sup> n)                            | 3,405            | 6,909                             |
| スイッチ(通信・電子装置用に限る)<br>Switches (only for communication and<br>electronic equipments)      | 千個<br>(10 <sup>3</sup> n) | 1,013,806         | 5,852                             |  |  |                  |                                   |
| <b>コネクタ</b><br>Connectors  | 千個<br>(10 <sup>3</sup> n) | <b>2,929,314</b>  | <b>32,643</b>                     |  |  |                  |                                   |
| 同軸コネクタ<br>Coaxial connectors   | 千個<br>(10 <sup>3</sup> n) | 290,854           | 2,668                             |  |  |                  |                                   |
| プリント基板用コネクタ<br>Printed wiring board connectors   | 千個<br>(10 <sup>3</sup> n) | 1,701,738         | 20,573                            |  |  |                  |                                   |
| 丸形コネクタ<br>Circular connectors  | 千個<br>(10 <sup>3</sup> n) | 22,682            | 2,264                             |  |  |                  |                                   |
| 角形コネクタ<br>Square connectors  | 千個<br>(10 <sup>3</sup> n) | 91,712            | 2,209                             |  |  |                  |                                   |
| その他のコネクタ<br>Other connectors   | 千個<br>(10 <sup>3</sup> n) | 822,328           | 4,929                             |  |  |                  |                                   |
| リレー(有線通信機器用に限る)<br>Relays (only for communication,<br>electronic equipments)             | 千個<br>(10 <sup>3</sup> n) | 59,459            | 2,683                             |  |  |                  |                                   |

## (9) 電子管、半導体素子及び集積回路

Electronic tubes, semiconductor devices and integrated circuits (electronic active devices)

| 品目<br>Commodity   | 単位<br>Unit                      | 生産<br>Production |                                   | 受入<br>Receipts   | 消費<br>Consumption | 出荷<br>Shipments  |                                   |                  | 月末在庫<br>Inventory |
|---|---------------------------------|------------------|-----------------------------------|------------------|-------------------|------------------|-----------------------------------|------------------|-------------------|
|   |                                 | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                  |                   | 販売<br>Sales      |                                   | その他<br>Others    |                   |
|   |                                 |                  |                                   |                  |                   | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                  |                   |
| <b>電子管、半導体素子及び集積回路</b><br>Electronic tubes, semiconductor devices<br>and integrated circuits<br>(electronic active devices) |                                 |                  | <b>420,476</b>                    |                  |                   |                  |                                   |                  |                   |
| <b>電子管</b><br>Electronic tubes  |                                 |                  | <b>4,354</b>                      |                  |                   |                  |                                   |                  |                   |
| マイクロ波管<br>Microwave tubes   | 本<br>(n)                        | 5,490            | 356                               | ...              | ...               | ...              | ...                               | ...              | ...               |
| 表示管<br>Indicator tubes  | 本<br>(n)                        | x                | x                                 | ...              | ...               | ...              | ...                               | ...              | ...               |
| X線管<br>X-ray tubes  | 本<br>(n)                        | 12,586           | 870                               | ...              | ...               | ...              | ...                               | ...              | ...               |
| その他の電子管<br>Other electronic tubes   | 本<br>(n)                        | 88,958           | x                                 | ...              | ...               | ...              | ...                               | ...              | ...               |
| <b>半導体素子</b><br>Semiconductor devices   | <b>千個<br/>(10<sup>3</sup>n)</b> | <b>5,009,735</b> | <b>70,094</b>                     | <b>3,225,137</b> | <b>21,726</b>     | <b>5,733,772</b> | <b>74,323</b>                     | <b>2,544,627</b> | <b>4,162,705</b>  |
| シリコンダイオード<br>Silicon diodes   | 千個<br>(10 <sup>3</sup> n)       | 361,851          | 1,562                             | 423,620          | -                 | 567,083          | 1,892                             | 229,379          | 1,051,527         |
| 整流素子(100mA以上)<br>Rectifiers devices (greater than or equal to 100mA)  | 千個<br>(10 <sup>3</sup> n)       | 422,824          | 3,823                             | 122,591          | 2,802             | 280,845          | 3,610                             | 267,855          | 241,513           |
| <b>トランジスタ</b><br>Transistors  | <b>千個<br/>(10<sup>3</sup>n)</b> | <b>706,711</b>   | <b>20,223</b>                     | <b>888,319</b>   | <b>113</b>        | <b>939,621</b>   | <b>25,709</b>                     | <b>634,205</b>   | <b>859,797</b>    |
| シリコントランジスタ<br>Silicon transistors   | 千個<br>(10 <sup>3</sup> n)       | <b>338,059</b>   | <b>2,573</b>                      | <b>437,148</b>   | <b>113</b>        | <b>441,485</b>   | <b>3,540</b>                      | <b>305,410</b>   | <b>416,632</b>    |
| 1W未満<br>Less than 1W  | 千個<br>(10 <sup>3</sup> n)       | 223,235          | 651                               | 338,160          | -                 | 310,303          | 1,320                             | 230,798          | 300,845           |
| 1W以上<br>Greater than or equal to 1W   | 千個<br>(10 <sup>3</sup> n)       | 114,824          | 1,922                             | 98,988           | 113               | 131,182          | 2,220                             | 74,612           | 115,787           |
| 電界効果型トランジスタ<br>Field effect transistors   | 千個<br>(10 <sup>3</sup> n)       | 358,307          | 5,954                             | 440,963          | -                 | 483,271          | 11,280                            | 323,210          | 431,033           |
| IGBT<br>IGBT (Insulated gate bipolar transistors)   | 千個<br>(10 <sup>3</sup> n)       | 10,345           | 11,696                            | 10,208           | -                 | 14,865           | 10,889                            | 5,585            | 12,132            |
| サーミスタ<br>Thermistors  | 千個<br>(10 <sup>3</sup> n)       | 382,100          | 4,225                             | 184,745          | 4,413             | 493,391          | 5,268                             | 178,103          | 384,837           |
| バリスタ<br>Varistors   | 千個<br>(10 <sup>3</sup> n)       | 400,282          | 734                               | 420,790          | -                 | 493,876          | 878                               | 333,789          | 1,041,098         |
| サイリスタ<br>Thyristors   | 千個<br>(10 <sup>3</sup> n)       | 3,581            | 646                               | 47,551           | 141               | 42,928           | 1,026                             | 52               | 48,630            |
| <b>光電変換素子</b><br>Opto electronic devices  | <b>千個<br/>(10<sup>3</sup>n)</b> | <b>2,399,635</b> | <b>35,878</b>                     | <b>1,066,649</b> | <b>14,193</b>     | <b>2,595,237</b> | <b>33,081</b>                     | <b>826,566</b>   | <b>286,289</b>    |
| 発光ダイオード<br>Light emitting diodes  | 千個<br>(10 <sup>3</sup> n)       | 2,171,190        | 18,572                            | 877,984          | 4,068             | 2,338,423        | 17,401                            | 699,032          | 113,779           |
| レーザダイオード<br>Laser diodes  | 千個<br>(10 <sup>3</sup> n)       | 12,233           | 4,124                             | 7,584            | -                 | 9,170            | 4,667                             | 10,798           | 5,557             |
| カプラ・インタラプタ<br>Photo couplers and photo interrupters   | 千個<br>(10 <sup>3</sup> n)       | 167,841          | 3,104                             | 170,834          | -                 | 212,741          | 3,646                             | 105,822          | 138,926           |
| 太陽電池セル<br>Photovoltaic cells  | 千個<br>(10 <sup>3</sup> n)       | 14,044           | 2,705                             | 7,162            | 10,125            | -                | -                                 | 9,917            | 11,226            |
| その他の光電変換素子<br>Other opto electronic devices   | 千個<br>(10 <sup>3</sup> n)       | 34,327           | 7,373                             | 3,085            | -                 | 34,903           | 7,367                             | 997              | 16,801            |
| その他の半導体素子<br>Other semiconductor devices  | 千個<br>(10 <sup>3</sup> n)       | 332,751          | 3,003                             | 70,872           | 64                | 320,791          | 2,859                             | 74,678           | 249,014           |
| <b>集積回路</b><br>Integrated circuits  | <b>千個<br/>(10<sup>3</sup>n)</b> | <b>2,452,012</b> | <b>248,899</b>                    | <b>1,925,134</b> | <b>25,471</b>     | <b>2,565,103</b> | <b>296,931</b>                    | <b>1,772,632</b> | <b>2,607,430</b>  |
| <b>半導体集積回路</b><br>Monolithic integrated circuits  | <b>千個<br/>(10<sup>3</sup>n)</b> | <b>2,310,735</b> | <b>211,846</b>                    | <b>1,925,110</b> | <b>14,302</b>     | <b>2,445,262</b> | <b>266,751</b>                    | <b>1,768,509</b> | <b>2,536,597</b>  |
| <b>線形回路</b><br>Linear ICs   | <b>千個<br/>(10<sup>3</sup>n)</b> | <b>1,321,252</b> | <b>14,614</b>                     | <b>1,067,100</b> | <b>1,474</b>      | <b>1,322,096</b> | <b>22,956</b>                     | <b>1,084,146</b> | <b>1,426,897</b>  |
| 標準線形回路<br>Standard linear ICs   | 千個<br>(10 <sup>3</sup> n)       | 744,110          | 5,072                             | 419,314          | 591               | 642,647          | 8,569                             | 529,333          | 703,813           |
| 非標準線形回路<br>Non standard linear ICs  | 千個<br>(10 <sup>3</sup> n)       | <b>577,142</b>   | <b>9,542</b>                      | <b>647,786</b>   | <b>883</b>        | <b>679,449</b>   | <b>14,387</b>                     | <b>554,813</b>   | <b>723,084</b>    |
| 産業用機器向<br>For industrial products   | 千個<br>(10 <sup>3</sup> n)       | 128,658          | 4,587                             | 247,017          | 875               | 310,085          | 10,606                            | 62,314           | 142,778           |
| 民生用機器向<br>For consumer products   | 千個<br>(10 <sup>3</sup> n)       | 448,484          | 4,955                             | 400,769          | 8                 | 369,364          | 3,781                             | 492,499          | 580,306           |

## (9) 電子管、半導体素子及び集積回路(続き)

## Electronic tubes, semiconductor devices and integrated circuits (electronic active devices)(continued)

| 品目<br>Commodity  | 単位<br>Unit                     | 生産<br>Production |                                   | 受入<br>Receipts | 消費<br>Consumption | 出荷<br>Shipments  |                                   |                | 月末在庫<br>Inventory |
|--|--------------------------------|------------------|-----------------------------------|----------------|-------------------|------------------|-----------------------------------|----------------|-------------------|
|  |                                | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                |                   | 販売<br>Sales      |                                   | その他<br>Others  |                   |
|  |                                |                  |                                   |                |                   | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                |                   |
| <b>電子管、半導体素子及び集積回路(続き)</b><br>Electronic tubes, semiconductor devices<br>and integrated circuits<br>(electronic active devices)(continued) |                                |                  |                                   |                |                   |                  |                                   |                |                   |
| <b>計数回路</b><br>Digital ICs   | 千個<br>(10 <sup>3</sup> n)      | <b>989,483</b>   | <b>197,232</b>                    | <b>858,010</b> | <b>12,828</b>     | <b>1,123,166</b> | <b>243,795</b>                    | <b>684,363</b> | <b>1,109,700</b>  |
| バイポーラ型<br>Bipolar ICs  | 千個<br>(10 <sup>3</sup> n)      | 55,860           | 4,716                             | 2,319          | 9,332             | 46,756           | 2,825                             | 1,363          | 35,719            |
| <b>モス型</b><br>Metal oxide semiconductor ICs  | 千個<br>(10 <sup>3</sup> n)      | <b>933,623</b>   | <b>192,516</b>                    | <b>855,691</b> | <b>3,496</b>      | <b>1,076,410</b> | <b>240,970</b>                    | <b>683,000</b> | <b>1,073,981</b>  |
| <b>マイクロコンピュータ</b><br>Micro computers   | 千個<br>(10 <sup>3</sup> n)      | <b>120,560</b>   | <b>9,480</b>                      | <b>280,850</b> | <b>1,586</b>      | <b>263,039</b>   | <b>35,554</b>                     | <b>108,407</b> | <b>284,632</b>    |
| MPU  | 千個<br>(10 <sup>3</sup> n)      | 8,055            | 155                               | 69             | -                 | 7,369            | 147                               | 740            | 217               |
| Micro processing units   | 千個<br>(10 <sup>3</sup> n)      |                  |                                   |                |                   |                  |                                   |                |                   |
| MCU  | 千個<br>(10 <sup>3</sup> n)      | 112,505          | 9,325                             | 280,781        | 1,586             | 255,670          | 35,407                            | 107,667        | 284,415           |
| Micro controller units   | 千個<br>(10 <sup>3</sup> n)      |                  |                                   |                |                   |                  |                                   |                |                   |
| <b>ロジック</b><br>Logic ICs   | 千個<br>(10 <sup>3</sup> n)      | <b>387,593</b>   | <b>11,837</b>                     | <b>187,943</b> | <b>-</b>          | <b>405,004</b>   | <b>17,841</b>                     | <b>193,219</b> | <b>615,624</b>    |
| 標準ロジック<br>Standard logic ICs   | 千個<br>(10 <sup>3</sup> n)      | 223,858          | 1,187                             | 130,792        | -                 | 257,325          | 3,391                             | 123,314        | 526,317           |
| セミカスタム<br>Semicustom ICs   | 千個<br>(10 <sup>3</sup> n)      | 34,206           | 5,530                             | 16,652         | -                 | 20,176           | 5,606                             | 29,749         | 21,288            |
| ディスプレイドライバ<br>Display driver ICs   | 千個<br>(10 <sup>3</sup> n)      | 2,443            | 137                               | 726            | -                 | 646              | 106                               | 2,433          | 6,354             |
| その他ロジック<br>Other logic ICs   | 千個<br>(10 <sup>3</sup> n)      | 127,086          | 4,983                             | 39,773         | -                 | 126,857          | 8,738                             | 37,723         | 61,665            |
| <b>メモリ</b><br>Memory ICs   | 千個<br>(10 <sup>3</sup> n)      | <b>192,054</b>   | <b>126,373</b>                    | <b>169,240</b> | <b>9</b>          | <b>178,637</b>   | <b>116,882</b>                    | <b>164,984</b> | <b>136,511</b>    |
| DRAM<br>Dynamic random access memory ICs   | 千個<br>(10 <sup>3</sup> n)      | 2,132            | 500                               | 136            | -                 | 2,207            | 821                               | 70             | 162               |
| SRAM<br>Static random access memory ICs  | 千個<br>(10 <sup>3</sup> n)      | x                | x                                 | x              | x                 | x                | x                                 | x              | x                 |
| フラッシュメモリ<br>Flash memory ICs   | 千個<br>(10 <sup>3</sup> n)      | x                | x                                 | x              | x                 | x                | x                                 | x              | x                 |
| その他メモリ<br>Other memory ICs   | 千個<br>(10 <sup>3</sup> n)      | x                | x                                 | x              | x                 | x                | x                                 | x              | x                 |
| <b>その他のモス型</b><br>Miscellaneous MOS ICs  | 千個<br>(10 <sup>3</sup> n)      | <b>233,416</b>   | <b>44,826</b>                     | <b>217,658</b> | <b>1,901</b>      | <b>229,730</b>   | <b>70,693</b>                     | <b>216,390</b> | <b>37,214</b>     |
| CCD<br>Charge coupled devices  | 千個<br>(10 <sup>3</sup> n)      | 213,071          | 40,100                            | 217,656        | -                 | 211,975          | 65,408                            | 216,171        | 22,796            |
| その他モス型<br>Other MOS ICs (except CCDs)  | 千個<br>(10 <sup>3</sup> n)      | 20,345           | 4,726                             | 2              | 1,901             | 17,755           | 5,285                             | 219            | 14,418            |
| 混成集積回路<br>Hybrid ICs   | 千個<br>(10 <sup>3</sup> n)      | 141,277          | 37,053                            | 24             | 11,169            | 119,841          | 30,180                            | 4,123          | 70,833            |
| <b>液晶素子</b><br>Liquid crystal devices  | 千個<br>(10 <sup>3</sup> n)      | <b>24,786</b>    | <b>89,742</b>                     | <b>3,894</b>   | <b>1,232</b>      | <b>24,663</b>    | <b>78,759</b>                     | <b>1,926</b>   | <b>13,462</b>     |
| <b>アクティブ型</b><br>Active matrix LCDs  | 千個<br>(10 <sup>3</sup> n)      | <b>23,432</b>    | <b>89,527</b>                     | <b>1,790</b>   | <b>-</b>          | <b>22,395</b>    | <b>78,393</b>                     | <b>1,896</b>   | <b>12,640</b>     |
| 4.5型未満<br>Less than 4.5inch  | 千個<br>(10 <sup>3</sup> n)      | 6,652            | 10,218                            | 1,245          | -                 | 7,476            | 11,294                            | 658            | 2,745             |
| 4.5型以上7.7型未満<br>Greater than or equal to 4.5inch less than 7.7inch   | 千個<br>(10 <sup>3</sup> n)      | 12,383           | 42,297                            | 207            | -                 | 11,926           | 41,390                            | 194            | 6,541             |
| 7.7型以上<br>Greater than 7.7inch   | 千個<br>(10 <sup>3</sup> n)      | 4,397            | 37,012                            | 338            | -                 | 2,993            | 25,709                            | 1,044          | 3,354             |
| <b>パッシブ型</b><br>Passive matrix LCDs  | 千個<br>(10 <sup>3</sup> n)      | <b>1,354</b>     | <b>215</b>                        | <b>2,104</b>   | <b>1,232</b>      | <b>2,268</b>     | <b>366</b>                        | <b>30</b>      | <b>822</b>        |
| 液晶モジュール<br>Liquid crystal modules  | 千個<br>(10 <sup>3</sup> n)      | x                | x                                 | x              | x                 | x                | x                                 | x              | x                 |
| 液晶パネル<br>Liquid crystal panels   | 千個<br>(10 <sup>3</sup> n)      | x                | x                                 | x              | x                 | x                | x                                 | x              | x                 |
| 太陽電池モジュール<br>Photovoltaic modules  | 容量<br>(kW)<br>Capacity<br>(kW) | 70,516           | 7,387                             | 49,635         | 25                | 158,203          | 12,777                            | 492            | 573,028           |

## (10) 電子計算機及び情報端末

## Electronic computers and information terminals

(単位:台) (Unit: n)

| 品目<br>Commodity   | 生産<br>Production |                                   | 品目<br>Commodity   | 生産<br>Production |                                   |
|---|------------------|-----------------------------------|---|------------------|-----------------------------------|
|   | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |   | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |
| <b>電子計算機及び情報端末</b><br>Electronic computers and information terminals                |                  | x                                 | <b>プリンタ</b><br>Printers   | <b>178,902</b>   | <b>5,246</b>                      |
| <b>電子計算機本体</b><br>Digital computers   |                  | <b>58,331</b>                     | インクジェットプリンタ<br>Inkjet printers  | x                | x                                 |
| はん(汎)用コンピュータ<br>(メインフレーム)<br>General purpose computers (mainframe)                  | x                | x                                 | レーザプリンタ<br>Laser printers   | 14,630           | 1,917                             |
| ミッドレンジコンピュータ<br>Midrange computers  | x                | x                                 | その他のプリンタ<br>Other printers  | x                | x                                 |
| <b>パーソナルコンピュータ ※</b><br>Personal computers  | <b>484,687</b>   | <b>55,950</b>                     | <b>モニター</b><br>Monitors   | <b>122,538</b>   | <b>5,202</b>                      |
| サーバ用<br>Server use  | 18,970           | 11,923                            | 31型未満<br>Less than 31inch   | 122,032          | 4,981                             |
| デスクトップ型<br>(タワー型及び一体型を含む)<br>Desktop style (including tower<br>type and unity type) | 137,557          | 12,076                            | 31型以上<br>Greater than or equal to 31inch                                    | 506              | 221                               |
| ノートブック型(タブレット型を含む)<br>Notebook style (including tablet type)                        | 328,160          | 31,951                            | プロジェクタ<br>Projector   | 3,263            | 2,122                             |
| <b>情報端末</b><br>Information terminals  |                  | x                                 | <b>金融用端末装置</b><br>Banking terminals   | <b>6,660</b>     | <b>6,454</b>                      |
| <b>外部記憶装置(内蔵型を含む)</b><br>External storages (including built-in type)                |                  | <b>12,101</b>                     | 現金自動預払機(支払機を含む)<br>Automatic teller machines (including<br>cash dispensers) | 2,291            | 4,126                             |
| ディスクアレイ装置<br>Disk drive array   | 2,210            | 11,433                            | その他の金融用端末装置<br>Other banking terminals                                      | 4,369            | 2,328                             |
| その他の外部記憶装置<br>Other external storages   | 9,596            | 668                               | 情報キオスク端末装置<br>Kiosk terminals   | x                | x                                 |
|   |                  |                                   | 携帯型専用端末装置<br>Handy terminals  | 8,195            | 523                               |
|   |                  |                                   | その他の情報端末<br>Other information terminals                                     | 59,119           | 3,129                             |

## ※ パーソナルコンピュータ

## Personal computers

(単位:台) (Unit: n)

| 品目<br>Commodity   | 生産<br>Production |                                   | 受入<br>Receipts | 出荷<br>Shipments |               | 月末在庫<br>Inventory |
|---|------------------|-----------------------------------|----------------|-----------------|---------------|-------------------|
|   | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                | 販売<br>Sales     | その他<br>Others |                   |
|   |                  |                                   |                | 数量<br>Quantity  |               |                   |
| <b>パーソナルコンピュータ</b><br>Personal computers  | <b>484,687</b>   | <b>55,950</b>                     | <b>100,936</b> | <b>547,110</b>  | <b>133</b>    | <b>43,937</b>     |
| サーバ用<br>Server use  | 18,970           | 11,923                            | -              | 18,202          | 99            | 1,217             |
| デスクトップ型<br>(タワー型及び一体型を含む)<br>Desktop style (including tower type and<br>unity type) | 137,557          | 12,076                            | 17,404         | 150,044         | -             | 6,421             |
| ノートブック型(タブレット型を含む)<br>Notebook style (including tablet type)                        | 328,160          | 31,951                            | 83,532         | 378,864         | 34            | 36,299            |

## (11) 電気計測器及び電子応用装置

## Electric measuring instrument and associated electronic equipment

| 品目<br>Commodity   | 単位<br>Unit | 生産<br>Production |                                   | 受入<br>Receipts | 出荷 Shipments     |                                   |              | 月末在庫<br>Inventory |
|---|------------|------------------|-----------------------------------|----------------|------------------|-----------------------------------|--------------|-------------------|
|   |            | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                | 販売<br>Sales      | その他                               |              |                   |
|   |            |                  |                                   |                | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) | Others       |                   |
| <b>電気計測器及び電子応用装置</b><br>Electric measuring instrument and associated electronic equipment |            |                  | <b>110,695</b>                    |                |                  |                                   |              |                   |
| <b>電気計測器</b><br>Electric measuring instruments  |            |                  | <b>38,777</b>                     |                |                  |                                   |              |                   |
| <b>電気計器</b><br>Electrical meters  | 個<br>(n)   | <b>1,044,041</b> | <b>6,924</b>                      | <b>199</b>     | <b>1,051,188</b> | <b>7,099</b>                      | <b>2,924</b> | <b>703,743</b>    |
| 指示計器<br>Indicating instruments  | 個<br>(n)   | 73,021           | 261                               | 31             | 71,846           | 284                               | 150          | 13,715            |
| 電力量計<br>Watt-hour meters  | 個<br>(n)   | 971,020          | 6,663                             | 168            | 979,342          | 6,815                             | 2,774        | 690,028           |
| <b>電気測定器</b><br>Electric test and measuring equipment                                     |            |                  | <b>20,422</b>                     |                |                  |                                   |              |                   |
| 電圧・電流・電力測定器<br>Voltage current and power measuring  | 台<br>(n)   | 56,468           | 1,150                             | 26,871         | 81,877           | 1,264                             | 262          | 61,747            |
| 無線通信測定器<br>Audio communication measuring instruments                                      | 台<br>(n)   | 1,413            | 826                               | 201            | 993              | 1,251                             | 821          | 774               |
| <b>半導体・IC測定器</b><br>Semiconductor characteristic measuring                                | 台<br>(n)   | <b>424</b>       | <b>14,756</b>                     |                |                  |                                   |              |                   |
| ロジックICテスタ<br>Logic IC testers   | 台<br>(n)   | 78               | 5,139                             | ...            | ...              | ...                               | ...          | ...               |
| IC測定関連機器<br>IC testing peripheral equipment   | 台<br>(n)   | 89               | 421                               | ...            | ...              | ...                               | ...          | ...               |
| その他の半導体・IC測定器<br>Other semiconductor and IC measuring instrument                          | 台<br>(n)   | 257              | 9,196                             | ...            | ...              | ...                               | ...          | ...               |
| その他の電気測定器<br>Other test and measuring equipment   |            | ...              | 3,690                             | ...            | ...              | ...                               | ...          | ...               |
| <b>工業用計測制御機器</b><br>Industrial for measuring equipment instruments                        |            |                  | <b>11,431</b>                     |                |                  |                                   |              |                   |
| <b>発信器</b><br>Detector, transducer and transmitters                                       | 台<br>(n)   | <b>192,563</b>   | <b>4,546</b>                      | <b>31,435</b>  | <b>223,065</b>   | <b>4,765</b>                      | <b>1,401</b> | <b>118,398</b>    |
| 温度計<br>Thermometers   | 台<br>(n)   | 112,127          | 1,057                             | 16,557         | 130,504          | 1,162                             | -            | 7,651             |
| 圧力計<br>Pressure gauge   | 台<br>(n)   | 22,433           | 748                               | 1,143          | 23,977           | 773                               | -            | 22,787            |
| 流量計<br>Flow gauge   | 台<br>(n)   | 9,617            | 694                               | 299            | 8,306            | 745                               | 1,360        | 3,068             |
| 差圧計<br>Differential pressure transmitter  | 台<br>(n)   | 10,547           | 1,341                             | 182            | 10,729           | 1,352                             | -            | -                 |
| その他の発信器<br>Other detector transmitter   | 台<br>(n)   | 37,839           | 706                               | 13,254         | 49,549           | 733                               | 41           | 84,892            |



## (11) 電気計測器及び電子応用装置(続き)

## Electric measuring instrument and associated electronic equipment (continued)

| 品目<br>Commodity   | 単位<br>Unit             | 生産<br>Production |                                   | 受入<br>Receipts | 出荷 Shipments   |                                   |               | 月末在庫<br>Inventory |
|---|------------------------|------------------|-----------------------------------|----------------|----------------|-----------------------------------|---------------|-------------------|
|   |                        | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                | 販売 Sales       |                                   | その他<br>Others |                   |
|   |                        |                  |                                   |                | 数量<br>Quantity | 金額(百万円)<br>Value<br>(million yen) |               |                   |
| <b>電気計測器及び電子応用装置(続き)</b><br>Electric measuring instrument and associated electronic equipment (continued) |                        |                  |                                   |                |                |                                   |               |                   |
| 受信計<br>Receiving instruments  | 台<br>(n)               | 65,722           | 1,409                             | 1,864          | 65,890         | 1,590                             | 676           | 7,459             |
| プロセス用分析計<br>Analyzer for processing   | 台<br>(n)               | 1,552            | 803                               | 5              | 1,558          | 831                               | -             | 15                |
| <b>プロセス監視制御システム</b><br>Monitoring and control systems for processing                                      | <b>台</b><br><b>(n)</b> | <b>686</b>       | <b>2,972</b>                      | <b>154</b>     | <b>870</b>     | <b>3,010</b>                      | -             | <b>186</b>        |
| デジタル計装制御システム<br>Distributed control systems   | 台<br>(n)               | 356              | 2,610                             | 7              | 363            | 2,613                             | -             | -                 |
| その他のプロセス監視制御システム<br>Other monitoring and control system<br>for processing                                 | 台<br>(n)               | 330              | 362                               | 147            | 507            | 397                               | -             | 186               |
| その他のプロセスオートメーション用計測制御機器<br>Other industrial measuring equipment<br>instrument for process automation      |                        | ...              | 1,701                             | ...            | ...            | ...                               | ...           | ...               |
| ガス警報器<br>Gas alarm  | 個<br>(n)               | 433,367          | 1,910                             | 825            | 439,107        | 2,185                             | -             | 322,606           |
| <b>電子応用装置</b><br>Associated electronic equipment  |                        |                  | <b>70,008</b>                     |                |                |                                   |               |                   |
| <b>X線装置</b><br>X-ray equipment  | <b>台</b><br><b>(n)</b> | <b>2,221</b>     | <b>11,695</b>                     |                |                |                                   |               |                   |
| <b>医用</b><br>Medical X-ray systems  | <b>台</b><br><b>(n)</b> | <b>1,602</b>     | <b>9,389</b>                      |                |                |                                   |               |                   |
| 医科・歯科用<br>Medical use dental use  | 台<br>(n)               | 1,331            | 3,807                             | ...            | ...            | ...                               | ...           | ...               |
| CT装置<br>Equipments computed tomograph   | 台<br>(n)               | 271              | 5,582                             | ...            | ...            | ...                               | ...           | ...               |
| その他のX線装置<br>Other X-ray equipment   | 台<br>(n)               | 619              | 2,306                             | ...            | ...            | ...                               | ...           | ...               |
| 放射性物質応用機器<br>Radio isotope equipment  | 台<br>(n)               | 8                | 525                               | ...            | ...            | ...                               | ...           | ...               |
| 放射線測定器<br>Radiation instruments   | 台<br>(n)               | 63,175           | 431                               | ...            | ...            | ...                               | ...           | ...               |
| <b>超音波応用装置</b><br>Ultrasonic instruments  | <b>台</b><br><b>(n)</b> | <b>15,034</b>    | <b>8,275</b>                      |                |                |                                   |               |                   |
| 洗浄機<br>Washers  | 台<br>(n)               | 407              | 256                               | ...            | ...            | ...                               | ...           | ...               |
| 医療機器<br>Medical equipment   | 台<br>(n)               | 1,314            | 3,118                             | ...            | ...            | ...                               | ...           | ...               |
| 溶接機<br>Welders  | 台<br>(n)               | 459              | 1,110                             | ...            | ...            | ...                               | ...           | ...               |
| その他の超音波応用装置<br>Other ultrasonic instruments   | 台<br>(n)               | 12,854           | 3,791                             | ...            | ...            | ...                               | ...           | ...               |
| <b>その他の電子応用装置</b><br>Miscellaneous associated electronic equipment  | <b>台</b><br><b>(n)</b> | <b>1,397,895</b> | <b>49,082</b>                     |                |                |                                   |               |                   |
| 電子顕微鏡<br>Electron microscopes   | 台<br>(n)               | 209              | 4,114                             | ...            | ...            | ...                               | ...           | ...               |
| 産業用テレビジョン装置<br>Industrial use television equipment  | 台<br>(n)               | 743,821          | 3,498                             | ...            | ...            | ...                               | ...           | ...               |
| 医用測定器<br>Medical use measuring instruments  | 台<br>(n)               | 565,133          | 7,071                             | ...            | ...            | ...                               | ...           | ...               |
| その他<br>Others associated electronic equipment   | 台<br>(n)               | 88,732           | 34,399                            | ...            | ...            | ...                               | ...           | ...               |

## (12) 電池

## Cells and batteries

| 品目<br>Commodity  | 容量<br>単位<br>Capacity<br>Unit | 生産<br>Production                          |                |                                   | 受入<br>Receipts                            | 出荷 Shipments                              |                                   |   |   | 月末在庫<br>Inventory                         |                |
|--|------------------------------|---|----------------|-----------------------------------|---|---|-----------------------------------|---|---|---|----------------|
|  |                              | 数量(千個)<br>Quantity<br>(10 <sup>3</sup> n) | 容量<br>Capacity | 金額(百万円)<br>Value<br>(million yen) | 数量(千個)<br>Quantity<br>(10 <sup>3</sup> n) | 販売 Sales                                  |                                   | その他<br>Others                             | 数量(千個)<br>Quantity<br>(10 <sup>3</sup> n) | 数量(千個)<br>Quantity<br>(10 <sup>3</sup> n) | 容量<br>Capacity |
|  |                              |   |                |                                   |   | 数量(千個)<br>Quantity<br>(10 <sup>3</sup> n) | 金額(百万円)<br>Value<br>(million yen) | 数量(千個)<br>Quantity<br>(10 <sup>3</sup> n) |   |   |                |
| <b>電池</b><br>Cells and batteries   |                              |   |                | <b>73,214</b>                     |   |   |                                   | <b>75,869</b>                             |   |   |                |
| <b>乾電池</b><br>Dry cells  |                              | <b>206,914</b>                            |                | <b>5,323</b>                      | <b>145,490</b>                            | <b>240,618</b>                            |                                   | <b>8,304</b>                              | <b>98,662</b>                             | <b>270,030</b>                            |                |
| 酸化銀電池<br>Silver oxide batteries  |                              | 59,517                                    | ...            | 803                               | 15,164                                    | 67,823                                    | ...                               | 990                                       | 12,792                                    | 79,388                                    | ...            |
| <b>アルカリマンガン乾電池</b><br>Alkaline manganese dioxide batteries                   |                              | <b>80,852</b>                             |                | <b>2,695</b>                      | <b>50,787</b>                             | <b>89,832</b>                             |                                   | <b>4,002</b>                              | <b>33,414</b>                             | <b>91,657</b>                             |                |
| LR6  |                              | x   | ...            | x                                 | x   | x   | ...                               | x   | x   | x   | ...            |
| LR03   |                              | x   | ...            | x                                 | x   | x   | ...                               | x   | x   | x   | ...            |
| その他のアルカリマンガン乾電池<br>Other alkaline manganese dioxide batteries                |                              | 12,095                                    | ...            | 842                               | 4,722                                     | 12,507                                    | ...                               | 1,041                                     | 4,915                                     | 19,079                                    | ...            |
| リチウム電池<br>Lithium batteries  |                              | 66,545                                    | ...            | 1,825                             | 79,539                                    | 82,963                                    | ...                               | 3,312                                     | 52,456                                    | 98,985                                    | ...            |
| <b>蓄電池</b><br>Storage batteries  |                              |   |                | <b>67,891</b>                     |   |   |                                   | <b>67,565</b>                             |   |   |                |
| <b>鉛蓄電池</b><br>Lead acid (storage) batteries                                 | 鉛量t<br>(lead(t))             | <b>2,772</b>                              | <b>24,774</b>  | <b>15,282</b>                     | <b>1,852</b>                              | <b>2,540</b>                              | <b>22,247</b>                     | <b>15,457</b>                             | <b>1,696</b>                              | <b>4,988</b>                              | <b>26,439</b>  |
| 自動車用(二輪自動車用を除く)<br>Batteries for automobiles (except for motor cycle)        | 鉛量t<br>(lead(t))             | 2,189                                     | 17,888         | 10,009                            | 1,295                                     | 1,912                                     | 15,249                            | 9,993                                     | 1,213                                     | 3,031                                     | 20,005         |
| その他の鉛蓄電池<br>Other lead acid (storage) batteries                              | 鉛量t<br>(lead(t))             | 583                                       | 6,886          | 5,273                             | 557                                       | 628                                       | 6,998                             | 5,464                                     | 483                                       | 1,957                                     | 6,434          |
| <b>アルカリ蓄電池</b><br>Alkaline storage batteries                                 | 千Ah<br>(10 <sup>3</sup> Ah)  | <b>40,586</b>                             | <b>169,958</b> | <b>15,138</b>                     | <b>35,862</b>                             | <b>44,210</b>                             | <b>167,581</b>                    | <b>15,484</b>                             | <b>29,384</b>                             | <b>18,103</b>                             | <b>41,056</b>  |
| ニッケル・水素電池<br>Sealed nickel-metal hydride rechargeable batteries              | 千Ah<br>(10 <sup>3</sup> Ah)  | 37,653                                    | 166,478        | 14,527                            | 34,437                                    | 40,870                                    | 163,639                           | 14,874                                    | 28,417                                    | 16,174                                    | 38,037         |
| その他のアルカリ蓄電池<br>Other alkaline storage batteries                              | 千Ah<br>(10 <sup>3</sup> Ah)  | 2,933                                     | 3,480          | 611                               | 1,425                                     | 3,340                                     | 3,942                             | 610                                       | 967                                       | 1,929                                     | 3,019          |
| <b>リチウムイオン蓄電池</b><br>Small sized sealed lithium ion rechargeable batteries   | 千Ah<br>(10 <sup>3</sup> Ah)  | <b>107,767</b>                            | <b>384,736</b> | <b>37,471</b>                     | <b>8,070</b>                              | <b>107,354</b>                            | <b>362,392</b>                    | <b>36,624</b>                             | <b>4,076</b>                              | <b>74,767</b>                             | <b>303,630</b> |
| 車載用<br>Small sized sealed lithium ion rechargeable batteries for automobiles | 千Ah<br>(10 <sup>3</sup> Ah)  | 71,062                                    | 293,773        | 27,412                            | 140                                       | 70,081                                    | 281,150                           | 26,282                                    | -   | 40,127                                    | 215,173        |
| その他<br>Other small sized sealed lithium ion rechargeable batteries           | 千Ah<br>(10 <sup>3</sup> Ah)  | 36,705                                    | 90,963         | 10,059                            | 7,930                                     | 37,273                                    | 81,242                            | 10,342                                    | 4,076                                     | 34,640                                    | 88,457         |

## 6. 輸送機械 Transport equipment

## (1) 自動車(戦闘用自動車を除く)

Motor vehicles (except combat vehicles)

## ① 車種別の生産・受入・出荷・在庫

By kind of motor vehicles (production, receipts, shipments, inventory)

(単位:台) (Unit: n)

| 品目<br>Commodity  | 生産<br>Production |                                   | 受入<br>Receipts | 出荷 Shipments   |                                   |                | 月末在庫<br>Inventory |
|--|------------------|-----------------------------------|----------------|----------------|-----------------------------------|----------------|-------------------|
|  | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                | 販売 Sales       |                                   | その他<br>Others  |                   |
|  |                  |                                   |                | 数量<br>Quantity | 金額(百万円)<br>Value<br>(million yen) |                |                   |
| <b>自動車</b><br>Motor vehicles   | <b>1,767,569</b> |                                   |                |                |                                   |                |                   |
| <b>四輪自動車</b><br>Motor vehicles   | <b>802,215</b>   | <b>1,704,496</b>                  | <b>487,763</b> | <b>793,341</b> | <b>1,743,692</b>                  | <b>488,032</b> | <b>159,452</b>    |
| <b>乗用車</b><br>Passenger cars   | <b>685,179</b>   | <b>1,411,166</b>                  | <b>433,024</b> | <b>676,282</b> | <b>1,448,156</b>                  | <b>433,594</b> | <b>129,941</b>    |
| 軽自動車(気筒容積660ml以下)<br>Midget passenger cars<br>(cylinder capacity less than or equal to 660ml)  | 124,151          | 128,997                           | 41,903         | 123,564        | 143,590                           | 41,903         | 9,872             |
| 小型自動車<br>(気筒容積660mlを超え2,000ml以下)<br>Small passenger cars (cylinder capacity<br>greater than 660ml and less than or equal to 2,000ml) | 136,174          | 202,853                           | 90,240         | 133,575        | 218,911                           | 90,240         | 23,500            |
| 普通自動車(気筒容積2,000mlを超えるもの)<br>Large passenger cars<br>(cylinder capacity greater than 2,000ml)   | 424,854          | 1,079,316                         | 300,881        | 419,143        | 1,085,655                         | 301,451        | 96,569            |
| <b>バスシャシー(完成車を含む)</b><br>Bus chassis (including complete buses)  | <b>10,027</b>    | <b>35,505</b>                     | <b>9,584</b>   | <b>10,037</b>  | <b>35,995</b>                     | <b>9,453</b>   | <b>3,088</b>      |
| 小型バス<br>Small buses  | 9,422            | 25,506                            | 9,229          | 9,378          | 25,661                            | 9,098          | 2,832             |
| 大型バス<br>Large buses  | 605              | 9,999                             | 355            | 659            | 10,334                            | 355            | 256               |
| <b>トラックシャシー(完成車を含む)</b><br>Truck chassis (including complete trucks)   | <b>107,009</b>   | <b>257,825</b>                    | <b>45,155</b>  | <b>107,022</b> | <b>259,541</b>                    | <b>44,985</b>  | <b>26,423</b>     |
| 軽自動車<br>Midget trucks  | 36,237           | 29,850                            | 5,075          | 37,552         | 31,834                            | 5,075          | 4,808             |
| <b>小型自動車</b><br>Small trucks   | <b>25,773</b>    | <b>47,871</b>                     | <b>18,939</b>  | <b>24,866</b>  | <b>45,419</b>                     | <b>18,940</b>  | <b>6,102</b>      |
| ガソリン車<br>with gasoline engines   | 12,060           | 17,225                            | 10,024         | 12,163         | 17,157                            | 10,024         | 2,408             |
| ディーゼル車<br>with diesel engines  | 13,713           | 30,646                            | 8,915          | 12,703         | 28,262                            | 8,916          | 3,694             |
| <b>普通自動車</b><br>Large trucks   | <b>44,044</b>    | <b>171,092</b>                    | <b>20,711</b>  | <b>43,517</b>  | <b>172,263</b>                    | <b>20,635</b>  | <b>15,217</b>     |
| ガソリン車<br>with gasoline engines   | 4,267            | 9,881                             | 4,267          | 4,045          | 9,415                             | 4,267          | 986               |
| ディーゼル車<br>with diesel engines  | 39,777           | 161,211                           | 16,444         | 39,472         | 162,848                           | 16,368         | 14,231            |
| けん引車<br>Tractor trucks   | 955              | 9,012                             | 430            | 1,087          | 10,025                            | 335            | 296               |
| 特殊自動車<br>Special passenger cars  | 9,090            | 4,072                             | -              | 7,979          | 3,744                             | 5              | 5,634             |
| トレーラ<br>Trailers   | 689              | 4,114                             | -              | 698            | 4,185                             | -              | 177               |
| <b>二輪自動車(モータースクータを含む)</b><br>Motor cycles (including motor scooters)   | <b>52,422</b>    | <b>27,395</b>                     | <b>40,326</b>  | <b>65,150</b>  | <b>30,122</b>                     | <b>23,630</b>  | <b>70,978</b>     |
| 気筒容積50ml以下<br>Cylinder capacity less than or equal to 50ml   | 14,329           | 2,142                             | 14,512         | 16,741         | 2,436                             | 10,029         | 19,332            |
| 気筒容積50mlを超え125ml以下<br>Cylinder capacity greater than 50ml and less than or equal to 125ml  | 5,869            | 1,387                             | 10,842         | 13,090         | 2,976                             | 2,641          | 13,274            |
| 気筒容積125mlを超え250ml以下<br>Cylinder capacity greater than 125ml and less than or equal to 250ml  | 5,843            | 2,450                             | 4,680          | 9,702          | 4,144                             | 691            | 13,294            |
| 気筒容積250mlを超えるもの<br>Cylinder capacity greater than 250ml  | 26,381           | 21,416                            | 10,292         | 25,617         | 20,566                            | 10,269         | 25,078            |

## ① 車種別の生産・受入・出荷・在庫(続き)

By kind of motor vehicles (production, receipts, shipments, inventory)(continued)

(単位:台) (Unit: n)

| 品目<br>Commodity                              | 生産<br>Production |                                   |
|--|------------------|-----------------------------------|
|  | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |
| <b>自動車(続き)</b><br>Motor vehicles (continued) |                  |                                   |
| <b>車体</b><br>Bodies                          | <b>18,079</b>    | <b>27,492</b>                     |
| <b>トラックボデー</b><br>Truck bodies               | <b>4,527</b>     | <b>4,371</b>                      |
| 小型トラック荷台<br>Small truck platforms            | 3,136            | 1,146                             |
| 普通トラック荷台<br>Large truck platforms            | 1,391            | 3,225                             |
| <b>特装ボデー</b><br>Special bodies               | <b>13,552</b>    | <b>23,121</b>                     |
| 小型特装ボデー<br>Small special bodies              | 8,500            | 7,998                             |
| 普通特装ボデー<br>Large special bodies              | 5,052            | 15,123                            |

## ② 生産内訳(ハイブリッド車)

The item of production (hybrid cars)

(単位:台) (Unit: n)

| 品目<br>Commodity  |              | 生産<br>Production |                                   |
|--|--------------|------------------|-----------------------------------|
|  |              | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |
| <b>乗用車</b><br>Passenger cars   | <b>*1 *2</b> | <b>133,498</b>   | <b>325,348</b>                    |
| 軽自動車(気筒容積660ml以下)<br>Midget passenger cars<br>(cylinder capacity less than or equal to 660ml)                                    |              | x                | x                                 |
| 小型自動車(気筒容積660mlを超え2,000ml以下)<br>Small passenger cars (cylinder capacity<br>greater than 660ml and less than or equal to 2,000ml) |              | 59,184           | 101,473                           |
| 普通自動車(気筒容積2,000mlを超えるもの)<br>Large passenger cars<br>(cylinder capacity greater than 2,000ml)                                     |              | 74,314           | 223,875                           |
| バス<br>Buses  | *1           | x                | x                                 |
| トラック<br>Trucks   | *1           | 224              | 869                               |

\*1 自動車の内数

\*2 乗用車の生産内訳の合計には、軽自動車(気筒容積660ml以下)を含まない。

Notes1) The inner of motor vehicles

Notes2) Passenger cars do not includes Midget passenger cars (cylinder capacity less than or equal to 660ml).

## (2) 自動車部品及び内燃機関電装品

## Parts for motor vehicles and electric equipment for internal combustion engines

| 品目<br>Commodity  | 数量<br>単位<br>Unit | 生産<br>Production |                                   | 品目<br>Commodity  | 数量<br>単位<br>Unit | 生産<br>Production |                                   |
|--|------------------|------------------|-----------------------------------|--|------------------|------------------|-----------------------------------|
|  |                  | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |  |                  | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |
| <b>自動車部品及び内燃機関電装品 *</b><br>Parts for motor vehicles and electric equipment for internal combustion engines |                  |                  | <b>802,420</b>                    |  |                  |                  |                                   |
| <b>自動車部品</b><br>Parts for motor vehicles   |                  |                  | <b>751,181</b>                    |  |                  |                  |                                   |
| <b>エンジン</b><br>Engines   |                  |                  | <b>186,598</b>                    |  |                  |                  |                                   |
| ガソリンエンジン<br>Gasoline engines   | 台<br>(n)         | 885,704          | 145,534                           | ブレーキパイプ<br>Brake pipes   | 個<br>(n)         | 17,851,096       | 3,218                             |
| ディーゼルエンジン<br>Diesel engines  | 台<br>(n)         | 86,345           | 41,064                            | ブレーキシュー<br>Brake shoes   | 個<br>(n)         | 9,724,587        | 2,687                             |
| <b>機関部品</b><br>Engine parts  |                  |                  | <b>51,750</b>                     | 電子式ブレーキ制御装置<br>Electronic brake-related devices                                    | 個<br>(n)         | 1,784,092        | 19,525                            |
| ピストン<br>Pistons  | 個<br>(n)         | 5,767,291        | 4,198                             | <b>シャシー及び車体部品</b><br>Chassis and body parts  |                  |                  | <b>144,270</b>                    |
| ピストンリング<br>Piston rings  | 個<br>(n)         | 42,386,740       | 4,307                             | 燃料タンク(LPG用を除く)<br>Fuel tanks (except L.P.G. tanks)                                 | 個<br>(n)         | 839,560          | 7,585                             |
| シリンダーライナ<br>Cylinder liners  | 個<br>(n)         | 4,760,243        | 1,841                             | 排気管・消音器<br>Exhaust pipes and mufflers  | 個<br>(n)         | 6,564,826        | 31,851                            |
| 吸気弁・排気弁<br>Intake valves and exhaust valves  | 個<br>(n)         | 27,361,140       | 4,184                             | 窓わく<br>Window frames   | 個<br>(n)         | 5,512,561        | 2,677                             |
| ガスケット<br>Gaskets   | 個<br>(n)         | 17,521,899       | 2,370                             | ドアヒンジ・ドアハンドル・ロック<br>Door hinges, door handles and locks                            | 個<br>(n)         | 32,480,958       | 7,679                             |
| 燃料ポンプ<br>Fuel pumps  | 個<br>(n)         | 1,162,794        | 2,357                             | 窓ガラス開閉装置<br>Window regulators system   | 個<br>(n)         | 2,951,747        | 4,159                             |
| 気化器・燃料噴射装置<br>Carburetors and fuel injection equipment   | 個<br>(n)         | 1,285,977        | 18,215                            | シート<br>Seats   | 個<br>(n)         | 1,906,084        | 73,957                            |
| 空気清浄器<br>Air filters   | 個<br>(n)         | 1,807,206        | 1,750                             | シートベルト<br>Seatbelts  | 個<br>(n)         | 4,228,837        | 7,679                             |
| 油清浄器<br>Oil filters  | 個<br>(n)         | 1,226,410        | 1,065                             | エアバックモジュール<br>Air bag module   | 個<br>(n)         | 3,027,693        | 8,683                             |
| 油ポンプ<br>Oil pumps  | 個<br>(n)         | 2,411,851        | 2,705                             | <b>その他の部品</b><br>Other parts   |                  |                  | <b>37,756</b>                     |
| 水ポンプ<br>Water pumps  | 個<br>(n)         | 1,781,849        | 2,443                             | スイッチ類<br>Switches  | 個<br>(n)         | 37,951,382       | 17,889                            |
| 放熱器(ラジエータ)<br>Radiators  | 個<br>(n)         | 990,761          | 6,315                             | 計器類<br>Meters  | 個<br>(n)         | 1,669,454        | 9,289                             |
| <b>駆動伝導及び操縦装置部品</b><br>Drive, transmission and control parts   |                  |                  | <b>287,988</b>                    | ワイパー<br>Windshield wipers  | 個<br>(n)         | 2,465,952        | 9,284                             |
| クラッチ装置<br>Clutch system  | 個<br>(n)         | 2,612,533        | 4,834                             | 警告器<br>Horns   | 個<br>(n)         | x                | x                                 |
| 自動変速装置<br>Automatic transmission system  | 個<br>(n)         | 1,832,990        | 222,815                           | 暖房装置<br>Heaters  | 個<br>(n)         | x                | x                                 |
| ユニバーサルジョイント<br>Universal joints  | 個<br>(n)         | 1,879,766        | 3,530                             | <b>内燃機関電装品(自動車用以外のものを含む)</b><br>Electric equipment for internal combustion engines |                  |                  | <b>37,770</b>                     |
| プロペラシャフト<br>Propeller shafts   | 個<br>(n)         | 395,316          | 4,265                             | 充電発電機(ダイナモ)<br>Ignition generators   | 個<br>(n)         | 1,501,428        | 12,804                            |
| 車輪<br>Wheels   | 個<br>(n)         | 3,108,719        | 10,230                            | 始動電動機(スタータ)<br>Starters  | 個<br>(n)         | 2,046,666        | 10,291                            |
| かじ取りハンドル<br>Steering wheels  | 個<br>(n)         | 865,524          | 4,511                             | 配電器(ディストリビュータ)<br>Distributors   | 個<br>(n)         | 9,875            | 96                                |
| ステアリング装置・タイロッド・タイロッドエンド<br>Steering system, tie rods and tie rod ends                                      | 個<br>(n)         | 11,134,178       | 37,803                            | 点火線輪(イグニッションコイル)<br>Ignition coils   | 個<br>(n)         | 6,624,016        | 4,885                             |
| <b>懸架制動装置部品</b><br>Suspension and brake parts  |                  |                  | <b>42,819</b>                     | 点火栓(プラグ)<br>Sparking plugs   | 個<br>(n)         | 47,420,494       | 9,694                             |
| ショックアブソーバ<br>Shock absorbers   | 個<br>(n)         | 4,405,164        | 9,775                             | <b>二輪自動車部品</b><br>Parts for motor cycles   |                  |                  | <b>13,469</b>                     |
| ブレーキ倍力装置<br>Power brake system   | 個<br>(n)         | 638,616          | 2,263                             | エンジン<br>Engines  | 台<br>(n)         | 37,471           | 8,322                             |
| ブレーキシリンダ<br>Brake cylinders  | 個<br>(n)         | 2,299,832        | 5,351                             | 気化器<br>Carburetors   | 個<br>(n)         | 160,202          | 811                               |
|  |                  |                  |                                   | ショックアブソーバ<br>Shock absorbers   | 個<br>(n)         | 174,165          | 2,031                             |
|  |                  |                  |                                   | 計器類<br>Meters  | 個<br>(n)         | 49,423           | 332                               |
|  |                  |                  |                                   | ブレーキ装置<br>Brake equipment  | 個<br>(n)         | 399,673          | 1,973                             |

\* 自動車部品及び内燃機関電装品の合計には、二輪自動車部品を含む。

Notes) Total of parts for motor vehicles and electric equipment for internal combustion engines includes parts for motor cycles.

## (3) 自転車及び車いす(原動機付自転車を除く)

Bicycles and wheelchairs (except motorbike)

(単位:台) (Unit: n)

| 品目<br>Commodity                             | 生産<br>Production |                                   | 受入<br>Receipts | 出荷<br>Shipments  |                                   |               | 月末在庫<br>Inventory |
|---|------------------|-----------------------------------|----------------|------------------|-----------------------------------|---------------|-------------------|
|   | 数量<br>Quantity   | 金額(千円)<br>Value<br>(thousand yen) |                | 販売<br>Sales      |                                   | その他<br>Others |                   |
|   |                  |                                   |                | 数量<br>Quantity   | 金額(千円)<br>Value<br>(thousand yen) |               |                   |
| <b>自転車及び車いす</b><br>Bicycles and wheelchairs | <b>4,498,935</b> |                                   |                | <b>6,524,377</b> |                                   |               |                   |
| <b>完成自転車</b><br>Fully assembled bicycles    | <b>57,334</b>    | <b>3,793,177</b>                  | <b>90,284</b>  | <b>113,172</b>   | <b>5,277,325</b>                  | <b>35,724</b> | <b>136,163</b>    |
| 軽快車<br>Light bicycles                       | 8,926            | 121,771                           | 26,098         | 37,299           | 538,909                           | 1,500         | 27,420            |
| 電動アシスト車<br>Electric power assist bicycles   | 42,675           | 3,527,838                         | 46,769         | 51,069           | 4,150,918                         | 32,705        | 69,869            |
| その他<br>Other bicycles                       | 5,733            | 143,568                           | 17,417         | 24,804           | 587,498                           | 1,519         | 38,874            |
| <b>車いす</b><br>Wheelchairs                   | <b>7,012</b>     | <b>705,758</b>                    | <b>12,402</b>  | <b>19,158</b>    | <b>1,247,052</b>                  | <b>15</b>     | <b>17,110</b>     |
| 手動式車いす<br>Manually propelled wheelchairs    | 5,535            | 355,723                           | 12,388         | 17,717           | 872,664                           | 15            | 16,678            |
| 電動式車いす<br>Electric wheelchairs              | 1,477            | 350,035                           | 14             | 1,441            | 374,388                           | -             | 432               |

## (4) 産業車両

Industrial vehicles

(単位:台) (Unit: n)

| 品目<br>Commodity   | 生産<br>Production |                        |                                   | 受入<br>Receipts | 出荷<br>Shipments |                                   |               | 月末在庫<br>Inventory |
|---|------------------|------------------------|-----------------------------------|----------------|-----------------|-----------------------------------|---------------|-------------------|
|   | 数量<br>Quantity   | 重量(t)<br>Weight<br>(t) | 金額(百万円)<br>Value<br>(million yen) |                | 販売<br>Sales     |                                   | その他<br>Others |                   |
|   |                  |                        |                                   |                | 数量<br>Quantity  | 金額(百万円)<br>Value<br>(million yen) |               |                   |
| <b>産業車両</b><br>Industrial vehicles  | <b>12,819</b>    | <b>46,007</b>          | <b>31,841</b>                     | <b>25</b>      | <b>12,590</b>   | <b>30,611</b>                     | <b>25</b>     | <b>3,308</b>      |
| 蓄電池式運搬車(パレットトラックを含む)・<br>内燃機関運搬車・無人搬送車<br>Electric platform trucks (including pallet trucks),<br>internal combustion platform trucks and<br>automatic guided vehicles | 663              | 575                    | 863                               | 20             | 670             | 1,013                             | 21            | 78                |
| <b>フォークリフトトラック</b><br>Forklift trucks   | <b>11,138</b>    | <b>37,043</b>          | <b>23,100</b>                     | <b>5</b>       | <b>11,144</b>   | <b>23,026</b>                     | <b>2</b>      | <b>2,307</b>      |
| 蓄電池式<br>Electric type   | 5,648            | 15,968                 | 11,485                            | 5              | 5,547           | 11,208                            | 2             | 879               |
| 内燃機関式<br>Internal combustion type   | 5,490            | 21,075                 | 11,615                            | -              | 5,597           | 11,818                            | -             | 1,428             |
| ショベルトラック<br>Shovel trucks   | 1,018            | 8,389                  | 7,878                             | -              | 776             | 6,572                             | 2             | 923               |

(5) 航空機  
Aircraft

| 品目<br>Commodity  | 単位<br>Unit       | 生産<br>Production |  |                |                                   |                | 修理<br>Repair  |   |                                   |               |
|--|------------------|------------------|--|----------------|-----------------------------------|----------------|---------------|---|-----------------------------------|---------------|
|  |                  | 計 Total          | 防衛省及び特需<br>For the Ministry of Defense<br>and special procurements |                | その他<br>Others                     |                | 計 Total       | 防衛省及び特需<br>For the Ministry of<br>Defense and special<br>procurements |                                   | その他<br>Others |
|  |                  |                  | 金額(百万円)<br>Value<br>(million yen)                                  | 数量<br>Quantity | 金額(百万円)<br>Value<br>(million yen) | 数量<br>Quantity |               | 金額(百万円)<br>Value<br>(million yen)                                     | 金額(百万円)<br>Value<br>(million yen) |               |
| <b>航空機計</b><br>Aircraft total  |                  | <b>118,225</b>   |  | <b>23,419</b>  |                                   | <b>94,806</b>  | <b>15,887</b> | <b>10,884</b>   | <b>5,003</b>                      |               |
| <b>航空機</b><br>Aircraft   | <b>機<br/>(n)</b> | <b>14,578</b>    | <b>1</b>   | <b>14,578</b>  | <b>-</b>                          | <b>-</b>       | <b>9,643</b>  | <b>8,536</b>  | <b>1,107</b>                      |               |
| ターボジェット機<br>Turbo-jet airplanes  | 機<br>(n)         | 14,578           | 1  | 14,578         | -                                 | -              | 7,675         | 6,815   | 860                               |               |
| ターボプロップ機<br>Turbo-prop airplanes   | 機<br>(n)         | -                | -  | -              | -                                 | -              | 1,204         | 1,140   | 64                                |               |
| ヘリコプタ<br>Helicopters   | 機<br>(n)         | -                | -  | -              | -                                 | -              | 582           | 579   | 3                                 |               |
| その他の航空機<br>Other aircrafts   | 機<br>(n)         | -                | -  | -              | -                                 | -              | 182           | 2   | 180                               |               |
| <b>機体部品・付属装置</b><br>Airframe parts and assemblies  |                  | <b>43,999</b>    |  | <b>3,681</b>   |                                   | <b>40,318</b>  | <b>1,241</b>  | <b>583</b>  | <b>658</b>                        |               |
| 機体部品<br>(プロペラ・回転翼を含む)<br>Airframe components (including<br>propellers and rotors)  |                  | 38,961           | ...  | 3,001          | ...                               | 35,960         | 952           | 455   | 497                               |               |
| 付属装置・室内装備<br>(救命装置を含む)<br>Aircraft appliance equipments and<br>interior equipments<br>(including life saving equipments) |                  | 5,038            | ...  | 680            | ...                               | 4,358          | 289           | 128   | 161                               |               |
| <b>発動機</b><br>Aircraft engines   |                  | <b>55,146</b>    |  | <b>2,589</b>   |                                   | <b>52,557</b>  | <b>3,437</b>  | <b>423</b>  | <b>3,014</b>                      |               |
| ターボジェット発動機<br>Turbo-jet engines  | 基<br>(n)         | 819              | 1  | 819            | -                                 | -              | 3,135         | 289   | 2,846                             |               |
| ターボシャフト発動機<br>Turbo-shaft engines  | 基<br>(n)         | -                | -  | -              | -                                 | -              | 72            | 38  | 34                                |               |
| その他の発動機<br>Other aircraft engines  | 基<br>(n)         | -                | -  | -              | -                                 | -              | 67            | 67  | -                                 |               |
| 発動機部品<br>Aircraft engine parts   |                  | 54,327           | ...  | 1,770          | ...                               | 52,557         | 163           | 29  | 134                               |               |
| 補機(発動機の付属品を含む)<br>Aircraft accessories (including<br>accessories of aircraft engines)                                    |                  | 3,120            | ...  | 1,758          | ...                               | 1,362          | 434           | 368   | 66                                |               |
| 航空計器・操縦訓練用設備<br>Aeronautical instruments and<br>pilot training instruments   |                  | 1,382            | ...  | 813            | ...                               | 569            | 1,132         | 974   | 158                               |               |

7. 窯業・土石(建材)製品 Ceramics and building materials

(30年7月) (Jul. 2018)

(1) 板ガラス・安全ガラス・複層ガラス及びガラス繊維

Flat glass, safety glass, multiple glass and glass fiber products

| 品 目<br>Commodity  | 単位<br>Unit      | 生 産<br>Production | 受 入<br>Receipt    | 消 費<br>Consumption | 出 荷<br>Shipments  |                                    |                  | 月末在庫<br>Inventory |
|---|-----------------|-------------------|-------------------|--------------------|-------------------|------------------------------------|------------------|-------------------|
|   |                 |                   |                   |                    | 販 売<br>Sales      |                                    | そ の 他<br>Others  |                   |
|   |                 |                   |                   |                    | 数 量<br>Quantity   | 金 額(千円)<br>Value<br>(thousand yen) |                  |                   |
| 板ガラス<br>Flat glass  | 換算箱<br>(blocks) | 2,368,255         | 402,267           | 221,535            | 2,015,647         | 6,947,042                          | 322,204          | 6,192,919         |
| <b>安全ガラス・複層ガラス</b><br>Safety and multiple glass   | m <sup>2</sup>  | <b>5,278,752</b>  | <b>1,034,339</b>  | ...                | <b>5,113,903</b>  | <b>25,110,170</b>                  | <b>1,034,851</b> | <b>3,369,548</b>  |
| <b>安全ガラス</b><br>Safety glass  | m <sup>2</sup>  | <b>3,949,518</b>  | <b>401,740</b>    | ...                | <b>3,823,517</b>  | <b>18,670,139</b>                  | <b>371,856</b>   | <b>3,255,163</b>  |
| <b>合わせガラス</b><br>Laminated glass  | m <sup>2</sup>  | <b>1,475,961</b>  | <b>225,031</b>    | ...                | <b>1,404,142</b>  | <b>9,492,234</b>                   | <b>247,094</b>   | <b>1,166,610</b>  |
| 自動車用及び鉄道車両用合<br>わせガラス<br>Laminated glass for road vehicles<br>and railway rolling stock | m <sup>2</sup>  | 1,249,536         | 41,221            | ...                | 1,200,874         | 7,991,968                          | 39,407           | 1,109,934         |
| その他の合わせガラス<br>Other laminated glass   | m <sup>2</sup>  | 226,425           | 183,810           | ...                | 203,268           | 1,500,266                          | 207,687          | 56,676            |
| 強化ガラス<br>Tempered glass   | m <sup>2</sup>  | 2,473,557         | 176,709           | ...                | 2,419,375         | 9,177,905                          | 124,762          | 2,088,553         |
| 複層ガラス<br>Multiple glass   | m <sup>2</sup>  | 1,329,234         | 632,599           | ...                | 1,290,386         | 6,440,031                          | 662,995          | 114,385           |
| <b>ガラス繊維製品</b><br>Glass fiber products  | kg              | <b>36,587,889</b> | <b>11,270,994</b> | <b>2,178,547</b>   | <b>41,494,639</b> | <b>14,625,152</b>                  | <b>1,472,451</b> | <b>61,066,924</b> |
| <b>ガラス短繊維製品</b><br>Glass fiber wool products  | kg              | <b>17,775,421</b> | <b>1,651,257</b>  | <b>59,642</b>      | <b>18,110,380</b> | <b>6,171,371</b>                   | <b>783,720</b>   | <b>18,046,068</b> |
| フェルト<br>Glass fiber wool felts  | kg              | 14,329,928        | 1,504,319         | 20,000             | 14,763,539        | 4,669,022                          | 571,401          | 13,283,938        |
| ボード<br>Glass fiber wool boards  | kg              | 1,732,516         | 92,166            | 1,000              | 1,786,796         | 811,420                            | 56,765           | 2,250,694         |
| その他のガラス短繊維製品<br>Other glass fiber wool products   | kg              | 1,712,977         | 54,772            | 38,642             | 1,560,045         | 690,929                            | 155,554          | 2,511,436         |
| <b>ガラス長繊維製品</b><br>Glass fiber continuous textiles                                      | kg              | <b>18,812,468</b> | <b>9,619,737</b>  | <b>2,118,905</b>   | <b>23,384,259</b> | <b>8,453,781</b>                   | <b>688,731</b>   | <b>43,020,856</b> |
| ロービング<br>Glass fiber rovings  | kg              | 5,230,280         | 1,325,245         | 654,523            | 5,209,977         | 919,308                            | 6,609            | 9,782,688         |
| チョップドストランド<br>Glass fiber chopped strand  | kg              | 9,734,892         | 5,259,705         | 181,868            | 13,341,169        | 2,506,259                          | -                | 24,201,917        |
| マット<br>Glass fiber mats   | kg              | 1,064,376         | 792,496           | 385                | 1,659,490         | 406,988                            | 29               | 2,033,835         |
| 糸<br>Glass fiber yarn   | kg              | 787,470           | 1,892,431         | 1,211,628          | 993,817           | 892,103                            | 493,370          | 2,975,617         |
| 布<br>Glass fiber cloth  | kg              | 1,188,374         | 269,714           | 69,044             | 1,226,938         | 2,829,132                          | 168,744          | 2,577,239         |
| その他のガラス長繊維製品<br>Other glass fiber continuous textiles                                   | kg              | 807,076           | 80,146            | 1,457              | 952,868           | 899,991                            | 19,979           | 1,449,560         |



## (2) ガラス製品・ほうろう鉄器

## Glass products and enameled iron products

| 品 目<br>Commodity   | 単位<br>Unit         | 生 産<br>Production | 受 入<br>Receipt | 出 荷<br>Shipments |                                      |                 | 月 末 在 庫<br>Inventory |
|--|--------------------|-------------------|----------------|------------------|--------------------------------------|-----------------|----------------------|
|  |                    |                   |                | 販 売<br>Sales     |                                      | そ の 他<br>Others |                      |
|  |                    |                   |                | 数 量<br>Quantity  | 金 額 (千 円)<br>Value<br>(thousand yen) |                 |                      |
| <b>ガラス製品</b><br>Glass products                                     |                    |                   |                |                  |                                      |                 |                      |
| <b>基礎製品</b><br>Glass foundation products                           | t                  | 2,743             | 1,085          | 2,923            | 2,219,875                            | 345             | 6,926                |
| 電球類用・電子管用ガラスバルブ (管・棒を含む)<br>Glass bulbs for electric lamp and tube | t                  | 2,377             | 1,013          | 2,529            | 570,182                              | 261             | 4,573                |
| 光学用ガラス素地<br>Optical glass blanks                                   | t                  | 325               | 56             | 309              | 1,441,840                            | 84              | 958                  |
| 照明・信号用ガラスレンズ<br>Glass lenses for lighting or signal                | t                  | 41                | 16             | 85               | 207,853                              | -               | 1,395                |
| 理化学・医学用ガラス<br>Laboratory and medical glass                         | t                  | x                 | x              | x                | x                                    | x               | x                    |
| 無アルカリガラス基板<br>Nonalkali glass substrates                           | 1000m <sup>2</sup> | 2,998             | 296            | 3,642            | 5,956,375                            | -               | 12,132               |
| 化学強化ガラス<br>Chemically strengthened glass                           | 1000m <sup>2</sup> | x                 | x              | x                | x                                    | x               | x                    |
| <b>容器類</b><br>Glass containers                                     | t                  | 103,029           | 9,178          | 101,529          | 10,507,567                           | 9,248           | 241,661              |
| <b>飲料用</b><br>Beverage bottles                                     | t                  | 52,723            | 6,029          | 51,251           | 5,050,569                            | 6,400           | 138,753              |
| 酒類用びん<br>Alcoholic beverage bottles                                | t                  | 30,877            | 4,995          | 26,176           | 2,889,897                            | 5,361           | 82,088               |
| 清涼飲料用びん<br>Soft drink bottles                                      | t                  | 13,156            | 980            | 16,006           | 1,321,582                            | 973             | 32,954               |
| し好・滋養飲料用びん<br>Fancy drink bottles                                  | t                  | 8,690             | 54             | 9,069            | 839,090                              | 66              | 23,711               |
| 食料用・調味料用容器<br>Food or seasoning containers                         | t                  | 23,663            | 2,231          | 24,779           | 2,460,539                            | 2,317           | 55,020               |
| 化粧品用容器<br>Cosmetic containers                                      | t                  | 2,006             | 21             | 1,921            | 847,679                              | 3               | 4,945                |
| 薬びん<br>Medicine bottles  | t                  | 24,637            | 897            | 23,578           | 2,148,780                            | 528             | 42,943               |
| <b>台所・食卓用品</b><br>Tablewares and kitchenwares                      | t                  | 3,020             | -              | 3,293            | 1,945,735                            | 43              | 17,311               |
| コップ<br>Tumblers  | t                  | 1,373             | -              | 1,582            | 953,200                              | 27              | 10,239               |
| その他の台所・食卓用品<br>Other tablewares and kitchenwares                   | t                  | 1,647             | -              | 1,711            | 992,535                              | 16              | 7,072                |
| その他のガラス製品<br>Other glass products                                  | t                  | 6,826             | 2,159          | 5,274            | 3,485,993                            | 3,305           | 12,665               |
| ほうろう鉄器製品<br>Enameled iron products                                 | t                  | 3,078             | 1              | 1,055            | 973,346                              | 1,985           | 930                  |

## (3) セメント・セメント製品

## Cement and cement products

| 品 目<br>Commodity  | 単位<br>Unit            | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷<br>Shipments |                                    |                 | 月末在庫<br>Inventory |
|---|-----------------------|-------------------|----------------|--------------------|------------------|------------------------------------|-----------------|-------------------|
|   |                       |                   |                |                    | 販 売<br>Sales     |                                    | そ の 他<br>Others |                   |
|   |                       |                   |                |                    | 数 量<br>Quantity  | 金 額(千円)<br>Value<br>(thousand yen) |                 |                   |
| <b>セメント</b><br>Cement   | t                     | 4,771,000         | 122,394        | 170,113            | 4,517,944        | 32,397,913                         | 77,186          | 1,249,920         |
| <b>ポルトランドセメント</b><br>Portland cement                                | t                     | 3,610,065         | 118,945        | 81,660             | 3,449,191        | 24,931,812                         | 71,725          | 1,039,098         |
| 早強・中庸熱<br>High early strength and moderate<br>heat portland cement  | t                     | 314,765           | 1,770          | ...                | 293,873          | 2,589,693                          | 4,628           | 152,625           |
| 普通<br>Ordinary portland cement                                      | t                     | 3,295,300         | 117,175        | 81,660             | 3,155,318        | 22,342,119                         | 67,097          | 886,473           |
| 高炉セメント<br>Portland blast-furnace cement                             | t                     | 1,003,369         | 414            | 88,453             | 899,617          | 6,257,452                          | 3,198           | 164,541           |
| その他のセメント<br>Other cement  | t                     | 157,566           | 3,035          | ...                | 169,136          | 1,208,649                          | 2,263           | 46,281            |
| クリンカ<br>Clinker   | t                     | 4,383,332         | 283,801        | 3,998,598          | 397,435          | 1,584,273                          | 283,801         | 766,595           |
| <b>セメント製品</b><br>Cement products                                    |                       |                   |                |                    |                  |                                    |                 |                   |
| <b>遠心力鉄筋コンクリート製品</b><br>Centrifugal reinforced-concrete<br>products | t                     | 176,849           | 5,788          | ...                | 172,053          | 6,306,951                          | 5,271           | 380,432           |
| 遠心力鉄筋コンクリート管<br>Centrifugal reinforced-concrete pipes               | t                     | 14,550            | 1,166          | ...                | 12,504           | 583,033                            | 2,121           | 65,332            |
| 遠心力鉄筋コンクリートポール<br>Centrifugal reinforced-concrete poles             | t                     | 39,764            | 817            | ...                | 40,027           | 2,494,363                          | 894             | 105,518           |
| 遠心力鉄筋コンクリートパイル<br>Centrifugal reinforced-concrete piles             | t                     | 122,535           | 3,805          | ...                | 119,522          | 3,229,555                          | 2,256           | 209,582           |
| 空洞コンクリートブロック<br>Hollow concrete blocks                              | 1000個<br>(1000n)      | 5,259             | 155            | ...                | 5,569            | 1,073,695                          | 35              | 5,606             |
| 護岸用コンクリートブロック<br>Concrete blocks for bank protection                | t                     | 51,145            | 2,926          | ...                | 45,602           | 708,249                            | 2,820           | 234,145           |
| 道路用コンクリート製品<br>Concrete products for road                           | t                     | 185,243           | 8,169          | ...                | 183,330          | 4,570,447                          | 2,870           | 848,835           |
| <b>プレストレストコンクリート製品</b><br>Prestressed concrete products             | t                     | 61,031            | 136            | ...                | 62,774           | 1,840,369                          | 50              | 118,921           |
| はり・けた<br>Beam and crossbeam   | t                     | 12,972            | -              | ...                | 12,984           | 546,819                            | -               | 26,625            |
| その他のプレストレストコンクリート製品<br>Other prestressed concrete products          | t                     | 48,059            | 136            | ...                | 49,790           | 1,293,550                          | 50              | 92,296            |
| 木毛・木片セメント板<br>Wood wool and wooden chip cement board                | 1000枚<br>(1000sheets) | 1,694             | 1,209          | ...                | 2,313            | 3,904,599                          | 487             | 2,849             |
| 気泡コンクリート製品<br>Autoclaved light weight concrete products             | m <sup>3</sup>        | 135,466           | 1,847          | ...                | 133,838          | 4,366,383                          | 2,802           | 55,616            |

## (4) 陶磁器

| Ceramic wares  |                | 生産<br>Production |                                   | 受 入<br>Receipt | 出 荷<br>Shipments |                                   |                 | 月末在庫<br>Inventory |
|--|----------------|------------------|-----------------------------------|----------------|------------------|-----------------------------------|-----------------|-------------------|
| 品 目<br>Commodity   | 単位<br>Unit     | 数 量<br>Quantity  | 金額(千円)<br>Value<br>(thousand yen) |                | 販 売<br>Sales     |                                   | そ の 他<br>Others |                   |
|  |                |                  |                                   |                | 数 量<br>Quantity  | 金額(千円)<br>Value<br>(thousand yen) |                 |                   |
| <b>タイル</b><br>Tiles  | m <sup>2</sup> | <b>1,706,548</b> | ...                               | <b>542,357</b> | <b>1,508,764</b> | <b>3,465,224</b>                  | <b>481,374</b>  | <b>6,468,550</b>  |
| 外装(50cm <sup>2</sup> をこえるもの)<br>Facing tiles (more than 50cm <sup>2</sup> )        | m <sup>2</sup> | 430,639          | ...                               | 179,908        | 411,526          | 1,152,283                         | 62,755          | 2,470,207         |
| 内装(50cm <sup>2</sup> をこえるもの)<br>Interior wall tiles (more than 50cm <sup>2</sup> ) | m <sup>2</sup> | 211,112          | ...                               | 12,123         | 156,636          | 513,114                           | 63,247          | 492,148           |
| 床(50cm <sup>2</sup> をこえるもの)<br>Floor tiles (more than 50cm <sup>2</sup> )          | m <sup>2</sup> | 320,653          | ...                               | 115,873        | 230,418          | 738,018                           | 177,700         | 1,063,638         |
| モザイク(陶片)(50cm <sup>2</sup> 以下のもの)<br>Mosaic tiles (less than 50cm <sup>2</sup> )   | m <sup>2</sup> | 744,144          | ...                               | 234,453        | 710,184          | 1,061,809                         | 177,672         | 2,442,557         |
| <b>衛生用品</b><br>Sanitary wares  | 個<br>(n)       | <b>417,390</b>   | ...                               | <b>113,307</b> | <b>473,383</b>   | <b>4,744,613</b>                  | <b>44,386</b>   | <b>641,801</b>    |
| <b>水洗式便器</b><br>Water closet   | 個<br>(n)       | <b>192,015</b>   | ...                               | <b>84,034</b>  | <b>254,511</b>   | <b>3,461,541</b>                  | <b>21,381</b>   | <b>347,733</b>    |
| 大便器<br>Water closet squat type   | 個<br>(n)       | 178,198          | ...                               | 84,034         | 240,610          | 3,123,978                         | 21,368          | 333,866           |
| 小便器<br>Urinal  | 個<br>(n)       | 13,817           | ...                               | -              | 13,901           | 337,563                           | 13              | 13,867            |
| 洗面手洗器<br>Lavatories and wash basins  | 個<br>(n)       | 93,776           | ...                               | 25,312         | 88,126           | 481,612                           | 19,553          | 133,484           |
| タンク・流し類<br>Tanks and sinks   | 個<br>(n)       | 131,599          | ...                               | 3,961          | 130,746          | 801,460                           | 3,452           | 160,584           |
| <b>電気用品</b><br>Electrical porcelain insulators                                     | kg             | <b>3,177,017</b> | ...                               | <b>84,761</b>  | <b>3,414,237</b> | <b>2,382,091</b>                  | <b>20,529</b>   | <b>7,864,422</b>  |
| <b>がい子(がい管を含む)</b><br>Insulators (including hollow porcelains)                     | kg             | <b>3,025,047</b> | ...                               | <b>82,761</b>  | <b>3,280,058</b> | <b>2,062,101</b>                  | <b>20,529</b>   | <b>7,738,101</b>  |
| 特別高圧用<br>Extra-high voltage  | kg             | 1,066,059        | ...                               | 16,705         | 1,048,333        | 942,751                           | 20,200          | 4,061,643         |
| 高・低圧用<br>High and low voltage  | kg             | 1,958,988        | ...                               | 66,056         | 2,231,725        | 1,119,350                         | 329             | 3,676,458         |
| その他の電気用品<br>Other electrical porcelain insulators                                  | kg             | 151,970          | ...                               | 2,000          | 134,179          | 319,990                           | -               | 126,321           |
| <b>台所・食卓用品</b><br>Ceramic wares for tablewares and kitchenwares                    | kg             | <b>3,774,714</b> | <b>2,094,916</b>                  | ...            | ...              | ...                               | ...             | ...               |
| <b>飲食器</b><br>Ceramic tablewares   | kg             | <b>3,550,248</b> | <b>1,958,157</b>                  | ...            | ...              | ...                               | ...             | ...               |
| 和飲食器<br>Japanese style tablewares  | kg             | 2,779,886        | 1,459,272                         | ...            | ...              | ...                               | ...             | ...               |
| 洋飲食器<br>Foreign style tablewares   | kg             | 770,362          | 498,885                           | ...            | ...              | ...                               | ...             | ...               |
| その他の台所・食卓用品<br>Other ceramic tablewares and kitchenwares                           | kg             | 224,466          | 136,759                           | ...            | ...              | ...                               | ...             | ...               |
| 玩具・置物<br>Toys and ornamental wares   | kg             | 80,721           | 126,351                           | ...            | ...              | ...                               | ...             | ...               |

## (5) ファインセラミックス

| Fine ceramics  |                         |                   |                  |                                   |                 |                   |
|--|-------------------------|-------------------|------------------|-----------------------------------|-----------------|-------------------|
| 品 目<br>Commodity   | 単位<br>Unit              | 生 産<br>Production | 出 荷<br>Shipments |                                   |                 | 月末在庫<br>Inventory |
|  |                         |                   | 販 売<br>Sales     |                                   | そ の 他<br>Others |                   |
|  |                         |                   | 数 量<br>Quantity  | 金額(百万円)<br>Value<br>(million yen) |                 |                   |
| <b>機能材</b><br>For functional use   | <b>1000個</b><br>(1000n) | <b>3,146,736</b>  | <b>3,139,690</b> | <b>43,629</b>                     | <b>103</b>      | <b>1,299,399</b>  |
| <b>パッケージ</b><br>Ceramic packages   | <b>1000個</b><br>(1000n) | <b>1,210,197</b>  | <b>1,118,960</b> | <b>12,263</b>                     | <b>-</b>        | <b>925,012</b>    |
| 集積回路用<br>For integrated circuits use   | 1000個<br>(1000n)        | 4,984             | 5,063            | 1,215                             | -               | 2,583             |
| 機能回路用<br>For functional circuits use   | 1000個<br>(1000n)        | 1,205,213         | 1,113,897        | 11,048                            | -               | 922,429           |
| 基板(白基板)<br>Ceramic substrates  | 1000個<br>(1000n)        | 363,400           | 443,473          | 1,440                             | 60              | 281,481           |
| 圧電機能素子<br>Piezoelectric ceramic devices  | 1000個<br>(1000n)        | 1,502,318         | 1,507,035        | 14,623                            | 43              | 70,296            |
| ガスセンサ素子<br>Gas sensor devices  | 1000個<br>(1000n)        | 29,479            | 28,956           | 11,502                            | -               | 9,699             |
| 生体用部材<br>Bioceramics   | 1000個<br>(1000n)        | 20                | 20               | 581                               | -               | 138               |
| その他の機能材<br>Other ceramic products for functional use   | 1000個<br>(1000n)        | 41,322            | 41,246           | 3,220                             | -               | 12,773            |
| <b>構造材(除く触媒担体・セラミックフィルタ)</b><br>For structural use (except ceramic catalyst supports and ceramic filter) | <b>1000個</b><br>(1000n) | <b>119,487</b>    | <b>118,414</b>   | <b>17,589</b>                     | <b>2,351</b>    | <b>61,974</b>     |
| 触媒担体・セラミックフィルタ<br>Ceramic catalyst supports and ceramic filter   | kg                      | 1,369,005         | 1,236,807        | 4,460                             | -               | 1,724,393         |
| 耐熱材<br>Heat-resisting materials  | 1000個<br>(1000n)        | 23,770            | 22,844           | 3,014                             | -               | 7,190             |
| 工具材<br>Ceramic tools   | 1000個<br>(1000n)        | 8,952             | 9,078            | 3,280                             | 233             | 7,489             |
| 耐摩耗・耐食材<br>Wear resisting materials and corrosion resisting materials                                    | 1000個<br>(1000n)        | 44,495            | 45,118           | 5,881                             | 135             | 11,864            |
| その他の構造材<br>Other materials for structural use  | 1000個<br>(1000n)        | 42,270            | 41,374           | 5,414                             | 1,983           | 35,431            |

## (6) 耐火れんが・不定形耐火物

| Refractory bricks and monolithic refractories   |                   |                |                  |                                   |                 |                   | (単位: t) | (Unit: t) |
|---|-------------------|----------------|------------------|-----------------------------------|-----------------|-------------------|---------|-----------|
| 品 目<br>Commodity  | 生 産<br>Production | 受 入<br>Receipt | 出 荷<br>Shipments |                                   |                 | 月末在庫<br>Inventory |         |           |
|   |                   |                | 販 売<br>Sales     |                                   | そ の 他<br>Others |                   |         |           |
|   |                   |                | 数 量<br>Quantity  | 金額(千円)<br>Value<br>(thousand yen) |                 |                   |         |           |
| <b>耐火れんが</b><br>Refractory bricks   | <b>29,113</b>     | <b>16,474</b>  | <b>44,279</b>    | <b>11,955,462</b>                 | <b>449</b>      | <b>81,444</b>     |         |           |
| 粘土質<br>Fireclay refractory bricks   | 5,563             | 2,485          | 7,909            | 810,430                           | 3               | 13,517            |         |           |
| 高アルミナ質(電鑄品を含む)<br>High-alumina refractory bricks (including electrically casted high-alumina refractory bricks) | 8,566             | 1,827          | 9,438            | 3,839,968                         | 182             | 19,436            |         |           |
| 塩基性れんが(ドロマイト質を含む)<br>Basic refractory bricks (including dolomitic refractory bricks)                            | 11,563            | 10,671         | 21,825           | 5,022,589                         | 141             | 38,989            |         |           |
| ジルコン(ジルコニアを含む)<br>Zircon bricks (including zirconia bricks)   | 562               | 78             | 393              | 403,359                           | 102             | 1,654             |         |           |
| その他の耐火れんが<br>Other refractory bricks  | 2,859             | 1,413          | 4,714            | 1,879,116                         | 21              | 7,848             |         |           |
| <b>不定形耐火物</b><br>Monolithic refractories total  | <b>59,537</b>     | <b>6,021</b>   | <b>62,767</b>    | <b>7,053,176</b>                  | <b>1,367</b>    | <b>37,601</b>     |         |           |
| キャストブル耐火物<br>Castable refractories  | 27,230            | 999            | 26,403           | 3,256,976                         | 1,144           | 20,190            |         |           |
| 吹付材耐火物<br>Gunning refractories  | 15,850            | 2,594          | 17,904           | 1,268,202                         | 51              | 7,193             |         |           |
| その他の不定形耐火物<br>Other monolithic refractories   | 16,457            | 2,428          | 18,460           | 2,527,998                         | 172             | 10,218            |         |           |

## (7) 炭素製品・研削砥石

## Carbon products and grinding wheels

| 品 目<br>Commodity  | 単位<br>Unit | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷<br>Shipments |                                   |                 | 月末在庫<br>Inventory |
|---|------------|-------------------|----------------|--------------------|------------------|-----------------------------------|-----------------|-------------------|
|   |            |                   |                |                    | 販 売<br>Sales     |                                   | そ の 他<br>Others |                   |
|   |            |                   |                |                    | 数 量<br>Quantity  | 金額(千円)<br>Value<br>(thousand yen) |                 |                   |
| <b>炭素製品</b><br>Carbon products  | t          | <b>19,787</b>     | <b>138</b>     | <b>576</b>         | <b>19,305</b>    | <b>24,019,190</b>                 | <b>188</b>      | <b>14,676</b>     |
| <b>電極</b><br>Carbonaceous electrodes  | t          | <b>14,443</b>     | <b>1</b>       | <b>289</b>         | <b>14,112</b>    | <b>12,885,192</b>                 | <b>20</b>       | <b>11,175</b>     |
| 人造黒鉛電極(丸形)<br>Artificial graphite electrodes (circle)                                 | t          | 10,614            | 1              | -                  | 10,409           | 11,740,434                        | 20              | 10,086            |
| その他の電極(連続自焼式電極ペーストを含む)<br>Other solidity carbonaceous<br>(including so-derberg paste) | t          | 3,829             | -              | 289                | 3,703            | 1,144,758                         | -               | 1,089             |
| ブラシ<br>Brushes  | kg         | 228,781           | 2,000          | -                  | 234,740          | 1,115,868                         | -               | 357,267           |
| 特殊炭素製品<br>Carbon specialties products   | kg         | 3,682,666         | 74,115         | -                  | 3,641,690        | 5,131,368                         | 58,671          | 292,334           |
| 炭素繊維<br>Carbon fiber  | kg         | 1,432,216         | 60,642         | 286,921            | 1,317,054        | 4,886,762                         | 109,316         | 2,851,018         |
| <b>研削砥石</b><br>Grinding wheels  | t          | <b>3,135</b>      | <b>497</b>     | <b>...</b>         | <b>3,412</b>     | <b>4,208,339</b>                  | <b>277</b>      | <b>3,783</b>      |
| ビトリファイド法砥石<br>Vitrified grinding wheels   | t          | 1,046             | 224            | ...                | 1,172            | 1,745,208                         | 86              | 1,383             |
| レジノイド法砥石<br>Resinoid grinding wheels  | t          | 2,089             | 273            | ...                | 2,240            | 2,463,131                         | 191             | 2,400             |

## (8) ボード・パネル

## Board and panels

## ① 製品

## Product

(単位: m<sup>2</sup>)(Unit: m<sup>2</sup>)

| 品 目<br>Commodity   | 生 産<br>Production | 受 入<br>Receipt   | 消 費<br>Consumption | 出 荷<br>Shipments |                                   |                  | 月末在庫<br>Inventory |
|--|-------------------|------------------|--------------------|------------------|-----------------------------------|------------------|-------------------|
|  |                   |                  |                    | 販 売<br>Sales     |                                   | そ の 他<br>Others  |                   |
|  |                   |                  |                    | 数 量<br>Quantity  | 金額(千円)<br>Value<br>(thousand yen) |                  |                   |
| せっこうボード<br>Gypsum board                                    | 42,165,769        | -                | ...                | 41,258,881       | 6,577,652                         | 36,429           | 26,572,555        |
| <b>繊維板</b><br>Fiberboard                                   | <b>9,443,443</b>  | <b>1,113,841</b> | <b>833,949</b>     | <b>7,919,940</b> | <b>2,314,788</b>                  | <b>1,450,323</b> | <b>10,401,739</b> |
| 硬質<br>Hard fiberboard                                      | x                 | x                | x                  | x                | x                                 | x                | x                 |
| 中質<br>Medium density fiberboard                            | 5,227,797         | 84,081           | 833,949            | 4,047,118        | 1,374,516                         | 102,228          | 5,282,006         |
| 軟質<br>Insulation fiberboard                                | x                 | x                | x                  | x                | x                                 | x                | x                 |
| パーティクルボード<br>Particle board                                | 6,197,559         | 715              | 384,275            | 5,726,181        | 3,240,619                         | 36,995           | 4,130,135         |
| <b>プレハブ建築用パネル</b><br>Panels for prefabricated construction | <b>1,449,807</b>  | <b>...</b>       | <b>...</b>         | <b>1,430,258</b> | <b>6,016,015</b>                  | <b>-</b>         | <b>761,076</b>    |
| コンクリート系パネル<br>Concrete panels                              | 58,988            | ...              | ...                | 56,896           | 524,184                           | -                | 390,001           |
| 軽量鉄骨系パネル<br>Light weight reinforced steel panels           | 590,944           | ...              | ...                | 600,814          | 3,796,093                         | -                | 204,868           |
| 木質系パネル<br>Wooden panels                                    | 799,875           | ...              | ...                | 772,548          | 1,695,738                         | -                | 166,207           |

## ② 繊維板・パーティクルボード生産量の換算値

## Equivalent value quantity of particle board, fiber board production

(単位: m<sup>3</sup>)(Unit: m<sup>3</sup>)

| 生 産<br>Production | 繊維板<br>Fiber board | 硬質<br>Hard<br>fiberboard | 中質<br>Medium density<br>fiberboard | 軟質<br>Insulation<br>fiberboard | パーティクル<br>ボード<br>Particle board |
|-------------------|--------------------|--------------------------|------------------------------------|--------------------------------|---------------------------------|
|                   |                    | <b>66,855</b>            | x                                  | 35,327                         | x                               |

## (9) 金属製建具

| Metal building materials                                  |                   | (単位: t) (Unit: t) |                        |   |                 |                      |
|---|-------------------|-------------------|------------------------|---|-----------------|----------------------|
| 品 目<br>Commodity  | 生 産<br>Production | 受 入<br>Receipt    | 出 荷<br>Shipments       |   |                 | 月 末 在 庫<br>Inventory |
|   |                   |                   | 販 売<br>数 量<br>Quantity | Sales<br>金 額 (千 円)<br>Value<br>(thousand yen) | そ の 他<br>Others |                      |
| <b>金属製建具</b><br>Metal building materials                  | <b>42,007</b>     | <b>9,354</b>      | <b>48,939</b>          | <b>57,793,366</b>                             | <b>3,040</b>    | <b>24,001</b>        |
| <b>アルミニウム製</b><br>Aluminum products                       | <b>27,848</b>     | <b>7,414</b>      | <b>32,811</b>          | <b>47,597,518</b>                             | <b>3,006</b>    | <b>20,002</b>        |
| <b>アルミニウムサッシ</b><br>Aluminum sashes                       | <b>14,340</b>     | <b>5,441</b>      | <b>17,998</b>          | <b>29,227,400</b>                             | <b>2,188</b>    | <b>10,736</b>        |
| <b>木造住宅用アルミニウムサッシ</b><br>Aluminum sashes for wooden house | <b>7,020</b>      | <b>3,444</b>      | <b>9,508</b>           | <b>15,386,035</b>                             | <b>1,390</b>    | <b>7,674</b>         |
| アルミ<br>Aluminum   | 4,328             | 2,475             | 6,082                  | 9,257,752                                     | 976             | 5,171                |
| アルミ樹脂複合<br>Aluminum plastic combined                      | 2,692             | 969               | 3,426                  | 6,128,283                                     | 414             | 2,503                |
| ビル用アルミニウムサッシ<br>Aluminum sashes for building              | 7,320             | 1,997             | 8,490                  | 13,841,365                                    | 798             | 3,062                |
| アルミニウムドア<br>Aluminum doors                                | 1,837             | 818               | 2,110                  | 5,060,323                                     | 591             | 928                  |
| アルミニウムエクステリア<br>Aluminum exterior                         | 8,764             | 1,092             | 9,795                  | 10,349,936                                    | 200             | 7,612                |
| アルミニウム製室内建具<br>Aluminum interior products                 | 2,907             | 63                | 2,908                  | 2,959,859                                     | 27              | 726                  |
| <b>スチール又はステンレス製</b><br>Steel and stainless steel products | <b>14,159</b>     | <b>1,940</b>      | <b>16,128</b>          | <b>10,195,848</b>                             | <b>34</b>       | <b>3,999</b>         |
| スチール又はステンレスサッシ<br>Steel and stainless steel sashes        | 628               | 1                 | 634                    | 474,173                                       | -               | 118                  |
| スチール又はステンレスドア<br>Steel and stainless steel doors          | 5,267             | 1,939             | 7,213                  | 5,665,652                                     | 34              | 3,007                |
| スチール又はステンレスシャッター<br>Steel and stainless steel shutters    | 8,264             | -                 | 8,281                  | 4,056,023                                     | -               | 874                  |

8. パルプ・紙・紙加工品 Pulp, paper and paper products

(30年7月) (Jul. 2018)

(1) パルプ

| Pulp                                      |                   | (単位:t) (Unit: t)  |                  |                                       |                 |                      |                                     |                         |
|---|-------------------|---|------------------|---------------------------------------|-----------------|----------------------|-------------------------------------|-------------------------|
| 品 目<br>Commodity                          | 生 産<br>Production | 消 費<br>(製紙用)<br>Consumption<br>(for paper<br>manufacturing) | 出 荷<br>Shipments |                                       |                 | 月 末 在 庫<br>Inventory | 消 費 内 訳<br>Breakdown of consumption |                         |
|   |                   |   | 販 売<br>Sales     |                                       | そ の 他<br>Others |                      | 紙 用<br>For paper                    | 板 紙 用<br>For paperboard |
|   |                   |   | 数 量<br>Quantity  | 金 額 (百 万 円)<br>Value<br>(million yen) |                 |                      |                                     |                         |
| <b>製紙パルプ</b><br>Paper pulp                | <b>644,598</b>    | <b>538,128</b>  | <b>74,778</b>    | <b>5,904</b>                          | <b>19,793</b>   | <b>163,350</b>       | <b>508,650</b>                      | <b>29,478</b>           |
| クラフトパルプ<br>Kraft pulp                     | 602,296           | 496,457   | 74,240           | 5,602                                 | 19,793          | 159,818              | 468,330                             | 28,127                  |
| さらし<br>Bleached                           | 523,873           | 444,062   | 49,795           | 3,797                                 | 19,337          | 142,918              | 429,792                             | 14,270                  |
| 針葉樹<br>Softwood                           | 82,697            | 69,761  | 10,602           | 890                                   | 1,434           | 40,981               | 69,108                              | 653                     |
| 広葉樹<br>Hardwood                           | 441,176           | 374,301   | 39,193           | 2,907                                 | 17,903          | 101,937              | 360,684                             | 13,617                  |
| 未ざらし<br>Unbleached                        | 78,423            | 52,395  | 24,445           | 1,805                                 | 456             | 16,900               | 38,538                              | 13,857                  |
| サーモメカニカルパルプ<br>Thermo mechanical pulp     | 26,394            | 26,161  | -                | -                                     | -               | 2,074                | 26,161                              | -                       |
| リファイナーグラウンドパルプ<br>Refiner groundwood pulp | 9,477             | 9,494   | -                | -                                     | -               | 148                  | 9,494                               | -                       |
| 砕木パルプ<br>Groundwood pulp                  | 4,633             | 4,586   | -                | -                                     | -               | 518                  | 4,583                               | 3                       |
| その他製紙パルプ<br>Other paper pulp              | 1,798             | 1,430   | 538              | 302                                   | -               | 792                  | 82                                  | 1,348                   |

(2) 紙

| Paper  |                   | (単位:t) (Unit: t) |                                       |                 |                      |
|--|-------------------|------------------|---------------------------------------|-----------------|----------------------|
| 品 目<br>Commodity                                   | 生 産<br>Production | 出 荷<br>Shipments |                                       |                 | 月 末 在 庫<br>Inventory |
|  |                   | 販 売<br>Sales     |                                       | そ の 他<br>Others |                      |
|  |                   | 数 量<br>Quantity  | 金 額 (百 万 円)<br>Value<br>(million yen) |                 |                      |
| <b>紙</b><br>Paper                                  | <b>1,038,421</b>  | <b>1,096,318</b> | <b>134,899</b>                        | <b>25,361</b>   | <b>1,305,174</b>     |
| 新聞巻取紙<br>Newsprint paper in rolls                  | 201,941           | 217,651          | 23,277                                | 170             | 230,628              |
| <b>印刷・情報用紙</b><br>Printing and communication paper | <b>564,964</b>    | <b>602,233</b>   | <b>62,882</b>                         | <b>16,612</b>   | <b>818,371</b>       |
| <b>非塗工印刷用紙</b><br>Uncoated printing paper          | <b>142,985</b>    | <b>140,138</b>   | <b>14,040</b>                         | <b>543</b>      | <b>203,162</b>       |
| 上級印刷紙<br>Woodfree printing paper                   | 91,793            | 84,947           | 8,658                                 | 493             | 106,060              |
| 中級印刷紙<br>Wood containing paper, middle grade       | 17,311            | 19,981           | 2,097                                 | 5               | 38,074               |
| 下級印刷紙<br>Wood containing paper, low grade          | 32,038            | 33,606           | 2,853                                 | 45              | 54,338               |
| 薄葉印刷紙<br>Thin printing paper                       | 1,843             | 1,604            | 432                                   | -               | 4,690                |
| 微塗工印刷用紙<br>Ultra light weight coated paper         | 67,004            | 82,470           | 7,575                                 | 19              | 95,598               |

## (2) 紙 (続き)

| Paper (continued)                                 |                   | (単位:t) (Unit: t) |                                       |                 |                      |
|---|-------------------|------------------|---------------------------------------|-----------------|----------------------|
| 品 目<br>Commodity                                  | 生 産<br>Production | 出 荷<br>Shipments |                                       | そ の 他<br>Others | 月 末 在 庫<br>Inventory |
|   |                   | 販 売<br>Sales     |                                       |                 |                      |
|   |                   | 数 量<br>Quantity  | 金 額 (百 万 円)<br>Value<br>(million yen) |                 |                      |
| <b>塗工印刷用紙</b><br>Coated printing paper            | <b>235,427</b>    | <b>262,438</b>   | <b>25,754</b>                         | <b>233</b>      | <b>321,906</b>       |
| アート紙<br>Art paper                                 | 3,854             | 3,942            | 563                                   | 2               | 7,371                |
| コート紙<br>Coated paper                              | 141,118           | 148,470          | 14,383                                | 206             | 185,937              |
| 軽量コート紙<br>Light weight coated paper               | 78,377            | 95,730           | 8,808                                 | 20              | 102,339              |
| その他塗工印刷紙<br>Other coated printing paper           | 12,078            | 14,296           | 2,000                                 | 5               | 26,259               |
| <b>特殊印刷用紙</b><br>Special printing paper           | <b>16,406</b>     | <b>18,031</b>    | <b>4,194</b>                          | <b>1,775</b>    | <b>58,110</b>        |
| 色上質紙<br>Colored fine paper                        | 3,895             | 5,758            | 932                                   | 21              | 29,648               |
| その他特殊印刷用紙<br>Other special printing paper         | 12,511            | 12,273           | 3,262                                 | 1,754           | 28,462               |
| <b>情報用紙</b><br>Communication paper                | <b>103,142</b>    | <b>99,156</b>    | <b>11,319</b>                         | <b>14,042</b>   | <b>139,595</b>       |
| 複写原紙<br>Manifold base paper                       | 11,303            | 4,321            | 480                                   | 7,541           | 9,604                |
| フォーム用紙<br>Business form paper                     | 17,289            | 18,107           | 2,078                                 | 271             | 29,878               |
| PPC用紙<br>Paper for plain paper copy               | 61,114            | 68,391           | 7,438                                 | 59              | 84,648               |
| 情報記録紙<br>Recording paper                          | 10,797            | 6,095            | 801                                   | 6,101           | 9,208                |
| その他情報用紙<br>Other communication paper              | 2,639             | 2,242            | 522                                   | 70              | 6,257                |
| <b>包装用紙</b><br>Wrapping paper                     | <b>65,376</b>     | <b>71,615</b>    | <b>7,918</b>                          | <b>308</b>      | <b>93,440</b>        |
| <b>未ざらし包装紙</b><br>Unbleached wrapping paper       | <b>40,481</b>     | <b>45,184</b>    | <b>4,570</b>                          | <b>238</b>      | <b>58,734</b>        |
| 重袋用両更クラフト紙<br>Unglazed shipping sacks kraft paper | 25,623            | 27,326           | 2,608                                 | 69              | 32,009               |
| その他両更クラフト紙<br>Other unglazed bag paper            | 14,399            | 16,745           | 1,800                                 | 169             | 21,918               |
| その他未ざらし包装紙<br>Other unbleached wrapping paper     | 459               | 1,113            | 162                                   | -               | 4,807                |
| <b>ざらし包装紙</b><br>Bleached wrapping paper          | <b>24,895</b>     | <b>26,431</b>    | <b>3,348</b>                          | <b>70</b>       | <b>34,706</b>        |
| 純白ロール紙<br>Machine glazed poster paper             | 4,720             | 5,234            | 681                                   | 9               | 5,224                |
| ざらしクラフト紙<br>Bleached kraft paper                  | 17,874            | 19,229           | 2,242                                 | 40              | 23,267               |
| その他ざらし包装紙<br>Other bleached wrapping              | 2,301             | 1,968            | 425                                   | 21              | 6,215                |
| <b>衛生用紙</b><br>Sanitary paper                     | <b>137,362</b>    | <b>138,906</b>   | <b>25,444</b>                         | <b>115</b>      | <b>71,130</b>        |
| ティッシュペーパー<br>Facial tissue                        | 33,819            | 33,851           | 6,984                                 | -               | 10,233               |
| トイレットペーパー<br>Toilet tissue paper                  | 80,683            | 83,259           | 13,999                                | 97              | 49,970               |
| タオル用紙<br>Toweling paper                           | 15,921            | 15,104           | 2,826                                 | 17              | 7,304                |
| その他衛生用紙<br>Other sanitary paper                   | 6,939             | 6,692            | 1,635                                 | 1               | 3,623                |



## (2) 紙 (続き)

| Paper (continued)                                   |                   | (単位:t) (Unit: t) |                                       |                 |                      |
|---|-------------------|------------------|---------------------------------------|-----------------|----------------------|
| 品 目<br>Commodity                                    | 生 産<br>Production | 出 荷<br>Shipments |                                       |                 | 月 末 在 庫<br>Inventory |
|   |                   | 販 売<br>Sales     |                                       | そ の 他<br>Others |                      |
|   |                   | 数 量<br>Quantity  | 金 額 (百 万 円)<br>Value<br>(million yen) |                 |                      |
| 雑種紙<br>Miscellaneous paper                          | 68,778            | 65,913           | 15,378                                | 8,156           | 91,605               |
| 工業用雑種紙<br>Miscellaneous paper for industry          | 65,051            | 62,143           | 13,493                                | 8,133           | 84,979               |
| 加工原紙<br>Base stock for converting paper             | 53,076            | 50,262           | 8,809                                 | 7,838           | 68,075               |
| 電気絶縁紙<br>Electrical insulating paper                | 1,499             | 1,414            | 1,453                                 | 111             | 3,301                |
| その他工業用雑種紙<br>Other miscellaneous paper for industry | 10,476            | 10,467           | 3,231                                 | 184             | 13,603               |
| 家庭用雑種紙<br>Miscellaneous paper for household         | 3,727             | 3,770            | 1,885                                 | 23              | 6,626                |

## (3) 板紙

| Paperboard                                    |                   | (単位:t) (Unit: t) |                                       |                 |                      |
|---|-------------------|------------------|---------------------------------------|-----------------|----------------------|
| 品 目<br>Commodity                              | 生 産<br>Production | 出 荷<br>Shipments |                                       |                 | 月 末 在 庫<br>Inventory |
|   |                   | 販 売<br>Sales     |                                       | そ の 他<br>Others |                      |
|   |                   | 数 量<br>Quantity  | 金 額 (百 万 円)<br>Value<br>(million yen) |                 |                      |
| 板紙<br>Paperboard                              | 1,031,621         | 970,799          | 67,868                                | 56,917          | 680,883              |
| 段ボール原紙<br>Container board                     | 845,987           | 789,605          | 48,650                                | 50,426          | 456,664              |
| ライナー<br>Liner board                           | 508,690           | 475,055          | 30,696                                | 30,916          | 302,726              |
| 外装用(クラフト)<br>Kraft liner board                | 373,523           | 336,459          | 22,199                                | 25,656          | 223,000              |
| 外装用(ジュート)<br>Jute liner board                 | 127,096           | 129,618          | 7,863                                 | 5,260           | 73,664               |
| 内装用<br>Jute liner board for interior          | 8,071             | 8,978            | 634                                   | -               | 6,062                |
| 中芯原紙<br>Corrugating medium                    | 337,297           | 314,550          | 17,954                                | 19,510          | 153,938              |
| 紙器用板紙<br>Paperboard for paper container       | 127,818           | 128,892          | 14,429                                | 3,641           | 150,430              |
| 白板紙<br>White board                            | 116,889           | 117,668          | 13,414                                | 3,156           | 132,221              |
| マニラボール<br>Manila board (solid bleached board) | 43,103            | 43,971           | 6,103                                 | 337             | 56,463               |
| 白ボール<br>White lined board                     | 73,786            | 73,697           | 7,311                                 | 2,819           | 75,758               |
| 黄・チップ・色板紙<br>Straw, chip & color board        | 10,929            | 11,224           | 1,015                                 | 485             | 18,209               |
| 雑板紙<br>Miscellaneous paperboard               | 57,816            | 52,302           | 4,789                                 | 2,850           | 73,789               |
| 建材原紙<br>Building paperboard                   | 18,693            | 16,796           | 1,198                                 | 420             | 22,095               |
| 紙管原紙<br>Tube and core paperboard              | 27,167            | 24,448           | 1,842                                 | 1,175           | 29,907               |
| その他板紙<br>Other paperboard                     | 11,956            | 11,058           | 1,749                                 | 1,255           | 21,787               |

(30年7月) (Jul. 2018)

## (4) 段ボール

## Corrugated cardboard

## ① 製品

Product

(単位:千m<sup>2</sup>) (Unit:1000m<sup>2</sup>)

| 品 目<br>Commodity   | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>(次工程投入)<br>Consumption | 出 荷<br>Shipments |                                    |                 | 月 末 在 庫<br>Inventory |
|--|-------------------|----------------|-------------------------------|------------------|------------------------------------|-----------------|----------------------|
|  |                   |                |                               | 販 売<br>Sales     |                                    | そ の 他<br>Others |                      |
|  |                   |                |                               | 数 量<br>Quantity  | 金 額(千円)<br>Value<br>(thousand yen) |                 |                      |
| <b>段ボール</b><br>Corrugated cardboard  | <b>1,084,186</b>  | <b>19,037</b>  | <b>819,936</b>                | <b>257,364</b>   | <b>14,424,564</b>                  | <b>21,514</b>   | <b>73,041</b>        |
| 両面<br>Corrugated fibre board   | 987,796           | 15,321         | 762,889                       | 218,423          | 11,677,606                         | 17,669          | 65,063               |
| 複両面 (複々両面を含む)<br>Double wall corrugated (including triple wall corrugated) | 87,915            | 3,607          | 52,581                        | 34,933           | 2,588,209                          | 3,801           | 6,483                |
| 片面<br>Single faced corrugated fibre board                                  | 8,475             | 109            | 4,466                         | 4,008            | 158,749                            | 44              | 1,495                |

## ② 段ボールの消費(次工程投入)部門別内訳

Breakdown of sector at next stage in production process of corrugated cardboard

(単位:千m<sup>2</sup>) (Unit:1000m<sup>2</sup>)

| 消 費<br>(次工程投入)<br>Consumption | 合 計<br>Grand total | 製 箱 用<br>For boxes                                      |  |                      |  |                                     |                                |
|-------------------------------|--------------------|---|--|----------------------|--|-------------------------------------|--------------------------------|
|                               |                    | 電 気 器 具・<br>機 械 器 具 用<br>For machinery<br>electric rear | 薬 品・洗 剤・<br>化 粧 品 用<br>For medicines<br>detergents,<br>cosmetics | 食 料 品 用<br>For foods |  |                                     | そ の 他 の<br>食 料 品<br>For others |
|                               |                    |   |  | 計<br>Total           | 加 工 食 品<br>(飲 料 を 含 む)<br>For processed<br>foods (including<br>drinks) | 青 果 物<br>For fruit and<br>vegetable |                                |
|                               | <b>819,936</b>     | 61,259  | 52,018   | <b>473,074</b>       | 366,272  | 73,455                              | 33,347                         |

| 製箱用(つづき)<br>For boxes (continued) |   |   |                           | 製箱用以外<br>Except boxes                 |
|-----------------------------------|---|---|---------------------------|---------------------------------------|
| 繊維製品用<br>For textiles             | 陶磁器・ガラス<br>製品・雑貨用<br>For ceramics<br>glass products<br>general<br>merchandise | 通販・宅配・<br>引越用<br>For mail<br>order sale,<br>removal | その他の<br>製箱用<br>For others | 包装用以外<br>Except for<br>wrapping paper |
| 14,416                            | 40,932  | 42,975  | 128,317                   | 6,945                                 |

## ③ 段ボール箱等生産金額

Production value of corrugated box, etc.

|                                |            |
|--------------------------------|------------|
| 金額(千円)<br>Value (thousand yen) | 56,122,798 |
|--------------------------------|------------|

(30年7月) (Jul. 2018)

## (5) 紙おむつ

## Disposable diaper

(単位:千枚) (Unit:1000sheets)

| 品目<br>Commodity                                    | 生産<br>Production |                     | 受入<br>Receipts | 出荷<br>Shipments  |                                   |                | 月末在庫<br>Inventory |
|--|------------------|---------------------|----------------|------------------|-----------------------------------|----------------|-------------------|
|  | 数量<br>Quantity   | 重量(t)<br>Weight (t) |                | 販売<br>Sales      |                                   | その他<br>Others  |                   |
|  |                  |                     |                | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                |                   |
| <b>紙おむつ</b><br><b>Disposable diaper</b>            | <b>2,055,924</b> | <b>76,197</b>       | <b>588,671</b> | <b>2,025,264</b> | <b>32,650</b>                     | <b>556,371</b> | <b>1,681,990</b>  |
| <b>大人用</b><br><b>For adult</b>                     | <b>746,436</b>   | <b>34,179</b>       | <b>306,343</b> | <b>704,892</b>   | <b>13,269</b>                     | <b>272,905</b> | <b>692,973</b>    |
| <b>パンツタイプ</b><br><b>Pants-type</b>                 | <b>157,643</b>   | <b>13,253</b>       | <b>57,617</b>  | <b>143,242</b>   | <b>5,532</b>                      | <b>58,338</b>  | <b>142,744</b>    |
| テープ止め式<br>Tape-tabbed style                        | 58,031           | 6,621               | 16,355         | 53,166           | 2,442                             | 15,653         | 47,842            |
| パンツ式<br>Pull-on style                              | 99,612           | 6,632               | 41,262         | 90,076           | 3,090                             | 42,685         | 94,902            |
| フラット<br>Flat-type                                  | 9,596            | 626                 | 3,788          | 13,309           | 251                               | 1,813          | 10,950            |
| <b>パッド・ライナー</b><br><b>Pad/liner</b>                | <b>579,197</b>   | <b>20,300</b>       | <b>244,938</b> | <b>548,341</b>   | <b>7,486</b>                      | <b>212,754</b> | <b>539,279</b>    |
| 尿とりパッド<br>Incontinence pad                         | 339,229          | 17,769              | 122,035        | 347,227          | 6,140                             | 108,252        | 263,228           |
| 軽失禁ライナー・軽失禁パッド<br>Light incontinence liner/pad     | 239,968          | 2,531               | 122,903        | 201,114          | 1,346                             | 104,502        | 276,051           |
| <b>乳幼児用(パンツタイプ)</b><br><b>For baby(Pants-type)</b> | <b>1,309,488</b> | <b>42,018</b>       | <b>282,328</b> | <b>1,320,372</b> | <b>19,381</b>                     | <b>283,466</b> | <b>989,017</b>    |
| テープ止め式<br>Tape-tabbed style                        | 660,975          | 18,921              | 124,982        | 656,033          | 8,698                             | 123,880        | 591,484           |
| パンツ式<br>Pull-on style                              | 648,513          | 23,097              | 157,346        | 664,339          | 10,683                            | 159,586        | 397,533           |

## 9. 化学工業 Chemical industry

## (1) 化学肥料・石灰及びソーダ工業製品

## Chemical fertilizers, lime and industrial sodium chemicals

(単位:t)

(Unit: t)

| 品 目<br>Commodity   | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷 Shipments   |                                    |                 | 月 末 在 庫<br>Inventory |
|--|-------------------|----------------|--------------------|-----------------|------------------------------------|-----------------|----------------------|
|  |                   |                |                    | 販 売 Sales       |                                    | そ の 他<br>Others |                      |
|  |                   |                |                    | 数 量<br>Quantity | 金 額(千円)<br>Value<br>(thousand yen) |                 |                      |
| アンモニア(NH <sub>3</sub> 100%換算)<br>Ammonia (NH <sub>3</sub> conv. to 100%)               | 62,653            | 59             | 11,895             | 46,846          | 2,497,708                          | 3,613           | 16,612               |
| 硝 酸(98%換算)<br>Nitric acid (conv. to 98%)   | 28,272            | 7,209          | 18,117             | 19,093          | 878,473                            | -               | 8,304                |
| <b>硫 酸 ア ン モ ニ ウ ム</b><br><b>Ammonium sulfate</b>                                      | <b>78,928</b>     | <b>-</b>       | <b>969</b>         | <b>65,456</b>   | <b>902,109</b>                     | <b>1,355</b>    | <b>78,145</b>        |
| 硫 酸 ア ン モ ニ ウ ム<br>Ammonium sulfate  | 60,296            | -              | 969                | 48,168          | 658,677                            | 1,242           | 58,837               |
| 副 生 硫 酸 ア ン モ ニ ウ ム * 1<br>By-products   | 18,632            | -              | -                  | 17,288          | 243,432                            | 113             | 19,308               |
| <b>複 合 肥 料 (化 成 肥 料)</b><br><b>Compound fertilizers (granular chemical fertilizer)</b> | <b>58,023</b>     | <b>3,209</b>   | <b>5,519</b>       | <b>40,773</b>   | <b>3,412,308</b>                   | <b>3,727</b>    | <b>293,318</b>       |
| 高 度 化 成 (粒 状)<br>High-analysis compound fertilizers (granulation)                      | 43,729            | 2,140          | 4,690              | 32,778          | 2,810,605                          | 1,515           | 212,973              |
| 普 通 化 成 (粒 状)<br>Low-analysis compound fertilizers (granulation)                       | 14,294            | 1,069          | 829                | 7,995           | 601,703                            | 2,212           | 80,345               |
| 生 石 灰<br>Quick lime  | 615,578           | 56,645         | 84,954             | 571,884         | 7,616,929                          | 7,900           | 94,749               |
| 消 石 灰<br>Slaked lime   | 104,073           | 7,445          | 34,454             | 75,955          | 1,358,928                          | -               | 28,154               |
| 軽 質 炭 酸 カ ル シ ウ ム<br>Precipitated calcium carbonate                                    | 21,166            | 82             | 3                  | 20,322          | 973,366                            | 76              | 11,329               |
| か 性 ソーダ (液 体 97% 換 算 ・ 固 形 有 姿)<br>Sodium hydroxide (liquid (conv. to 97%), solid)     | 349,220           | 23,799         | 93,102             | 240,093         | 14,720,676                         | 31,443          | 123,017              |
| 塩 素 ガ ス<br>Chlorine, gas   | 309,635           | 926            | 265,642            | 24,325          | 923,709                            | 20,594          | -                    |
| 液 体 塩 素<br>Chlorine, liquid  | 42,426            | 1,890          | 28,994             | 14,121          | 553,918                            | 1,182           | 4,134                |
| <b>塩 酸 (35%換算)</b><br><b>Hydrochloric acid (conv. to 35%)</b>                          | <b>141,899</b>    | <b>15,550</b>  | <b>49,917</b>      | <b>104,135</b>  | <b>1,481,022</b>                   | <b>2,851</b>    | <b>34,200</b>        |
| 合 成 * 2<br>Synthesis   | 64,082            | 2,253          | 22,582             | 42,433          | 621,263                            | 508             | 17,546               |
| 副 生<br>By-product  | 77,817            | 13,297         | 27,335             | 61,702          | 859,759                            | 2,343           | 16,654               |
| 次 亜 塩 素 酸 ナ ト リ ウ ム 溶 液 (12%換算)<br>Sodium hypochlorite (conv. to 12%)                  | 89,725            | 1,932          | 2,756              | 88,814          | 1,744,891                          | 87              | 12,076               |

\* 1 副生硫酸アンモニウムはコールタール製品・環式中間物及び合成染料月報で調査したものである。

\* 2 平成25年からの調査票改正により、「塩酸(35%換算)・合成」には、塩酸ガス生産のための消費した合成塩酸を含む。

Notes1) Figures for by-product ammonium sulfate have been surveyed in the questionnaire on Coal tar products, cyclic chemicals and synthetic dye products monthly report.

Notes2) The numerical value of "Synthetic chloride" consumed in order to produce Hydrochloric acid gas is included in the numerical value of "Hydrochloric acid (conv.to 35%)Synthesis"

## (2) コールタール製品・環式中間物及び合成染料

Coal tar products, cyclic chemicals and synthetic dyes

| 品 目<br>Commodity   | 単位<br>Unit | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷 Shipments   |                                   |                 | 月末在庫<br>Inventory |
|--|------------|-------------------|----------------|--------------------|-----------------|-----------------------------------|-----------------|-------------------|
|  |            |                   |                |                    | 販 売 Sales       |                                   | そ の 他<br>Others |                   |
|  |            |                   |                |                    | 数 量<br>Quantity | 金額(千円)<br>Value<br>(thousand yen) |                 |                   |
| コールタール<br>Coal tar   | t          | 111,672           | 3,329          | 11,448             | 91,041          | 2,487,999                         | 9,664           | 45,805            |
| 粗製ベンゼン<br>(180°Cまでに100%留出のものに換算)<br>Crude benzene (conv.to 100% distillation<br>at temperature of less than 180°C) | t          | 36,440            | 13,316         | 17,812             | 36,351          | 1,935,892                         | 875             | 19,725            |
| クレオソート油<br>Creosote oil  | t          | 62,240            | 21,437         | 4,705              | 58,623          | 2,017,562                         | 17,757          | 29,186            |
| ナフタリン<br>Naphthalene   | t          | 14,793            | 2,864          | 9,600              | 5,020           | 436,333                           | 2,864           | 8,747             |
| ジフェニルメタンジイソシアネート<br>Diphenyl methane diisocyanate  | t          | x                 | x              | x                  | x               | x                                 | x               | x                 |
| シクロヘキサン<br>Cyclohexane   | t          | 33,209            | -              | -                  | 29,485          | 3,088,346                         | 14              | 17,891            |
| アニリン<br>Aniline  | t          | x                 | x              | x                  | x               | x                                 | x               | x                 |
| <b>無水フタル酸<br/>Phthalic anhydride</b>   | <b>t</b>   | <b>16,532</b>     | <b>1,666</b>   | <b>1,086</b>       | <b>13,655</b>   | <b>1,679,683</b>                  | <b>1,297</b>    | <b>13,634</b>     |
| 無水フタル酸(非石油系)<br>Phthalic anhydride (non-petroleum base)  | t          | x                 | x              | x                  | x               | x                                 | x               | x                 |
| 無水フタル酸(石油系)<br>Phthalic anhydride (petroleum base)   | t          | x                 | x              | x                  | x               | x                                 | x               | x                 |
| 合成染料<br>Synthetic dyes   | kg         | 1,549,784         | 36,490         | 71,926             | 1,617,511       | 2,546,637                         | 48,100          | 3,017,573         |
| 有機ゴム薬品<br>Rubber chemicals, organic  | t          | 1,494             | 53             | 49                 | 1,473           | 946,707                           | -               | 2,228             |

## (3) 有機薬品及び写真感光材料

## Industrial organic chemicals and sensitive materials for photography

| 品 目<br>Commodity   | 単位<br>Unit     | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷 Shipments   |                                    |                 | 月末在庫<br>Inventory |
|--|----------------|-------------------|----------------|--------------------|-----------------|------------------------------------|-----------------|-------------------|
|  |                |                   |                |                    | 販 売 Sales       |                                    | そ の 他<br>Others |                   |
|  |                |                   |                |                    | 数 量<br>Quantity | 金 額(千円)<br>Value<br>(thousand yen) |                 |                   |
| エチルアルコール(95%換算) *<br>Ethyl alcohol (conv.to 95%)                         | kl             | 34,902            | 2,824          | 120                | 33,817          | 4,660,740                          | 2,915           | 48,809            |
| 発酵エチルアルコール(95%換算)<br>Ethyl alcohol (non-petroleum base)<br>(conv.to 95%) | kl             | x                 | x              | x                  | x               | x                                  | x               | x                 |
| エチルアルコール(95%換算)<br>Ethyl alcohol (petroleum base)<br>(conv.to 95%)       | kl             | x                 | x              | x                  | x               | x                                  | x               | x                 |
| ホルマリン<br>Formalin  | t              | 95,968            | 405            | 72,333             | 21,793          | 769,243                            | 1               | 14,604            |
| 塩化メチル<br>Methyl chloride   | t              | 16,265            | 803            | 14,945             | 2,163           | 242,062                            | -               | 1,048             |
| 塩化メチレン<br>Methylene chloride   | t              | 4,574             | 4              | 760                | 3,565           | 344,642                            | 306             | 2,286             |
| 無水マレイン酸<br>Maleic anhydride  | t              | 6,652             | -              | 2,189              | 4,481           | 702,253                            | 183             | 2,947             |
| 可 塑 剤<br>Plasticizers  |                |                   |                |                    |                 |                                    |                 |                   |
| フタル酸系可塑剤<br>Phthalate plasticizers                                       | t              | 21,203            | 1,491          | -                  | 16,921          | 3,205,629                          | 1,453           | 11,884            |
| りん酸系可塑剤<br>Phosphate plasticizers  | t              | 2,045             | 5              | -                  | 2,189           | 1,142,688                          | -               | 5,093             |
| エポキシ系可塑剤<br>Epoxy plasticizers   | t              | 660               | 289            | -                  | 845             | 197,528                            | 220             | 1,344             |
| 写真フィルム<br>Photo film   | m <sup>2</sup> | x                 | x              | x                  | x               | x                                  | x               | x                 |

\* エチルアルコール計には、石油化学製品月報で調査したものを含む。また、特定アルコール(酒税相当額を含んで販売される工業用アルコール)を含む。

Notes) Ethyl alcohol includes that surveyed by the Petrochemical products monthly report. Ethyl alcohol includes ethyl alcohol on which a sum equivalent to the liquor tax has been levied.

## (4) 石油化学製品

## Petrochemical products

| 品 目<br>Commodity  | 単位<br>Unit | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷 Shipments   |                                    |                 | 月末在庫<br>Inventory |
|---|------------|-------------------|----------------|--------------------|-----------------|------------------------------------|-----------------|-------------------|
|   |            |                   |                |                    | 販 売 Sales       |                                    | そ の 他<br>Others |                   |
|   |            |                   |                |                    | 数 量<br>Quantity | 金 額(千円)<br>Value<br>(thousand yen) |                 |                   |
| <b>ポリエチレン</b><br>Polyethylene (PE)  | t          | <b>203,003</b>    | <b>4,044</b>   | <b>27</b>          | <b>205,131</b>  | <b>35,270,571</b>                  | <b>533</b>      | <b>456,800</b>    |
| 低 密 度 (密度0.94未満のもの)<br>Low-density (less than 0.94 density)                 | t          | 119,010           | 1,646          | 26                 | 122,057         | 22,379,965                         | 528             | 269,980           |
| 高 密 度 (密度0.94以上のもの)<br>High-density (greater than or equal to 0.94 density) | t          | 76,396            | 2,398          | -                  | 74,531          | 11,362,350                         | -               | 160,999           |
| エチレン・酢酸ビニルコポリマー<br>Ethylene-vinyl acetate copolymers                        | t          | 7,597             | -              | 1                  | 8,543           | 1,528,256                          | 5               | 25,821            |
| <b>ポリスチレン</b><br>Polystyrene(PS)  | t          | <b>111,417</b>    | <b>1,883</b>   | <b>1,510</b>       | <b>107,460</b>  | <b>23,315,347</b>                  | <b>4,790</b>    | <b>147,537</b>    |
| 成 形 材 料 (GP, HI)<br>Polystyrene (molding materials) (GP, HI)                | t          | 66,059            | -              | 663                | 60,560          | 10,105,885                         | 709             | 60,770            |
| 発 泡 用 (FS)<br>Foamed polystyrene (FS)                                       | t          | 10,196            | 769            | 102                | 9,102           | 2,164,830                          | 1,270           | 9,508             |
| A S 樹 脂<br>Styrene-acrylonitrile (AS)                                       | t          | 4,906             | 1,114          | 661                | 6,683           | 1,886,278                          | 71              | 26,371            |
| A B S 樹 脂<br>Acrylonitrile-butadiene-styrene (ABS)                          | t          | 30,256            | -              | 84                 | 31,115          | 9,158,354                          | 2,740           | 50,888            |
| ポリプロピレン<br>Polypropylene (PP)   | t          | 172,446           | 2,801          | 1,310              | 198,570         | 33,355,556                         | 1,139           | 310,840           |
| 石 油 樹 脂<br>Petroleum resin  | t          | 8,848             | -              | -                  | 7,373           | 2,048,075                          | -               | 27,967            |
| <b>合成ゴム (合成ラテックスを含む)</b><br>Synthetic rubber<br>(including synthetic latex) | t          | <b>141,047</b>    | <b>6,036</b>   | <b>13,976</b>      | <b>119,804</b>  | <b>43,783,916</b>                  | <b>4,082</b>    | <b>305,106</b>    |
| <b>スチレンブタジエンラバー(SBR)</b><br>Styrene-butadiene rubber                        | t          | <b>55,494</b>     | <b>62</b>      | <b>3,072</b>       | <b>44,124</b>   | <b>13,580,698</b>                  | -               | <b>115,601</b>    |
| ク ラ ム (油入りを除く)<br>Crumb rubber (non-oil)                                    | t          | 25,041            | 3              | -                  | 20,995          | 6,666,884                          | -               | 61,642            |
| ク ラ ム (油入り)<br>Crumb rubber (oil extended)                                  | t          | 19,603            | 21             | 3,048              | 12,779          | 3,327,405                          | -               | 46,844            |
| ラ テ ッ ク ス<br>Latex  | t          | 10,850            | 38             | 24                 | 10,350          | 3,586,409                          | -               | 7,115             |
| アクリロニトリルブタジエンラバー(NBR)<br>Acrylonitrile-butadiene rubber                     | t          | 10,928            | 1              | 20                 | 9,474           | 4,456,981                          | 19              | 20,788            |
| ポリクロロプレン<br>Polychloroprene   | t          | 11,637            | -              | -                  | 9,942           | 5,073,065                          | -               | 24,392            |
| ポリブタジエン<br>Polybutadiene  | t          | 18,351            | 586            | 1,072              | 26,465          | 6,966,832                          | -               | 42,649            |
| エチレンプロピレンラバー<br>Ethylene-propylene rubber                                   | t          | 21,203            | 712            | 2,950              | 16,417          | 7,533,671                          | -               | 63,792            |
| そ の 他 の 合 成 ゴ ム<br>Other synthetic rubber                                   | t          | 23,434            | 4,675          | 6,862              | 13,382          | 6,172,669                          | 4,063           | 37,884            |

## (4) 石油化学製品(続き)

## Petrochemical products (continued)

| 品目<br>Commodity   | 単位<br>Unit | 生産<br>Production | 受入<br>Receipt | 消費<br>Consumption | 出荷 Shipments   |                                   |               | 月末在庫<br>Inventory |
|---|------------|------------------|---------------|-------------------|----------------|-----------------------------------|---------------|-------------------|
|   |            |                  |               |                   | 販売 Sales       |                                   | その他<br>Others |                   |
|   |            |                  |               |                   | 数量<br>Quantity | 金額(千円)<br>Value<br>(thousand yen) |               |                   |
| スチレンモノマー<br>Styrene monomer                                     | t          | 164,425          | 8,477         | 6,662             | 168,575        | 22,354,835                        | 1,202         | 52,611            |
| フェノール<br>Phenol   | t          | 30,270           | -             | 4,638             | 21,244         | 7,614,297                         | 5,205         | 15,748            |
| ビスフェノール A<br>Bisphenol A  | t          | 24,104           | 8             | 3,585             | 27,006         | 4,789,262                         | -             | 17,248            |
| 無水フタル酸 * 2<br>Phthalic anhydride                                | t          | x                | x             | x                 | x              | x                                 | x             | x                 |
| テレフタル酸(高純度のもの)<br>Terephthalic acid (pure)                      | t          | x                | x             | x                 | x              | x                                 | x             | x                 |
| 純ベンゼン(非石油系を含む)☆<br>Benzene, pure (including non-petroleum base) | t          | 322,364          | 91,570        | 170,915           | 203,600        | 17,636,679                        | 51,278        | 134,700           |
| 純トルエン(非石油系を含む)<br>Toluene, pure (including non-petroleum base)  | t          | 182,123          | 7,036         | 88,692            | 92,591         | 7,618,332                         | 8,262         | 88,442            |
| キシレン(非石油系を含む)<br>Xylene (including non-petroleum base)          | t          | 478,967          | 95,368        | 291,561           | 261,542        | 20,708,685                        | 38,449        | 118,827           |
| オルソキシレン<br>Ortho-xylene   | t          | 8,877            | -             | -                 | 9,878          | 890,486                           | -             | 7,146             |
| パラキシレン<br>Para-xylene   | t          | 279,563          | 53,819        | -                 | 323,535        | 37,449,627                        | -             | 83,609            |
| エチレン * 1<br>Ethylene  | t          | 495,962          | 93,497        | 127,732           | 405,324        | ...                               | 57,313        | 45,359            |
| 酸化エチレン<br>Ethylene oxide  | t          | 75,642           | 75            | 47,195            | 28,970         | 6,351,076                         | -             | 5,983             |
| エチレングリコール<br>Ethylene glycol                                    | t          | 48,644           | 2,807         | 2,579             | 40,282         | 4,253,310                         | 3,572         | 30,766            |
| エチレングリコールエーテル<br>Ethylene glycol ethers                         | t          | 7,365            | 327           | 981               | 5,553          | 1,039,715                         | 269           | 8,384             |
| アセトアルデヒド<br>Acetaldehyde  | t          | 7,599            | 854           | 3,427             | 4,245          | 512,276                           | -             | 5,182             |
| 酢酸(99%換算)<br>Acetic acid (conv. to 99%)                         | t          | x                | x             | x                 | x              | x                                 | x             | x                 |
| エチルアルコール * 2<br>Ethyl alcohol                                   | kl         | x                | x             | x                 | x              | x                                 | x             | x                 |

\* 1 エチレン、プロピレン、ブタン・ブチレン、ブタジエン、分解ガソリンの販売金額は未調査。

\* 2 無水フタル酸、エチルアルコールは、P72、73に掲載。

Notes1) Sales amount of the following products is not surveyed, ethylene, propylene, butane, butylene, butadiene and pyrolysis gasoline.

Notes2) Phthalic anhydride and ethyl alcohol are published page 72 and page 73.



## (4) 石油化学製品(続き)

## Petrochemical products (continued)

| 品 目<br>Commodity                      | 単位<br>Unit | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷 Shipments   |                                    |                 | 月末在庫<br>Inventory |
|---------------------------------------|------------|-------------------|----------------|--------------------|-----------------|------------------------------------|-----------------|-------------------|
|                                       |            |                   |                |                    | 販 売 Sales       |                                    | そ の 他<br>Others |                   |
|                                       |            |                   |                |                    | 数 量<br>Quantity | 金 額(千円)<br>Value<br>(thousand yen) |                 |                   |
| 二塩化エチレン<br>Ethylene dichloride        | t          | 263,815           | 26,615         | 266,439            | 15,790          | 595,720                            | 7,520           | 41,659            |
| プロピレン * 1<br>Propylene                | t          | 418,617           | 118,915        | 130,187            | 372,063         | ...                                | 29,904          | 68,654            |
| 酸化プロピレン<br>Propylene oxide            | t          | 29,743            | 3,084          | 7,538              | 23,555          | 4,129,319                          | -               | 12,217            |
| プロピレングリコール<br>Propylene glycol        | t          | x                 | x              | x                  | x               | x                                  | x               | x                 |
| ポリプロピレングリコール<br>Polypropylene glycol  | t          | 20,518            | 368            | 2,286              | 20,399          | 4,645,758                          | 156             | 38,570            |
| エピクロロヒドリン<br>Epichlorohydrin          | t          | 11,806            | 400            | 1,269              | 9,243           | 2,087,568                          | 400             | 9,006             |
| イソプロピルアルコール<br>Isopropyl alcohol      | t          | 15,368            | 10             | 26                 | 14,909          | 1,717,319                          | -               | 10,866            |
| 合成アセトン<br>Acetone, synthetic          | t          | 22,129            | 10,143         | 10,583             | 11,469          | 2,830,500                          | 11,467          | 13,090            |
| メチルイソブチルケトン<br>Methyl isobutyl ketone | t          | 3,825             | -              | 6                  | 2,816           | 857,399                            | -               | 2,821             |
| アクリロニトリル<br>Acrylonitrile             | t          | 40,045            | 902            | 967                | 25,978          | 5,454,227                          | 12,753          | 22,520            |
| アクリル酸エステル<br>Acrylic esters           | t          | 25,567            | 1,039          | 2,107              | 19,170          | 3,898,710                          | 2,150           | 17,993            |
| 合成オクタノール<br>Octanol, synthetic        | t          | 17,210            | -              | 4                  | 17,370          | 1,830,751                          | -               | 6,241             |
| 合成ブタノール<br>Butanol, synthetic         | t          | 42,388            | -              | 25,795             | 10,857          | 971,607                            | 3,530           | 7,369             |
| メチルエチルケトン<br>Methyl ethyl ketone      | t          | 21,552            | -              | -                  | 20,459          | 2,673,359                          | -               | 9,993             |
| ブタン・ブチレン * 1<br>Butane, butylene      | t          | 217,611           | 40,169         | 66,664             | 168,977         | ...                                | 20,971          | 14,399            |
| ブタジエン * 1<br>Butadiene                | t          | 70,662            | 14,823         | 31,219             | 48,062          | ...                                | 1,201           | 20,794            |
| 分解ガソリン * 1<br>Pyrolysis gasoline      | t          | 333,972           | 14,044         | 221,066            | 107,808         | ...                                | 22,410          | 51,021            |

\* 1 エチレン、プロピレン、ブタン・ブチレン、ブタジエン、分解ガソリンの販売金額は未調査。

Notes1) Sales amount of the following products is not surveyed, ethylene, propylene, butane, butylene, butadiene and pyrolysis gasoline.

## (5) 無機薬品・火薬類

## Industrial inorganic chemicals and gunpowders

(単位:t) (Unit: t)

| 品 目<br>Commodity   | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷 Shipments   |                                    |                 | 月末在庫<br>Inventory |
|--|-------------------|----------------|--------------------|-----------------|------------------------------------|-----------------|-------------------|
|  |                   |                |                    | 販 売 Sales       |                                    | そ の 他<br>Others |                   |
|  |                   |                |                    | 数 量<br>Quantity | 金 額(千円)<br>Value<br>(thousand yen) |                 |                   |
| ふっ化水素酸(50%換算値)<br>Hydrofluoric acid (conv. to 50%)                       | 5,972             | 7,155          | 7,521              | 4,402           | 615,406                            | -               | 5,637             |
| りん酸<br>Phosphoric acid   | 4,900             | -              | 520                | 4,003           | 580,248                            | 151             | 3,272             |
| 水酸化カリウム<br>Potassium hydroxide   | 8,273             | -              | 1,377              | 9,081           | 1,738,624                          | 145             | 3,779             |
| 酸化亜鉛<br>Zinc oxide   | 5,776             | 10             | -                  | 5,376           | 1,903,469                          | -               | 3,575             |
| 酸化第二鉄<br>Ferric oxide  | 12,779            | -              | 1,000              | 11,946          | 1,947,833                          | -               | 16,627            |
| <b>顔料<br/>Pigments</b>   |                   |                |                    |                 |                                    |                 |                   |
| アゾ顔料<br>Azo pigment  | 691               | 15             | 1                  | 615             | 816,686                            | 64              | 868               |
| フタロシアニン系顔料<br>Copper phthalocyanine type pigments                        | 533               | 51             | 25                 | 591             | 1,409,129                          | 11              | 948               |
| <b>酸化チタン<br/>Titanium oxide</b>  | <b>15,860</b>     | <b>112</b>     | <b>2</b>           | <b>16,845</b>   | <b>5,960,305</b>                   | <b>89</b>       | <b>40,337</b>     |
| アナターズ型<br>Anatase type   | 3,375             | 19             | 2                  | 2,895           | 1,080,701                          | 56              | 9,756             |
| ルチル型<br>Rutile type  | 12,485            | 93             | -                  | 13,950          | 4,879,604                          | 33              | 30,581            |
| カーボンブラック<br>Carbon black   | 53,311            | 217            | -                  | 54,628          | 8,474,370                          | 335             | 55,304            |
| <b>活性炭<br/>Activated carbon</b>  | <b>4,025</b>      | <b>391</b>     | <b>277</b>         | <b>3,609</b>    | <b>1,971,389</b>                   | <b>620</b>      | <b>8,142</b>      |
| 粒状*<br>Granular activated carbon   | 2,610             | 241            | 277                | 2,212           | 1,356,894                          | 360             | 6,249             |
| 粉状<br>Activated carbon powder  | 1,415             | 150            | -                  | 1,397           | 614,495                            | 260             | 1,893             |
| 硫酸アルミニウム(14%固形換算値)<br>Aluminum sulfates (conv. to 14%)                   | 46,940            | 1,321          | 7,049              | 41,406          | 937,618                            | -               | 11,688            |
| ポリ塩化アルミニウム(アルミナ10%換算値)<br>Poly-aluminum chloride (alumina, conv. to 10%) | 54,502            | 3,440          | 1,150              | 59,287          | 1,374,037                          | 328             | 11,671            |
| よう素<br>Iodine  | 766               | 58             | 307                | 477             | 1,020,944                          | 38              | 2,004             |
| けい酸ナトリウム<br>Sodium silicate  | 30,258            | 1,943          | 817                | 30,193          | 806,840                            | 1,090           | 17,391            |
| 過酸化水素(100%重量換算値)<br>Hydrogen peroxide (amount conv. to 100%)             | 14,827            | 1,679          | 1,384              | 14,311          | 1,624,433                          | 2,003           | 19,398            |
| 化学石膏(2水塩換算値)<br>Chemical gypsum(conv. to 2 sulfate)                      | 394,419           | 1,394          | 7,743              | 374,189         | 567,661                            | 24              | 213,203           |
| 硫酸(100%換算値)<br>Sulfuric acid (conv. to 100%)                             | 503,343           | 12,815         | 67,151             | 439,078         | 2,776,168                          | 490             | 256,195           |

\* 活性炭のうち粒状には破砕炭を含む。

Notes) Granular activated charcoal includes crushed charcoal.

## (5) 無機薬品・火薬類(続き)

## Industrial inorganic chemicals and gunpowders (continued)

(単位:kg) (Unit: kg)

| 品目<br>Commodity   | 生産<br>Production | 受入<br>Receipt  | 消費<br>Consumption | 出荷 Shipments     |                                   |               | 月末在庫<br>Inventory |
|---|------------------|----------------|-------------------|------------------|-----------------------------------|---------------|-------------------|
|   |                  |                |                   | 販売 Sales         |                                   | その他<br>Others |                   |
|   |                  |                |                   | 数量<br>Quantity   | 金額(千円)<br>Value<br>(thousand yen) |               |                   |
| <b>火薬及び爆薬</b><br>Gunpowders and explosives  | <b>2,798,611</b> | <b>167,599</b> | <b>88</b>         | <b>2,857,444</b> | <b>800,877</b>                    | <b>-</b>      | <b>1,158,762</b>  |
| <b>硝安油剤爆薬</b><br>Ammonium nitrate fuel oil explosive                                | 1,921,640        | 44,250         | -                 | 1,834,296        | 277,616                           | -             | 679,709           |
| <b>火薬及びその他の爆薬(武器用を除く)</b><br>Gunpowders and other explosives<br>(except ammunition) | 876,971          | 123,349        | 88                | 1,023,148        | 523,261                           | -             | 479,053           |

## (6) 触媒

## Catalyst

(単位:t) (Unit: t)

| 品目<br>Commodity   | 生産<br>Production | 受入<br>Receipt | 消費<br>Consumption | 出荷 Shipments   |                                   |               | 月末在庫<br>Inventory |
|---|------------------|---------------|-------------------|----------------|-----------------------------------|---------------|-------------------|
|   |                  |               |                   | 販売 Sales       |                                   | その他<br>Others |                   |
|   |                  |               |                   | 数量<br>Quantity | 金額(千円)<br>Value<br>(thousand yen) |               |                   |
| <b>工業用</b><br>For technical grade   | <b>7,413</b>     | <b>99</b>     | <b>104</b>        | <b>7,094</b>   | <b>9,599,265</b>                  | <b>335</b>    | <b>17,426</b>     |
| <b>石油精製用</b><br>For petroleum refining  | <b>4,204</b>     | <b>-</b>      | <b>22</b>         | <b>4,531</b>   | <b>2,832,437</b>                  | <b>-</b>      | <b>10,891</b>     |
| 水素化処理触媒<br>(重油脱硫用を含む)<br>For hydrotreating<br>(including desulfurization of fuel oil)           | 1,776            | -             | -                 | 1,689          | 1,591,192                         | -             | 5,835             |
| <b>その他の石油精製用</b><br>For other petroleum refining  | 2,428            | -             | 22                | 2,842          | 1,241,245                         | -             | 5,056             |
| 石油化学品製造用<br>For petrochemical   | 1,850            | 93            | 22                | 1,179          | 3,931,338                         | 335           | 4,585             |
| 高分子重合用<br>For polymerization  | 1,283            | 3             | 38                | 1,321          | 1,749,096                         | -             | 1,754             |
| 油脂加工・医薬・食品製造用<br>For oil & fats processing,<br>pharmaceutical and food production               | 33               | -             | -                 | 32             | 856,671                           | -             | 94                |
| <b>その他の工業用(無機・雰囲気ガス等)</b><br>For other technical grade<br>(inorganic gas, atmospheric gas etc.) | 43               | 3             | 22                | 31             | 229,723                           | -             | 102               |
| <b>環境保全用</b><br>For environmental   | <b>1,405</b>     | <b>149</b>    | <b>43</b>         | <b>1,483</b>   | <b>23,340,597</b>                 | <b>-</b>      | <b>1,019</b>      |
| 自動車排気ガス浄化用<br>For auto emissions control  | 1,010            | 149           | 3                 | 1,151          | 22,725,238                        | -             | 585               |
| <b>その他の環境保全用</b><br>For other environmental   | 395              | -             | 40                | 332            | 615,359                           | -             | 434               |

## (7) 高圧ガス

## High pressure gas

| 品 目<br>Commodity                         | 単位<br>Unit                     | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷 Shipments   |                                    |                 | 月末在庫<br>Inventory |
|--|--------------------------------|-------------------|----------------|--------------------|-----------------|------------------------------------|-----------------|-------------------|
|  |                                |                   |                |                    | 販 売 Sales       |                                    | そ の 他<br>Others |                   |
|  |                                |                   |                |                    | 数 量<br>Quantity | 金 額(千円)<br>Value<br>(thousand yen) |                 |                   |
| 酸素(空気分留法)<br>Oxygen                      | 10 <sup>3</sup> m <sup>3</sup> | 1,015,000         | 43,397         | 241,051            | 802,431         | 7,312,918                          | 16,859          | 26,253            |
| 酸素(ガス)<br>Oxygen, gas                    | 10 <sup>3</sup> m <sup>3</sup> | 953,518           | 40,929         | 238,854            | 740,266         | 6,262,369                          | 15,328          | 98                |
| 酸素(液化)<br>Oxygen, liquid                 | 10 <sup>3</sup> m <sup>3</sup> | 61,482            | 2,468          | 2,197              | 62,165          | 1,050,549                          | 1,531           | 26,155            |
| 専 業 工 場 * 1<br>Specialized plants        | 10 <sup>3</sup> m <sup>3</sup> | 814,484           | 2,531          | 2,612              | 799,499         | 7,285,463                          | 16,845          | 26,225            |
| 専 業 工 場 (ガ ス)<br>Gas                     | 10 <sup>3</sup> m <sup>3</sup> | x                 | x              | x                  | x               | x                                  | x               | x                 |
| 専 業 工 場 (液 化)<br>Liquid                  | 10 <sup>3</sup> m <sup>3</sup> | x                 | x              | x                  | x               | x                                  | x               | x                 |
| 兼 業 工 場 * 2<br>Sideline plants           | 10 <sup>3</sup> m <sup>3</sup> | 200,516           | 40,866         | 238,439            | 2,932           | 27,455                             | 14              | 28                |
| 兼 業 工 場 (ガ ス)<br>Gas                     | 10 <sup>3</sup> m <sup>3</sup> | x                 | x              | x                  | x               | x                                  | x               | x                 |
| 兼 業 工 場 (液 化)<br>Liquid                  | 10 <sup>3</sup> m <sup>3</sup> | x                 | x              | x                  | x               | x                                  | x               | x                 |
| 窒 素<br>Nitrogen                          | 10 <sup>3</sup> m <sup>3</sup> | 1,220,918         | 53,305         | 234,256            | 1,019,749       | 6,466,860                          | 23,394          | 32,378            |
| 窒 素 (ガ ス)<br>Nitrogen, gas               | 10 <sup>3</sup> m <sup>3</sup> | 1,053,280         | 51,075         | 230,618            | 854,530         | 3,979,817                          | 19,047          | 168               |
| 窒 素 (液 化)<br>Nitrogen, liquid            | 10 <sup>3</sup> m <sup>3</sup> | 167,638           | 2,230          | 3,638              | 165,219         | 2,487,043                          | 4,347           | 32,210            |
| アルゴン<br>Argon                            | 10 <sup>3</sup> m <sup>3</sup> | 23,526            | 2,615          | 1,859              | 23,877          | 2,105,566                          | 282             | 4,325             |
| 水 素<br>Hydrogen                          | 10 <sup>3</sup> m <sup>3</sup> | 41,212            | 222            | 25,085             | 16,013          | 698,390                            | 320             | 262               |
| 溶 解 ア セ チ レ ン * 3<br>Dissolved acetylene | t                              | 699               | 20             | -                  | 672             | 456,422                            | 66              | 292               |
| フ ル オ ロ カ ー ボ ン<br>Fluoro carbon         | t                              | 6,308             | 4,020          | 5,927              | 3,111           | 3,615,401                          | 1,455           | 9,200             |
| 炭 酸 ガ ス * 4<br>Carbon dioxide            | t                              | 102,494           | 9,377          | 16,849             | 94,494          | 2,259,869                          | 1,274           | 6,925             |

\* 1 酸素専業工場とは、酸素を主として生産しているもの及び酸素以外の高圧ガスをも併産している工場をいう。

\* 2 兼業工場とは、高圧ガスと他の製品、例えば、鉄鋼、化学肥料などの生産も兼営している工場をいう。

\* 3 溶解アセチレンは高圧ガス容器詰のもの。

\* 4 炭酸ガスは、肥料、清涼飲料製造用の自家使用分は除く。

Notes1) Oxygen specialized plants mean plants mainly producing oxygen and plants that produce other high-pressure gases along with oxygen.

Notes2) Sideline plants mean plants that, in addition to high pressure gases, make other products such as iron and steel, and chemical fertilizers.

Notes3) Dissolved acetylene is that packed in high-pressure gas containers.

Notes4) Figures for carbon dioxide do not include in-house utilization for production of fertilizers and soft drinks.

## (8) プラスチック

Plastic (materials)

(単位:t)

(Unit: t)

| 品 目<br>Commodity  | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷 Shipments   |                                    |                 | 月末在庫<br>Inventory |
|---|-------------------|----------------|--------------------|-----------------|------------------------------------|-----------------|-------------------|
|   |                   |                |                    | 販 売 Sales       |                                    | そ の 他<br>Others |                   |
|   |                   |                |                    | 数 量<br>Quantity | 金 額(千円)<br>Value<br>(thousand yen) |                 |                   |
| <b>フェノール樹脂</b><br>Phenol-formaldehyde resins (PF)       | <b>26,820</b>     | <b>1,021</b>   | <b>849</b>         | <b>26,051</b>   | <b>6,490,772</b>                   | <b>676</b>      | <b>14,486</b>     |
| 成形材料<br>Molding materials                               | 2,592             | 263            | 43                 | 2,725           | 1,253,741                          | -               | 2,286             |
| 積層品<br>Laminates  | 1,286             | 208            | 728                | 662             | 535,225                            | 66              | 685               |
| 木材加工接着剤用<br>For lumber manufacturing adhesives          | 12,406            | 3              | 7                  | 12,399          | 1,092,865                          | 3               | 2,451             |
| その他のフェノール樹脂<br>For others                               | 10,536            | 547            | 71                 | 10,265          | 3,608,941                          | 607             | 9,064             |
| ユリア樹脂<br>Urea-formaldehyde resins (UF)                  | 4,867             | 39             | 351                | 4,705           | 444,805                            | 2               | 1,244             |
| <b>メラミン樹脂</b><br>Melamine-formaldehyde resins (MF)      | <b>7,041</b>      | <b>115</b>     | <b>480</b>         | <b>6,591</b>    | <b>2,552,195</b>                   | <b>65</b>       | <b>4,540</b>      |
| 化粧板用<br>For decorative laminating                       | 200               | 47             | -                  | 216             | 1,085,609                          | 23              | 306               |
| 塗料用<br>For coating                                      | 2,130             | 68             | 230                | 1,983           | 729,327                            | 42              | 2,727             |
| 接着剤用<br>For adhesives                                   | 3,975             | -              | 134                | 3,858           | 434,915                            | -               | 829               |
| その他のメラミン樹脂<br>For others                                | 736               | -              | 116                | 534             | 302,344                            | -               | 678               |
| <b>不飽和ポリエステル樹脂</b><br>Unsaturated polyester resins (UP) | <b>11,259</b>     | <b>209</b>     | <b>3,026</b>       | <b>7,108</b>    | <b>2,176,596</b>                   | <b>631</b>      | <b>9,488</b>      |
| FRP用*<br>For FRP  | 7,255             | 152            | 1,881              | 4,977           | 1,497,171                          | 1               | 5,179             |
| その他の不飽和ポリエステル樹脂<br>For others                           | 4,004             | 57             | 1,145              | 2,131           | 679,425                            | 630             | 4,309             |
| アルキド樹脂<br>Alkyd resins                                  | 5,455             | 262            | 1,844              | 3,521           | 1,425,541                          | 480             | 7,535             |
| エポキシ樹脂<br>Epoxy resins (EP)                             | 11,720            | 2,922          | 2,485              | 11,039          | 5,903,248                          | 511             | 18,854            |
| <b>ウレタンフォーム</b><br>Polyurethane foam                    | <b>17,256</b>     | <b>1,279</b>   | <b>2,017</b>       | <b>15,980</b>   | <b>10,520,449</b>                  | <b>701</b>      | <b>3,550</b>      |
| 軟質<br>Flexible foam                                     | 10,762            | 590            | 231                | 10,590          | 7,403,712                          | 673             | 2,211             |
| 硬質<br>Rigid foam  | 6,494             | 689            | 1,786              | 5,390           | 3,116,737                          | 28              | 1,339             |
| メタクリル酸エステル(モノマー)<br>Methacrylate (monomer)              | 41,189            | 2,952          | 13,966             | 28,289          | 7,009,560                          | 27              | 24,284            |

\* FRP用(強化プラスチック、Fiber reinforced plastics)

Notes) For use in FRP (reinforced plastics, fiber glass reinforced plastics)

## (8) プラスチック(続き)

Plastic (materials) (continued)

(単位:t)

(Unit: t)

| 品 目<br>Commodity   | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷 Shipments   |                                    |                 | 月 末 在 庫<br>Inventory |
|--|-------------------|----------------|--------------------|-----------------|------------------------------------|-----------------|----------------------|
|  |                   |                |                    | 販 売 Sales       |                                    | そ の 他<br>Others |                      |
|  |                   |                |                    | 数 量<br>Quantity | 金 額(千円)<br>Value<br>(thousand yen) |                 |                      |
| <b>メタクリル樹脂</b><br>Methacrylic resins                     | <b>14,365</b>     | <b>285</b>     | <b>1,616</b>       | <b>12,260</b>   | <b>4,282,115</b>                   | -               | <b>13,701</b>        |
| 成形材料<br>Molding materials                                | 9,817             | 149            | 591                | 8,782           | 2,333,270                          | -               | 9,533                |
| その他のメタクリル樹脂<br>For others                                | 4,548             | 136            | 1,025              | 3,478           | 1,948,845                          | -               | 4,168                |
| 酢酸ビニル(モノマー)<br>Vinyl acetate (monomer)                   | 44,674            | 3,502          | 26,033             | 21,677          | 2,705,682                          | 2,025           | 14,768               |
| ポリビニルアルコール<br>Polyvinyl alcohol (POVAL)                  | 14,914            | 80             | 4,071              | 12,389          | 3,802,879                          | 606             | 49,584               |
| 塩化ビニル(モノマー)<br>Vinyl chlorides (monomer)                 | 235,057           | 12,414         | 27,987             | 206,275         | 15,647,425                         | 11,776          | 21,483               |
| <b>塩化ビニル樹脂</b><br>Polyvinyl chloride (PVC)               | <b>133,694</b>    | <b>270</b>     | -                  | <b>132,911</b>  | <b>18,610,594</b>                  | -               | <b>137,644</b>       |
| ポリマー<br>Polymer  | 115,990           | 270            | -                  | 115,657         | 14,246,319                         | -               | 113,242              |
| コポリマー<br>Copolymer                                       | 6,448             | -              | -                  | 6,541           | 2,034,963                          | -               | 9,226                |
| ペースト<br>Paste resin                                      | 11,256            | -              | -                  | 10,713          | 2,329,312                          | -               | 15,176               |
| カプロラクタム<br>Caprolactam                                   | 20,967            | 360            | 7,720              | 7,835           | 2,524,092                          | 4,373           | 8,688                |
| ポリアミド系樹脂成形材料<br>Polyamide resins (molding material)      | 20,304            | 14             | 524                | 17,431          | 8,826,288                          | 959             | 35,888               |
| ふっ素樹脂<br>Fluorocarbon resins                             | 2,723             | 493            | 159                | 2,504           | 7,345,670                          | 253             | 4,738                |
| ポリカーボネート<br>Polycarbonate                                | 22,738            | 612            | 825                | 25,344          | 9,202,469                          | 308             | 42,262               |
| ポリアセタール<br>Polyacetal                                    | 11,807            | 184            | -                  | 10,075          | 3,621,648                          | -               | 23,683               |
| <b>ポリエチレンテレフタレート</b><br>Polyethylene terephthalate (PET) | <b>53,173</b>     | <b>7,219</b>   | <b>21,056</b>      | <b>16,297</b>   | <b>4,022,237</b>                   | <b>18,342</b>   | <b>63,377</b>        |
| 繊維用<br>For fiber   | 15,852            | 991            | 10,053             | 1,831           | 332,962                            | 4,475           | 6,112                |
| 容器用<br>For bottle  | x                 | x              | x                  | x               | x                                  | x               | x                    |
| その他のポリエチレンテレフタレート<br>For others                          | x                 | x              | x                  | x               | x                                  | x               | x                    |
| ポリブチレンテレフタレート<br>Polybutylene terephthalate (PBT)        | 11,703            | 270            | 164                | 10,233          | 3,391,561                          | -               | 22,708               |
| ポリフェニレンサルファイド<br>Polyphenylene sulfide                   | 3,598             | 45             | 690                | 2,105           | 1,653,553                          | 511             | 3,603                |
| その他の樹脂<br>Other resins                                   | 18,873            | 1,072          | 2,501              | 12,987          | 4,399,855                          | 4,510           | 27,152               |

## (9) 油脂製品、石けん・合成洗剤等及び界面活性剤

Oil and fat products, soap, synthetic detergents and surface-active agents

(単位:t)

(Unit: t)

| 品 目<br>Commodity   | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷 Shipments   |                                    |                 | 月末在庫<br>Inventory |
|--|-------------------|----------------|--------------------|-----------------|------------------------------------|-----------------|-------------------|
|  |                   |                |                    | 販 売 Sales       |                                    | そ の 他<br>Others |                   |
|  |                   |                |                    | 数 量<br>Quantity | 金 額(千円)<br>Value<br>(thousand yen) |                 |                   |
| <b>脂 肪 酸</b><br>Fatty acids                                  | <b>20,237</b>     | ...            | ...                | <b>7,510</b>    | <b>1,030,162</b>                   | ...             | <b>8,369</b>      |
| 直分脂肪酸<br>Split fatty acids                                   | 9,913             | ...            | ...                | 2,965           | 300,794                            | ...             | 1,803             |
| 硬化脂肪酸<br>Hardened fatty acids                                | 4,041             | ...            | ...                | 2,643           | 306,345                            | ...             | 2,454             |
| 分別・分留脂肪酸<br>Fractionated, fractionally distilled fatty acids | 6,283             | ...            | ...                | 1,902           | 423,023                            | ...             | 4,112             |
| 精製グリセリン(98.5%換算)<br>Refined glycerol(conv.to 98.5%)          | 3,712             | ...            | ...                | 5,756           | 1,036,543                          | ...             | 6,480             |
| <b>石 け ん ☆</b><br>Soap                                       | <b>11,450</b>     | ...            | ...                | <b>14,786</b>   | <b>5,829,997</b>                   | ...             | <b>8,819</b>      |
| 浴用・固形<br>Toilet soap, solid                                  | 2,468             | ...            | ...                | 3,177           | 2,008,254                          | ...             | 4,029             |
| 手洗用・液体<br>Hand soap, liquid                                  | 6,047             | ...            | ...                | 8,693           | 3,178,652                          | ...             | 2,291             |
| その他の石けん<br>For others  | 2,935             | ...            | ...                | 2,916           | 643,091                            | ...             | 2,499             |
| 洗顔・ボディ用身体洗剤<br>Facial, body cleaners                         | 12,326            | ...            | ...                | 12,573          | 7,096,389                          | ...             | 10,046            |
| <b>合 成 洗 剤</b><br>Synthetic detergents                       | <b>107,765</b>    | ...            | ...                | <b>104,335</b>  | <b>26,483,150</b>                  | ...             | <b>38,908</b>     |
| <b>洗 濯 用</b><br>Laundry detergents                           | <b>77,343</b>     | ...            | ...                | <b>74,893</b>   | <b>18,749,190</b>                  | ...             | <b>22,152</b>     |
| 粉末<br>Powders  | 16,861            | ...            | ...                | 16,082          | 3,684,065                          | ...             | 5,007             |
| <b>液 体 (ペースト状を含む)</b><br>Liquids (including pastes)          | <b>60,482</b>     | ...            | ...                | <b>58,811</b>   | <b>15,065,125</b>                  | ...             | <b>17,145</b>     |
| 中性<br>Neutral  | 40,694            | ...            | ...                | 39,644          | 9,029,894                          | ...             | 6,374             |
| 中性以外のもの<br>except Neutral                                    | 19,788            | ...            | ...                | 19,167          | 6,035,231                          | ...             | 10,771            |
| 台所用<br>Kitchen detergents                                    | 21,696            | ...            | ...                | 20,946          | 5,360,875                          | ...             | 10,800            |
| 住宅・家具用<br>Detergents for house, furniture                    | 8,726             | ...            | ...                | 8,496           | 2,373,085                          | ...             | 5,956             |
| 柔軟仕上げ剤<br>Fabric softeners                                   | 43,940            | ...            | ...                | 37,309          | 10,408,059                         | ...             | 20,835            |
| <b>漂 白 剤</b><br>Bleaching agents                             | <b>26,696</b>     | ...            | ...                | <b>25,589</b>   | <b>4,963,321</b>                   | ...             | <b>7,611</b>      |
| 酸素系<br>Oxide type  | 10,945            | ...            | ...                | 11,247          | 2,989,213                          | ...             | 3,286             |
| 塩素系<br>Chloride type   | 15,751            | ...            | ...                | 14,342          | 1,974,108                          | ...             | 4,325             |
| 酸・アルカリ洗剤<br>Acid and alkaline cleaners                       | 7,514             | ...            | ...                | 7,458           | 1,220,994                          | ...             | 2,325             |
| クレンザー<br>Scouring cleanser                                   | 538               | ...            | ...                | 606             | 86,937                             | ...             | 291               |

## (9) 油脂製品、石けん・合成洗剤等及び界面活性剤(続き)

Oil and fat products, soap, synthetic detergents and surface-active agents (continued)

(単位:t)

(Unit: t)

| 品 目<br>Commodity                                    | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷 Shipments   |                                    |                 | 月末在庫<br>Inventory |
|---|-------------------|----------------|--------------------|-----------------|------------------------------------|-----------------|-------------------|
|   |                   |                |                    | 販 売 Sales       |                                    | そ の 他<br>Others |                   |
|   |                   |                |                    | 数 量<br>Quantity | 金 額(千円)<br>Value<br>(thousand yen) |                 |                   |
| <b>界面活性剤</b><br>Surface-active agents               | <b>112,542</b>    | <b>8,282</b>   | <b>22,026</b>      | <b>85,991</b>   | <b>24,413,208</b>                  | <b>8,779</b>    | <b>110,453</b>    |
| <b>陰イオン活性剤</b><br>Anionic surfactants               | <b>42,424</b>     | <b>4,279</b>   | <b>12,622</b>      | <b>30,078</b>   | <b>5,734,143</b>                   | <b>1,848</b>    | <b>32,308</b>     |
| 硫酸エステル型<br>Sulfate type                             | 11,707            | 736            | 4,179              | 7,017           | 1,138,107                          | 507             | 9,059             |
| スルホン酸型<br>Sulfonate type                            | <b>13,192</b>     | <b>2,696</b>   | <b>5,452</b>       | <b>10,072</b>   | <b>1,345,053</b>                   | <b>333</b>      | <b>6,559</b>      |
| アルキル(アリル)スルホネート<br>Alkyl(aryl)sulfonates            | 9,429             | 2,396          | 4,954              | 7,074           | 665,718                            | 28              | 4,242             |
| その他のスルホン酸型<br>Other sulfate type                    | 3,763             | 300            | 498                | 2,998           | 679,335                            | 305             | 2,317             |
| その他の陰イオン活性剤<br>Other anionic surfactants            | 17,525            | 847            | 2,991              | 12,989          | 3,250,983                          | 1,008           | 16,690            |
| 陽イオン活性剤<br>Cationic surfactants                     | 3,869             | 199            | 487                | 3,453           | 1,372,865                          | 337             | 3,561             |
| <b>非イオン活性剤</b><br>Nonionic surfactants              | <b>60,887</b>     | <b>3,172</b>   | <b>7,823</b>       | <b>48,198</b>   | <b>15,789,793</b>                  | <b>6,254</b>    | <b>69,904</b>     |
| エーテル型<br>Etheric type                               | <b>42,046</b>     | <b>2,203</b>   | <b>6,180</b>       | <b>33,015</b>   | <b>8,392,090</b>                   | <b>4,596</b>    | <b>42,583</b>     |
| POEアルキルエーテル<br>Polyoxyethylene alkyl ethers         | 25,057            | 636            | 2,784              | 21,913          | 5,636,075                          | 1,927           | 22,092            |
| POEアルキルアリルエーテル<br>Polyoxyethylene alkyl aryl ethers | 3,737             | 289            | 2,431              | 834             | 256,330                            | 549             | 2,551             |
| その他のエーテル<br>Other ethers                            | 13,252            | 1,278          | 965                | 10,268          | 2,499,685                          | 2,120           | 17,940            |
| エステル・エーテル型<br>Ester-ether type                      | 4,380             | 419            | 288                | 3,633           | 1,407,553                          | 421             | 7,408             |
| 多価アルコールエステル<br>Polyhydric alcohol esters            | 6,882             | 207            | 173                | 6,300           | 3,959,700                          | 252             | 9,381             |
| その他の非イオン活性剤<br>Other nonionic surfactants           | 7,579             | 343            | 1,182              | 5,250           | 2,030,450                          | 985             | 10,532            |
| 両性イオン活性剤<br>Amphoteric surfactants                  | 2,358             | 569            | 660                | 2,045           | 428,453                            | 82              | 1,806             |
| 調合界面活性剤<br>Surface-active preparations              | 3,004             | 63             | 434                | 2,217           | 1,087,954                          | 258             | 2,874             |



## (10) 化粧品

## Cosmetics

## ① 製品

Products

(単位:kg)

(Unit: kg)

| 品 目<br>Commodity   | 生 産<br>Production | 受 入<br>Receipt   | 出 荷<br>Shipments  |                   |                                   |                  | 月末在庫<br>Inventory |
|--|-------------------|------------------|-------------------|-------------------|-----------------------------------|------------------|-------------------|
|  |                   |                  | 販 売<br>Sales      |                   |                                   | そ の 他<br>Others  |                   |
|  |                   |                  | 個数(10個)<br>n(10n) | 数 量<br>Quantity   | 金額(千円)<br>Value<br>(thousand yen) |                  |                   |
| <b>化粧品</b><br>Cosmetics  | <b>43,290,807</b> | <b>9,126,904</b> | <b>28,724,750</b> | <b>40,825,155</b> | <b>148,165,287</b>                | <b>5,315,649</b> | <b>76,262,375</b> |
| 香水・オーデコロン<br>Perfume and eau de cologne                        | 14,255            | 9,205            | 39,315            | 26,418            | 431,704                           | 454              | 78,200            |
| <b>頭髪用化粧品</b><br>Hair care products                            | <b>26,210,676</b> | <b>7,926,892</b> | <b>8,993,674</b>  | <b>23,057,538</b> | <b>33,724,499</b>                 | <b>4,710,332</b> | <b>53,265,331</b> |
| シャンプー<br>Shampoo   | 12,825,624        | 3,451,145        | 2,753,956         | 10,759,771        | 8,770,311                         | 1,972,875        | 23,434,266        |
| ヘアリンス<br>Hair rinse  | 6,289,224         | 191,262          | 897,455           | 3,367,073         | 1,949,984                         | 1,913,029        | 9,645,012         |
| ヘアトニック<br>Hair tonic   | 472,800           | 73,335           | 235,786           | 430,152           | 1,718,724                         | 24,490           | 815,902           |
| ヘアトリートメント<br>Hair treatment                                    | 1,801,829         | 3,851,557        | 1,409,642         | 3,919,404         | 5,923,596                         | 354,456          | 7,968,709         |
| ポマード・チック・ヘアクリーム・香油<br>Hair pomade, tique, hair cream, hair oil | 285,287           | 6,559            | 356,714           | 268,557           | 1,199,744                         | 3,644            | 582,819           |
| 液状・泡状整髪料<br>Liquid and foamy hair dressing                     | 559,416           | 39,638           | 299,355           | 541,404           | 948,679                           | 20,478           | 934,571           |
| セットローション<br>Waveset lotion                                     | 380,347           | 1,885            | 214,931           | 381,150           | 1,208,577                         | 4,303            | 642,693           |
| ヘアスプレー<br>Hair spray   | 1,040,998         | 10,854           | 511,705           | 819,796           | 1,917,262                         | 183,188          | 1,907,320         |
| 染毛料<br>Hair coloring prep                                      | 2,101,105         | 189,157          | 2,039,197         | 2,072,322         | 8,925,394                         | 149,244          | 6,052,067         |
| その他の頭髪用化粧品<br>Other hair care products                         | 454,046           | 111,500          | 274,933           | 497,909           | 1,162,228                         | 84,625           | 1,281,972         |
| <b>皮膚用化粧品</b><br>Skin cream products                           | <b>14,008,910</b> | <b>993,731</b>   | <b>11,639,953</b> | <b>13,857,465</b> | <b>73,269,088</b>                 | <b>542,485</b>   | <b>17,735,256</b> |
| 洗顔クリーム・フォーム<br>Facial washing cream and foam                   | 2,514,013         | 256,502          | 2,056,885         | 2,307,556         | 6,528,550                         | 124,825          | 4,060,224         |
| クレンジングクリーム<br>Cleansing cream                                  | 2,434,779         | 76,895           | 1,475,582         | 2,179,203         | 5,536,271                         | 30,798           | 2,415,891         |
| マッサージ・コールドクリーム<br>Massage and cold cream                       | 122,811           | 1,792            | 309,677           | 106,821           | 741,182                           | 959              | 105,924           |
| モイスタークリーム<br>Moisture cream                                    | 513,312           | 40,433           | 720,286           | 537,409           | 5,882,785                         | 15,476           | 364,808           |
| 乳液<br>Milky lotion   | 761,349           | 87,849           | 829,721           | 771,232           | 7,198,917                         | 12,468           | 978,257           |
| 化粧水<br>Skin lotion   | 2,792,681         | 326,568          | 1,677,901         | 2,757,152         | 18,863,346                        | 68,640           | 3,436,451         |
| 美容液<br>Beauty essence  | 490,094           | 8,185            | 965,729           | 446,776           | 15,841,694                        | 26,540           | 660,343           |
| パック<br>Beauty mask   | 632,991           | 49,536           | 854,760           | 489,499           | 3,617,450                         | 8,393            | 791,423           |
| 男性皮膚用化粧品<br>Skin cream for men                                 | 1,325,647         | 66,538           | 1,244,460         | 2,614,030         | 3,396,642                         | 58,818           | 1,241,254         |
| その他の皮膚用化粧品<br>Other skin care products                         | 2,421,233         | 79,433           | 1,504,952         | 1,647,787         | 5,662,251                         | 195,568          | 3,680,681         |

## ① 製品(続き)

Products (continued)

(単位:kg)

(Unit: kg)

| 品 目<br>Commodity   | 生 産<br>Production | 受 入<br>Receipt | 出 荷<br>Shipments  |                  |                                   |                 | 月 末 在 庫<br>Inventory |
|--|-------------------|----------------|-------------------|------------------|-----------------------------------|-----------------|----------------------|
|  |                   |                | 販 売<br>Sales      |                  |                                   | そ の 他<br>Others |                      |
|  |                   |                | 個数(10個)<br>n(10n) | 数 量<br>Quantity  | 金額(千円)<br>Value<br>(thousand yen) |                 |                      |
| <b>仕上用化粧品<br/>Makeup products</b>  | <b>524,640</b>    | <b>103,965</b> | <b>4,932,782</b>  | <b>502,716</b>   | <b>30,206,637</b>                 | <b>14,790</b>   | <b>1,243,262</b>     |
| ファンデーション<br>Makeup foundation  | 297,570           | 37,121         | 1,421,599         | 272,566          | 11,671,250                        | 5,885           | 572,777              |
| おしろい<br>Face powder  | 23,427            | 12,187         | 195,211           | 31,369           | 2,398,859                         | 468             | 58,049               |
| 口 紅<br>Lipstick  | 17,532            | 3,213          | 598,119           | 20,117           | 3,988,691                         | 1,646           | 101,366              |
| リップクリーム<br>Lip cream   | 22,199            | 17,121         | 752,438           | 29,199           | 1,520,676                         | 3,630           | 53,579               |
| ほほ紅<br>Cheek color   | 6,587             | 2,571          | 170,893           | 9,884            | 1,025,462                         | 575             | 29,100               |
| アイメイクアップ<br>Eye makeup   | 40,300            | 3,969          | 681,695           | 33,936           | 4,725,434                         | 728             | 107,582              |
| まゆ墨・まつ毛化粧品<br>Eye brow and mascara   | 14,906            | 5,813          | 732,719           | 24,807           | 3,635,406                         | 584             | 111,908              |
| つめ化粧品(除光液を含む)<br>Nail makeup preparations<br>(including nail makeup remover) | 82,494            | 5,099          | 280,400           | 60,647           | 719,324                           | 829             | 177,025              |
| その他の仕上用化粧品<br>Other makeup products  | 19,625            | 16,871         | 99,708            | 20,191           | 521,535                           | 445             | 31,876               |
| <b>特殊用途化粧品<br/>Specific use products</b>                                     | <b>2,532,326</b>  | <b>93,111</b>  | <b>3,119,026</b>  | <b>3,381,018</b> | <b>10,533,359</b>                 | <b>47,588</b>   | <b>3,940,326</b>     |
| 日やけ止め及び日やけ用化粧品<br>Sunscreen and suntan preparations                          | 618,064           | 68,605         | 1,191,447         | 752,309          | 5,774,513                         | 36,613          | 999,738              |
| ひげそり用・浴用化粧品<br>Shaving and preparations                                      | 963,992           | 6,543          | 385,497           | 1,024,846        | 826,537                           | 2,274           | 1,006,984            |
| その他の特殊用途化粧品<br>Other specific use products                                   | 950,270           | 17,963         | 1,542,082         | 1,603,863        | 3,932,309                         | 8,701           | 1,933,604            |

## ② 化粧品生産金額

Cosmetics (value of production)

(単位:千円)

経済産業局別、都道府県別内訳

Group and bureaus, group and prefectures

(Unit: thousand yen)

| 経済産業局別<br>Bureaus               | 都道府県別<br>Prefectures     | 生産金額<br>Value of production | 経済産業局別<br>Bureaus        | 都道府県別<br>Prefectures     | 生産金額<br>Value of production |
|---------------------------------|--------------------------|-----------------------------|--------------------------|--------------------------|-----------------------------|
| <b>全 国 計</b><br>All Japan total |                          | <b>152,669,407</b>          |                          | <b>計</b><br><b>Total</b> | <b>35,873,081</b>           |
| 北海道<br>Hokkaido                 | 1 北海道<br>Hokkaido        | x                           | 近 畿<br>Kansai            | 18 福 井<br>Fukui          | -                           |
|                                 | <b>計</b><br><b>Total</b> | <b>1,552,724</b>            |                          | 25 滋 賀<br>Shiga          | 13,055,330                  |
| 東 北<br>Touhoku                  | 2 青 森<br>Aomori          | -                           |                          | 26 京 都<br>Kyoto          | x                           |
|                                 | 3 岩 手<br>Iwate           | x                           |                          | 27 大 阪<br>Osaka          | 13,221,207                  |
|                                 | 4 宮 城<br>Miyagi          | -                           |                          | 28 兵 庫<br>Hyogo          | 7,807,510                   |
|                                 | 5 秋 田<br>Akita           | x                           |                          | 29 奈 良<br>Nara           | x                           |
|                                 | 6 山 形<br>Yamagata        | x                           |                          | 30 和歌山<br>Wakayama       | 1,130,356                   |
|                                 | 7 福 島<br>Fukushima       | 220,565                     | <b>計</b><br><b>Total</b> | <b>2,285,056</b>         |                             |
|                                 | <b>計</b><br><b>Total</b> | <b>88,855,609</b>           | 中 国<br>Chugoku           | 31 鳥 取<br>Tottori        | -                           |
| 関 東<br>Kanto                    | 8 茨 城<br>Ibaraki         | x                           |                          | 32 島 根<br>Shimane        | 1,181,024                   |
|                                 | 9 栃 木<br>Tochigi         | 1,962,623                   |                          | 33 岡 山<br>Okayama        | x                           |
|                                 | 10 群 馬<br>Gunma          | 10,675,026                  |                          | 34 広 島<br>Hiroshima      | x                           |
|                                 | 11 埼 玉<br>Saitama        | 30,139,855                  |                          | 35 山 口<br>Yamaguchi      | -                           |
|                                 | 12 千 葉<br>Chiba          | 2,387,517                   |                          | <b>計</b><br><b>Total</b> | <b>x</b>                    |
|                                 | 13 東 京<br>Tokyo          | 9,725,282                   | 四 国<br>Shikoku           | 36 徳 島<br>Tokushima      | x                           |
|                                 | 14 神奈川<br>Kanagawa       | 17,430,726                  |                          | 37 香 川<br>Kagawa         | x                           |
|                                 | 15 新 潟<br>Niigata        | -                           |                          | 38 愛 媛<br>Ehime          | x                           |
|                                 | 19 山 梨<br>Yamanashi      | -                           |                          | 39 高 知<br>Kochi          | x                           |
|                                 | 20 長 野<br>Nagano         | x                           | <b>計</b><br><b>Total</b> | <b>2,673,065</b>         |                             |
| 22 静 岡<br>Shizuoka              | 15,684,610               | 九 州<br>Kyusyu               | 40 福 岡<br>Fukuoka        | x                        |                             |
| <b>計</b><br><b>Total</b>        | <b>21,110,760</b>        |                             | 41 佐 賀<br>Saga           | 622,047                  |                             |
| 中 部<br>Chubu                    | 16 富 山<br>Toyama         |                             | -                        | 42 長 崎<br>Nagasaki       | -                           |
|                                 | 17 石 川<br>Ishikawa       |                             | x                        | 43 熊 本<br>Kumamoto       | x                           |
|                                 | 21 岐 阜<br>Gifu           |                             | x                        | 44 大 分<br>Oita           | -                           |
|                                 | 23 愛 知<br>Aichi          |                             | 16,381,329               | 45 宮 崎<br>Miyazaki       | -                           |
|                                 | 24 三 重<br>Mie            | 4,676,569                   | 46 鹿 児 島<br>Kagoshima    | -                        |                             |
|                                 |                          |                             | 沖 縄<br>Okinawa           | 47 沖 縄<br>Okinawa        | -                           |

## (11) 塗料及び印刷インキ

Paints and printing inks

(単位:t)

(Unit: t)

| 品 目<br>Commodity                                     | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷 Shipments   |                                     |                 | 月 末 在 庫<br>Inventory |
|--|-------------------|----------------|--------------------|-----------------|-------------------------------------|-----------------|----------------------|
|  |                   |                |                    | 販 売 Sales       |                                     | そ の 他<br>Others |                      |
|  |                   |                |                    | 数 量<br>Quantity | 金 額 (千円)<br>Value<br>(thousand yen) |                 |                      |
| <b>塗 料</b><br>Paints                                 | <b>140,957</b>    | <b>59,948</b>  | <b>11,017</b>      | <b>152,686</b>  | <b>59,696,347</b>                   | <b>37,052</b>   | <b>101,616</b>       |
| ラッカー<br>Nitrocellulose lacquers                      | 1,548             | 527            | 127                | 863             | 523,590                             | 1,100           | 1,622                |
| 電気絶縁塗料<br>Insulating paints                          | 2,208             | 30             | 24                 | 2,084           | 1,568,457                           | 21              | 1,638                |
| <b>合成樹脂塗料</b><br>Synthetic resin paints              | <b>91,634</b>     | <b>43,491</b>  | <b>9,907</b>       | <b>96,307</b>   | <b>44,936,690</b>                   | <b>28,761</b>   | <b>85,076</b>        |
| <b>溶剤系塗料</b><br>Organic solvent type                 | <b>48,413</b>     | <b>24,799</b>  | <b>5,035</b>       | <b>50,512</b>   | <b>29,356,640</b>                   | <b>17,546</b>   | <b>51,479</b>        |
| <b>アルキド樹脂系塗料</b><br>Alkyd resin paints               | <b>6,253</b>      | <b>4,144</b>   | <b>753</b>         | <b>6,326</b>    | <b>2,219,918</b>                    | <b>3,344</b>    | <b>7,842</b>         |
| ワニス・エナメル<br>Varnishes and enamels                    | 1,516             | 1,027          | 186                | 1,648           | 815,935                             | 798             | 1,782                |
| 調合ペイント<br>Ready mixed paint                          | 1,334             | 1,042          | 170                | 1,387           | 589,368                             | 783             | 2,313                |
| さび止ペイント<br>Anti-corrosive paint                      | 3,403             | 2,075          | 397                | 3,291           | 814,615                             | 1,763           | 3,747                |
| アミノアルキド樹脂系塗料<br>Amino alkyd resin paints             | 5,348             | 3,253          | 352                | 5,029           | 2,884,310                           | 3,344           | 5,599                |
| <b>アクリル樹脂系塗料</b><br>Acrylic resin paints             | <b>7,412</b>      | <b>3,452</b>   | <b>1,119</b>       | <b>7,581</b>    | <b>5,259,632</b>                    | <b>2,225</b>    | <b>8,641</b>         |
| 常温乾燥型<br>Acrylic resin paints, air type              | 4,294             | 1,823          | 496                | 4,451           | 2,653,679                           | 1,073           | 5,633                |
| 焼付乾燥型<br>Acrylic resin paints, baking type           | 3,118             | 1,629          | 623                | 3,130           | 2,605,953                           | 1,152           | 3,008                |
| エポキシ樹脂系塗料<br>Epoxy resin paints                      | 10,251            | 3,709          | 914                | 10,755          | 4,183,910                           | 2,078           | 9,607                |
| ウレタン樹脂系塗料<br>Polyurethane paints                     | 10,529            | 6,171          | 991                | 12,116          | 8,923,213                           | 3,754           | 12,390               |
| 不飽和ポリエステル樹脂系塗料<br>Unsaturated polyester resin paints | 671               | 275            | 182                | 617             | 491,959                             | 173             | 484                  |
| 船底塗料<br>Ship bottom paints                           | 1,273             | 308            | 8                  | 1,394           | 813,910                             | 90              | 1,029                |
| その他の溶剤系塗料<br>Other solvent varnishes                 | 6,676             | 3,487          | 716                | 6,694           | 4,579,788                           | 2,538           | 5,887                |
| <b>水系塗料</b><br>Water soluble type                    | <b>35,976</b>     | <b>14,892</b>  | <b>3,880</b>       | <b>36,992</b>   | <b>12,149,419</b>                   | <b>9,753</b>    | <b>25,306</b>        |
| <b>エマルション系塗料</b><br>Emulsion paints                  | <b>21,714</b>     | <b>8,939</b>   | <b>891</b>         | <b>22,593</b>   | <b>6,358,539</b>                    | <b>6,856</b>    | <b>16,701</b>        |
| エマルションペイント<br>Emulsion paints                        | 19,713            | 6,825          | 803                | 20,138          | 5,978,734                           | 5,400           | 14,137               |
| 厚膜型エマルションペイント<br>High build textured                 | 2,001             | 2,114          | 88                 | 2,455           | 379,805                             | 1,456           | 2,564                |
| 水性樹脂系塗料<br>Water soluble resin paints                | 14,262            | 5,953          | 2,989              | 14,399          | 5,790,880                           | 2,897           | 8,605                |

(11) 塗料及び印刷インキ(続き)  
Paints and printing inks (continued)

(単位:t) (Unit: t)

| 品 目<br>Commodity                            | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷 Shipments   |                                    |                 | 月 末 在 庫<br>Inventory |
|---|-------------------|----------------|--------------------|-----------------|------------------------------------|-----------------|----------------------|
|   |                   |                |                    | 販 売 Sales       |                                    | そ の 他<br>Others |                      |
|   |                   |                |                    | 数 量<br>Quantity | 金 額(千円)<br>Value<br>(thousand yen) |                 |                      |
| <b>無 溶 剤 系 塗 料</b><br>Non-solvent type      | <b>7,245</b>      | <b>3,800</b>   | <b>992</b>         | <b>8,803</b>    | <b>3,430,631</b>                   | <b>1,462</b>    | <b>8,291</b>         |
| 粉 体 塗 料<br>Powdered paints                  | 3,120             | 3,139          | 915                | 4,330           | 2,968,397                          | 1,109           | 5,547                |
| ト ラ フ ィ ッ ク ペ イ ン ト<br>Traffic paints       | 4,125             | 661            | 77                 | 4,473           | 462,234                            | 353             | 2,744                |
| そ の 他 の 塗 料<br>Other paints                 | 6,074             | 6,706          | 331                | 9,683           | 4,884,438                          | 2,898           | 6,062                |
| シ ン ナ ー<br>Thinners                         | 39,493            | 9,194          | 628                | 43,749          | 7,783,172                          | 4,272           | 7,218                |
| <b>印 刷 イ ン キ</b><br>Printing inks           | <b>28,095</b>     | <b>10,596</b>  | <b>-</b>           | <b>32,268</b>   | <b>25,077,310</b>                  | <b>5,816</b>    | <b>15,694</b>        |
| <b>一 般 イ ン キ</b><br>General inks            | <b>24,948</b>     | <b>9,552</b>   | <b>-</b>           | <b>29,324</b>   | <b>23,575,304</b>                  | <b>4,792</b>    | <b>14,215</b>        |
| 平 版 イ ン キ<br>Planographic inks              | 7,590             | 3,083          | -                  | 8,998           | 5,725,603                          | 1,536           | 6,191                |
| 樹 脂 凸 版 イ ン キ<br>Resin letterpress inks     | 1,818             | 795            | -                  | 2,364           | 1,763,299                          | 281             | 1,261                |
| 金 属 印 刷 イ ン キ<br>Metal decorating inks      | 1,023             | 200            | -                  | 1,118           | 981,950                            | -               | 562                  |
| グ ラ ビ ア イ ン キ<br>Gravure inks               | 10,960            | 4,957          | -                  | 13,351          | 7,180,923                          | 2,639           | 3,890                |
| そ の 他 の イ ン キ<br>Other inks                 | 3,557             | 517            | -                  | 3,493           | 7,923,529                          | 336             | 2,311                |
| 新 聞 イ ン キ<br>News papers inks               | 3,147             | 1,044          | -                  | 2,944           | 1,502,006                          | 1,024           | 1,479                |
| 印 刷 イ ン キ 用 ワ ニ ス<br>Printing ink varnishes | 7,747             | 287            | 5,466              | 2,479           | 824,420                            | 63              | 2,759                |

## 10. ゴム製品

## Rubber products

(30年7月) (Jul. 2018)

## (1) ゴム製品

| Rubber products   |                            |                   |                           |                |                  |                                     |                 |                      |  |
|---|----------------------------|-------------------|---------------------------|----------------|------------------|-------------------------------------|-----------------|----------------------|--|
| 品 目<br>Commodity  | 単 位<br>Unit                | 生 産<br>Production |                           | 受 入<br>Receipt | 出 荷<br>Shipments |                                     |                 | 月 末 在 庫<br>Inventory |  |
|   |                            | 数 量<br>Quantity   | 新ゴム量(t)<br>New rubber (t) |                | 販 売<br>Sales     |                                     | そ の 他<br>Others |                      |  |
|   |                            |                   |                           |                | 数 量<br>Quantity  | 金 額 (千円)<br>Value<br>(thousand yen) |                 |                      |  |
| <b>ゴム製品 *1</b><br>Rubber products   |                            | ...               | ...                       | ...            | ...              | <b>198,280,597</b>                  | ...             | ...                  |  |
| <b>自動車用タイヤ *2</b><br>Rubber tires for automobiles   | <b>千本</b><br>(1000 pieces) | <b>13,120</b>     | ...                       | <b>593</b>     | <b>12,734</b>    | <b>103,453,346</b>                  | <b>420</b>      | <b>6,224</b>         |  |
| トラック・バス用<br>Tires for trucks and buses  | 千本<br>(1000 pieces)        | 926               | ...                       | 51             | 876              | 21,210,543                          | 51              | 489                  |  |
| 乗用車用<br>Tires for passenger cars  | 千本<br>(1000 pieces)        | 9,850             | ...                       | 437            | 9,561            | 48,443,046                          | 305             | 4,519                |  |
| 小型トラック用<br>Tires for light trucks   | 千本<br>(1000 pieces)        | 1,920             | ...                       | 64             | 1,836            | 11,744,003                          | 64              | 909                  |  |
| 二輪自動車用<br>Tires for motorcycles   | 千本<br>(1000 pieces)        | 301               | ...                       | 24             | 321              | 861,148                             | -               | 178                  |  |
| 特殊車両用<br>Tires for special motor vehicles   | 本<br>(piece)               | 122,289           | ...                       | 16,434         | 140,056          | 21,194,606                          | 202             | 128,115              |  |
| <b>ゴム製履物</b><br>Articles for shoes  | <b>千足</b><br>(1000 pairs)  | <b>230</b>        | <b>114</b>                | <b>1,731</b>   | <b>1,087</b>     | <b>2,224,730</b>                    | -               | <b>5,686</b>         |  |
| ゴム底布ぐつ<br>Rubber-soled canvas shoes   | 千足<br>(1000 pairs)         | 137               | 87                        | 1,695          | 984              | 2,025,825                           | -               | 5,192                |  |
| その他のゴム製履物<br>(総ゴムぐつを含む)<br>Other articles for shoes (boots and shoes, wholly of rubber)   | 千足<br>(1000 pairs)         | 93                | 27                        | 36             | 103              | 198,905                             | -               | 494                  |  |
| <b>プラスチック製履物</b><br>Footwear of artificial plastic materials  | <b>千足</b><br>(1000 pairs)  | <b>1,201</b>      | ...                       | <b>36</b>      | <b>832</b>       | <b>1,502,786</b>                    | -               | <b>4,598</b>         |  |
| くつ(射出成形品)<br>Boots and shoes (footwear of artificial plastic materials (injected))  | 千足<br>(1000 pairs)         | 969               | ...                       | 23             | 631              | 720,643                             | -               | 4,190                |  |
| その他のプラスチック製履物(ゴム・プラスチック製のくつ、サンダルを含む)<br>Other footwear of artificial plastic materials (footwear with soles of rubber and plastic, plastic sandals) | 千足<br>(1000 pairs)         | 232               | ...                       | 13             | 201              | 782,143                             | -               | 408                  |  |
| <b>ゴムベルト</b><br>Rubber beltings   |                            | ...               | <b>1,903</b>              | ...            | ...              | <b>5,921,948</b>                    | ...             | ...                  |  |
| コンベヤベルト<br>Conveyor and elevator beltings   | 1000cmプライ<br>(1000cmpl)    | 164,766           | 1,253                     | 53,436         | 173,386          | 1,522,995                           | 6,648           | 293,562              |  |
| 歯付ベルト<br>Synchronous belts  | 新ゴム量/t<br>(new rubber/t)   | ...               | 155                       | 52             | 179              | 1,523,206                           | 29              | 63                   |  |
| その他のゴムベルト<br>Other rubber beltings  | 新ゴム量/t<br>(new rubber/t)   | ...               | 495                       | 444            | 808              | 2,875,747                           | 113             | 1,748                |  |
| <b>ゴムホース</b><br>Rubber hoses  | <b>1000m</b>               | <b>28,047</b>     | <b>3,309</b>              | <b>15</b>      | <b>27,926</b>    | <b>12,258,852</b>                   | -               | <b>9,291</b>         |  |
| 高圧用<br>High pressure hoses  | 1000m                      | 3,917             | 568                       | -              | 3,877            | 1,788,394                           | -               | 864                  |  |
| 自動車用<br>Hoses for automobiles   | 1000m                      | 21,727            | 2,146                     | 10             | 21,511           | 9,326,646                           | -               | 5,996                |  |
| その他のゴムホース<br>Other rubber hoses   | 1000m                      | 2,403             | 595                       | 5              | 2,538            | 1,143,812                           | -               | 2,431                |  |

\*1 ゴム製品計には、再生ゴムを含まない。

\*2 自動車用タイヤの生産数量の合計は、四捨五入の影響により各タイヤの積み上げ計と一致しないことがあります。

Notes1) The numerical value of regenerated rubber is not included in the rubber product total.

Notes2) Because of the round, the total of rubber tires for automobiles may not accord with the total that piled up the numerical value of each tires.

## (1) ゴム製品 (続き)

## Rubber products (continued)

| 品 目<br>Commodity   | 単 位<br>Unit              | 生 産<br>Production |                           | 受 入<br>Receipt | 出 荷<br>Shipments |                                     |                 | 月 末 在 庫<br>Inventory |
|--|--------------------------|-------------------|---------------------------|----------------|------------------|-------------------------------------|-----------------|----------------------|
|  |                          | 数 量<br>Quantity   | 新ゴム量(t)<br>New rubber (t) |                | 販 売<br>Sales     |                                     | そ の 他<br>Others |                      |
|  |                          |                   |                           |                | 数 量<br>Quantity  | 金 額 (千円)<br>Value<br>(thousand yen) |                 |                      |
| <b>工業用ゴム製品</b><br>Industrial rubber products                           | 新ゴム量/t<br>(new rubber/t) | ...               | 15,656                    | 2,262          | 17,370           | 64,459,533                          | 577             | 6,726                |
| 防振ゴム<br>Anti-vibration rubber  | 新ゴム量/t<br>(new rubber/t) | ...               | 2,848                     | 362            | 3,208            | 13,938,287                          | -               | 587                  |
| 防げん材<br>Marine fender  | 新ゴム量/t<br>(new rubber/t) | ...               | 130                       | -              | 123              | 518,573                             | -               | 113                  |
| ゴムロール(一般工業用等)<br>Industrial rubber covered rollers                     | 新ゴム量/t<br>(new rubber/t) | ...               | 437                       | 65             | 508              | 2,792,042                           | -               | 375                  |
| パッキン類<br>Rubber packing  | 新ゴム量/t<br>(new rubber/t) | ...               | 2,512                     | 1,255          | 3,323            | 24,990,139                          | 362             | 1,100                |
| オイルシール<br>Oil seals  | 新ゴム量/t<br>(new rubber/t) | ...               | 798                       | 588            | 1,093            | 10,163,861                          | 254             | 127                  |
| スポンジ製品<br>Sponge rubber  | 新ゴム量/t<br>(new rubber/t) | ...               | 3,097                     | 9              | 3,072            | 5,929,698                           | 47              | 819                  |
| ゴム板<br>Rubber sheeting   | 新ゴム量/t<br>(new rubber/t) | ...               | 1,886                     | 23             | 1,956            | 2,231,019                           | -               | 1,253                |
| その他の工業用ゴム製品<br>Other industrial rubber products                        | 新ゴム量/t<br>(new rubber/t) | ...               | 4,746                     | 548            | 5,180            | 14,059,775                          | 168             | 2,479                |
| 更生タイヤ用練生地<br>Compounded rubber for retread tires<br>and recapped tires | 新ゴム量/t<br>(new rubber/t) | ...               | 802                       | -              | 796              | 404,773                             | -               | 65                   |
| <b>その他のゴム製品</b><br>Other rubber products                               | 新ゴム量/t<br>(new rubber/t) | ...               | 1,529                     | 207            | 1,794            | 8,054,629                           | 19              | 2,115                |
| 医療・衛生用<br>Rubber products for medical and<br>surgical dressings        | 新ゴム量/t<br>(new rubber/t) | ...               | 500                       | 2              | 507              | 4,254,976                           | -               | 488                  |
| 運動競技用品<br>For athletics  | 新ゴム量/t<br>(new rubber/t) | ...               | 239                       | -              | 194              | 1,073,784                           | -               | 353                  |
| その他<br>Others  | 新ゴム量/t<br>(new rubber/t) | ...               | 790                       | 205            | 1,093            | 2,725,869                           | 19              | 1,274                |
| 再生ゴム<br>Regenerated rubber   | t                        | 1,303             | ...                       | 19             | 1,337            | 219,706                             | 32              | 1,956                |

## 11. プラスチック製品

## Plastic products

## (1) プラスチック製品

## Plastic products

| 品 目<br>Commodity                                   | 単 位<br>Unit | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷<br>Shipments |                                     |                 | 月 末 在 庫<br>Inventory |
|--|-------------|-------------------|----------------|--------------------|------------------|-------------------------------------|-----------------|----------------------|
|  |             |                   |                |                    | 販 売<br>Sales     |                                     | そ の 他<br>Others |                      |
|  |             |                   |                |                    | 数 量<br>Quantity  | 金 額 (千円)<br>Value<br>(thousand yen) |                 |                      |
| <b>プラスチック製品</b><br>Plastic products                | t           | 510,786           | 74,625         | 22,762             | 527,854          | 368,857,457                         | 31,472          | 472,147              |
| <b>フィルム・シート</b><br>Plastic film and plastic sheets | t           | 219,253           | 34,587         | 15,691             | 222,738          | 105,936,570                         | 13,450          | 260,446              |
| <b>フィルム</b><br>Plastic film                        | t           | 200,634           | 34,257         | 13,675             | 206,868          | 98,630,996                          | 12,921          | 238,611              |
| <b>軟質製品</b><br>Soft plastic goods                  | t           | 145,683           | 9,493          | 2,308              | 142,981          | 70,267,411                          | 8,212           | 174,050              |
| 農業用<br>For agriculture                             | t           | 7,653             | 438            | 3                  | 7,354            | 2,712,377                           | 343             | 16,300               |
| 包装用<br>For packages                                | t           | 103,222           | 6,570          | 1,326              | 103,800          | 39,795,681                          | 4,214           | 118,995              |
| ラミネート<br>For laminate                              | t           | 11,849            | 1,351          | 134                | 12,333           | 8,854,013                           | 199             | 21,873               |
| その他の軟質製品<br>For others                             | t           | 22,959            | 1,134          | 845                | 19,494           | 18,905,340                          | 3,456           | 16,882               |
| <b>硬質製品</b><br>Hard plastic goods                  | t           | 54,951            | 24,764         | 11,367             | 63,887           | 28,363,585                          | 4,709           | 64,561               |

## (1) プラスチック製品 (続き)

## Plastic products (continued)

| 品 目<br>Commodity   | 単 位<br>Unit | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷<br>Shipments |                                     |                 | 月 末 在 庫<br>Inventory |
|--|-------------|-------------------|----------------|--------------------|------------------|-------------------------------------|-----------------|----------------------|
|  |             |                   |                |                    | 販 売<br>Sales     |                                     | そ の 他<br>Others |                      |
|  |             |                   |                |                    | 数 量<br>Quantity  | 金 額 (千円)<br>Value<br>(thousand yen) |                 |                      |
| シート<br>Plastic sheets  | t           | 18,619            | 330            | 2,016              | 15,870           | 7,305,574                           | 529             | 21,835               |
| <b>板<br/>Plastic plates</b>  | <b>t</b>    | <b>10,176</b>     | <b>515</b>     | <b>162</b>         | <b>9,731</b>     | <b>5,312,627</b>                    | <b>656</b>      | <b>6,632</b>         |
| 平板<br>Plastic flat plates  | t           | 8,527             | 424            | 162                | 8,341            | 4,660,767                           | 474             | 4,460                |
| 波板<br>Plastic wave plates  | t           | 1,649             | 91             | -                  | 1,390            | 651,860                             | 182             | 2,172                |
| 合成皮革<br>Plastic synthetic leathers (supported sheets)  | t           | 5,020             | 27             | -                  | 4,960            | 7,158,737                           | 39              | 2,774                |
| パイプ<br>Plastic pipes   | t           | 33,428            | 1,811          | 38                 | 29,551           | 7,743,405                           | 4,950           | 36,010               |
| 継手<br>Plastic pipe fittings  | t           | 3,765             | 116            | 11                 | 3,183            | 2,391,679                           | 505             | 5,006                |
| <b>機械器具部品(照明用品を含む)<br/>Plastic products for machine tools and parts (including lighting equipment)</b> | <b>t</b>    | <b>58,153</b>     | <b>12,956</b>  | <b>5,030</b>       | <b>64,746</b>    | <b>111,196,639</b>                  | <b>1,214</b>    | <b>13,880</b>        |
| 輸送機械用部品<br>Plastic transport   | t           | 43,538            | 9,979          | 2,987              | 49,242           | 79,352,709                          | 1,050           | 7,605                |
| 電気通信用部品<br>Electronic communication equipment parts  | t           | 10,244            | 1,995          | 1,910              | 10,079           | 19,234,820                          | 153             | 4,276                |
| その他の部品<br>Other plastic products for machine tools and parts   | t           | 4,371             | 982            | 133                | 5,425            | 12,609,110                          | 11              | 1,999                |
| 日用品・雑貨<br>Plastic products for daily necessities and miscellaneous goods                               | t           | 25,305            | 2,885          | 92                 | 26,392           | 24,898,513                          | 1,732           | 20,743               |
| <b>容器<br/>Plastic containers</b>   | <b>t</b>    | <b>79,739</b>     | <b>11,998</b>  | <b>7</b>           | <b>84,470</b>    | <b>41,916,654</b>                   | <b>6,655</b>    | <b>43,759</b>        |
| 中空成形容器<br>Plastic containers (blow-molding)  | t           | 47,674            | 11,426         | 7                  | 51,493           | 27,766,590                          | 6,620           | 38,187               |
| その他の容器<br>Plastic containers (except blow-molding)   | t           | 32,065            | 572            | -                  | 32,977           | 14,150,064                          | 35              | 5,572                |
| <b>建材<br/>Plastic material for building (construction)</b>   | <b>t</b>    | <b>23,497</b>     | <b>867</b>     | <b>97</b>          | <b>23,233</b>    | <b>11,861,211</b>                   | <b>626</b>      | <b>24,625</b>        |
| 雨どい及び同付属品<br>Rainwater pipe and attachment   | t           | 2,451             | 216            | -                  | 2,567            | 2,607,483                           | 19              | 2,256                |
| 床材料<br>Floor materials   | t           | 11,864            | 484            | -                  | 11,601           | 3,697,964                           | 607             | 13,320               |
| その他の建材<br>Others   | t           | 9,182             | 167            | 97                 | 9,065            | 5,555,764                           | -               | 9,049                |



## (1) プラスチック製品 (続き)

## Plastic products (continued)

| 品 目<br>Commodity  | 単 位<br>Unit | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷<br>Shipments |                                     |                 | 月 末 在 庫<br>Inventory |
|---|-------------|-------------------|----------------|--------------------|------------------|-------------------------------------|-----------------|----------------------|
|   |             |                   |                |                    | 販 売<br>Sales     |                                     | そ の 他<br>Others |                      |
|   |             |                   |                |                    | 数 量<br>Quantity  | 金 額 (千円)<br>Value<br>(thousand yen) |                 |                      |
| <b>発泡製品</b><br>Plastic foam products                                  | t           | 21,082            | 4,724          | 1,342              | 22,654           | 14,399,099                          | 1,380           | 23,997               |
| 板物<br>Plastic foam plates   | t           | 6,738             | 208            | 314                | 6,025            | 3,376,059                           | 722             | 6,847                |
| 型物<br>Plastic foam mould  | t           | 3,410             | 235            | 35                 | 3,532            | 3,052,922                           | 2               | 2,812                |
| その他の発泡製品<br>Others  | t           | 10,934            | 4,281          | 993                | 13,097           | 7,970,118                           | 656             | 14,338               |
| 強化製品<br>Plastic reinforced products                                   | t           | 6,194             | 115            | -                  | 6,165            | 7,212,612                           | 123             | 6,302                |
| <b>その他</b><br>Other plastic products                                  | t           | 25,174            | 4,024          | 292                | 30,031           | 28,829,711                          | 142             | 27,973               |
| 異形押出製品(建材を除く)<br>Deformed extruding products<br>(except for building) | t           | 2,460             | 417            | 4                  | 2,839            | 2,330,851                           | 7               | 5,307                |
| ホース<br>Hoses  | t           | 3,453             | 9              | 39                 | 3,528            | 2,650,833                           | -               | 3,770                |
| ディスクレコード<br>Disk records  | t           | 619               | 106            | 10                 | 716              | 2,213,061                           | -               | 40                   |
| その他製品<br>Others   | t           | 18,642            | 3,492          | 239                | 22,948           | 21,634,966                          | 135             | 18,856               |
| (特掲)浴槽<br>(inserted specially) Bathtub                                | 個<br>(n)    | 113,714           | 1,035          | -                  | 111,165          | 1,181,700                           | -               | 60,495               |
| (特掲)浄化槽<br>(inserted specially) Septic tank                           | 個<br>(n)    | 8,769             | 350            | -                  | 9,323            | 1,049,967                           | -               | 3,681                |

12. 繊維工業  
(1) 化学繊維

Textiles

(30年7月) (Jul. 2018)

| Chemical fibers  |                   | (単位:t) (Unit: t) |                  |                 |                      |
|--|-------------------|------------------|------------------|-----------------|----------------------|
| 品 目<br>Commodity   | 生 産<br>Production | 受 入<br>Receipt   | 出 荷<br>Shipments |                 | 月 末 在 庫<br>Inventory |
|  |                   |                  | 販 売<br>Sales     | そ の 他<br>Others |                      |
| <b>化学繊維</b><br>Chemical fibers                           | <b>79,983</b>     | <b>12,628</b>    | <b>57,921</b>    | <b>29,644</b>   | <b>93,180</b>        |
| 長繊維<br>Filament fibers                                   | 37,000            | 8,640            | 20,232           | 24,200          | 35,287               |
| 短繊維<br>Staple fibers                                     | 42,983            | 3,988            | 37,689           | 5,444           | 57,893               |
| <b>再生・半合成繊維</b><br>Regenerated and semi-synthetic fibers | <b>17,285</b>     | <b>1,741</b>     | <b>14,532</b>    | <b>3,320</b>    | <b>23,181</b>        |
| 長繊維<br>Filament fibers                                   | 2,234             | 1,645            | 1,712            | 2,024           | 2,526                |
| 短繊維<br>Staple fibers                                     | 15,051            | 96               | 12,820           | 1,296           | 20,655               |
| <b>合成繊維</b><br>Synthetic fibers                          | <b>62,698</b>     | <b>10,887</b>    | <b>43,389</b>    | <b>26,324</b>   | <b>69,999</b>        |
| 長繊維<br>Filament fibers                                   | 34,766            | 6,995            | 18,520           | 22,176          | 32,761               |
| 短繊維<br>Staple fibers                                     | 27,932            | 3,892            | 24,869           | 4,148           | 37,238               |
| ナイロン(長繊維)<br>Nylon filament fibers                       | 8,397             | 4,710            | 6,098            | 6,088           | 11,240               |
| アクリル(短繊維)<br>Acrylic staple fibers                       | 11,444            | 616              | 10,854           | 666             | 8,392                |
| <b>ポリエステル</b><br>Polyester                               | <b>17,519</b>     | <b>5,004</b>     | <b>11,417</b>    | <b>9,724</b>    | <b>23,994</b>        |
| 長繊維<br>Filament fibers                                   | 10,347            | 1,794            | 4,717            | 6,954           | 10,136               |
| 短繊維<br>Staple fibers                                     | 7,172             | 3,210            | 6,700            | 2,770           | 13,858               |
| ポリエチレン(長繊維)<br>Polyethylene filament fibers              | 620               | 5                | 198              | 429             | 91                   |
| <b>ポリプロピレン</b><br>Polypropylene                          | <b>11,544</b>     | <b>-</b>         | <b>5,970</b>     | <b>4,844</b>    | <b>9,027</b>         |
| 長繊維<br>Filament fibers                                   | 5,502             | -                | 758              | 4,795           | 851                  |
| 短繊維<br>Staple fibers                                     | 6,042             | -                | 5,212            | 49              | 8,176                |
| <b>その他の合成繊維</b><br>Other synthetic fibers                | <b>13,174</b>     | <b>552</b>       | <b>8,852</b>     | <b>4,573</b>    | <b>17,255</b>        |
| 長繊維<br>Filament fibers                                   | 9,900             | 486              | 6,749            | 3,910           | 10,443               |
| 短繊維<br>Staple fibers                                     | 3,274             | 66               | 2,103            | 663             | 6,812                |

## (2) 紡績糸

## ① 製品

## Spun yarn

## Product

(単位:t) (Unit: t)

| 品 目<br>Commodity   | 生 産<br>Production | 受 入<br>Receipt | 出 荷<br>Shipments |                 | 月 末 在 庫<br>Inventory |
|--|-------------------|----------------|------------------|-----------------|----------------------|
|  |                   |                | 販 売<br>Sales     | そ の 他<br>Others |                      |
| <b>紡績糸</b><br><b>Spun yarn</b>                           | <b>5,608</b>      | <b>170</b>     | <b>4,078</b>     | <b>1,648</b>    | <b>7,076</b>         |
| 綿糸(コンデンサー糸を含む)<br>Cotton yarn (including condenser yarn) | 2,541             | -              | 1,758            | 746             | 2,818                |
| <b>毛糸</b><br><b>Worsted and woolen yarn</b>              | <b>662</b>        | <b>81</b>      | <b>457</b>       | <b>300</b>      | <b>841</b>           |
| そ毛糸<br>Worsted yarn                                      | 434               | 22             | 219              | 253             | 553                  |
| 紡毛糸<br>Woolen yarn                                       | 228               | 59             | 238              | 47              | 288                  |
| 麻糸<br>Flax yarn  | 11                | 9              | 21               | 7               | 115                  |
| 再生・半合成繊維糸<br>Regenerated and semi-synthetic fiber yarn   | 296               | -              | 236              | 26              | 661                  |
| <b>合成繊維糸</b><br><b>Synthetic fiber yarn</b>              | <b>2,098</b>      | <b>80</b>      | <b>1,606</b>     | <b>569</b>      | <b>2,641</b>         |
| アクリル糸<br>Acrylic yarn                                    | 552               | 6              | 319              | 302             | 723                  |
| ポリエステル糸<br>Polyester yarn                                | 1,051             | 70             | 832              | 228             | 1,320                |
| その他の合成繊維糸<br>Other synthetic fiber yarn                  | 495               | 4              | 455              | 39              | 598                  |

## ② 紡績糸純・混紡糸別生産内訳

Spun yarn - Breakdown of production by blended yarn with other pure and blended yarn

(単位:t) (Unit: t)

| 品 目<br>Commodity   | 純糸<br>Pure yarn | 混 紡 相 手 繊 維         |                  |                |                |   |                      |                          |               |
|--|-----------------|---------------------|------------------|----------------|----------------|---|----------------------|--------------------------|---------------|
|  |                 | 混紡糸<br>Blended yarn | 綿<br>Cotton yarn | 毛<br>Wool yarn | 麻<br>Flax yarn | 再生・半合成繊維<br>Regenerated and semi-synthetic fiber yarn | アクリル<br>Acrylic yarn | ポリエステル<br>Polyester yarn | その他<br>Others |
| 綿糸(コンデンサー糸を含む)<br>Cotton yarn (including condenser yarn) | 2,302           | 239                 | -                | 8              | 19             | 10  | 2                    | 96                       | 104           |
| <b>毛糸</b><br><b>Worsted and woolen yarn</b>              | <b>413</b>      | <b>249</b>          | <b>2</b>         | <b>-</b>       | <b>-</b>       | <b>26</b>   | <b>-</b>             | <b>189</b>               | <b>32</b>     |
| そ毛糸<br>Worsted yarn                                      | 225             | 209                 | -                | -              | -              | 26  | -                    | 183                      | -             |
| 紡毛糸<br>Woolen yarn                                       | 188             | 40                  | 2                | -              | -              | -   | -                    | 6                        | 32            |
| 麻糸<br>Flax yarn  | 7               | 4                   | 2                | 2              | -              | -   | -                    | -                        | -             |
| 再生・半合成繊維糸<br>Regenerated and semi-synthetic fiber yarn   | 230             | 66                  | 33               | -              | 12             | -   | 1                    | 9                        | 11            |
| アクリル糸<br>Acrylic yarn                                    | 242             | 310                 | 38               | 175            | -              | 84  | -                    | 13                       | -             |
| ポリエステル糸<br>Polyester yarn                                | 567             | 484                 | 244              | 126            | 21             | 71  | 5                    | -                        | 17            |

## (3) 織物生産

## Woven fabrics

## ① 製品

## Product

| 品 目<br>Commodity                   | 単 位<br>Unit    | 生 産<br>Production | 受 入<br>Receipt    | 出 荷<br>Shipments  |                   | 月 末 在 庫<br>Inventory |
|------------------------------------|----------------|-------------------|-------------------|-------------------|-------------------|----------------------|
|                                    |                |                   |                   | 販 売<br>Sales      | そ の 他<br>Others   |                      |
| <b>織物</b> *                        | m <sup>2</sup> | <b>88,032,377</b> | <b>15,631,084</b> | <b>59,778,175</b> | <b>42,846,601</b> | <b>76,379,963</b>    |
| <b>Woven fabrics</b>               |                |                   |                   |                   |                   |                      |
| <b>綿織物</b>                         | m <sup>2</sup> | <b>8,755,608</b>  | <b>4,407,540</b>  | <b>12,073,523</b> | <b>1,249,846</b>  | <b>21,901,573</b>    |
| <b>Cotton fabrics</b>              |                |                   |                   |                   |                   |                      |
| <b>毛織物</b>                         | m <sup>2</sup> | <b>2,072,134</b>  | <b>280,065</b>    | <b>1,094,070</b>  | <b>1,240,371</b>  | <b>614,182</b>       |
| <b>Wool fabrics</b>                |                |                   |                   |                   |                   |                      |
| そ毛                                 | m <sup>2</sup> | 1,688,956         | 187,417           | 784,128           | 1,071,618         | 604,087              |
| Worsted fabrics                    |                |                   |                   |                   |                   |                      |
| 紡毛                                 | m <sup>2</sup> | 383,178           | 92,648            | 309,942           | 168,753           | 10,095               |
| Woolen fabrics                     |                |                   |                   |                   |                   |                      |
| 絹・絹紡織物                             | m <sup>2</sup> | 169,162           | 5,177             | 148,528           | 21,185            | 1,080,973            |
| Silk and spun silk fabrics         |                |                   |                   |                   |                   |                      |
| ビスコーススフ織物                          | m <sup>2</sup> | 3,836,366         | 228,673           | 3,760,793         | 267,444           | 1,198,468            |
| Viscose staple fabrics             |                |                   |                   |                   |                   |                      |
| 人絹・アセテート織物                         | m <sup>2</sup> | 3,579,510         | 1,000             | 1,822,058         | 1,703,161         | 824,655              |
| Rayon filament and acetate fabrics |                |                   |                   |                   |                   |                      |
| <b>合成繊維</b>                        | m <sup>2</sup> | <b>69,619,597</b> | <b>10,708,629</b> | <b>40,879,203</b> | <b>38,364,594</b> | <b>50,760,112</b>    |
| <b>Synthetic fiber fabrics</b>     |                |                   |                   |                   |                   |                      |
| <b>長繊維</b>                         | m <sup>2</sup> | <b>60,160,980</b> | <b>9,374,773</b>  | <b>35,642,163</b> | <b>32,788,323</b> | <b>41,209,953</b>    |
| <b>Synthetic filament fabrics</b>  |                |                   |                   |                   |                   |                      |
| ナイロン                               | m <sup>2</sup> | 10,947,208        | 2,687,348         | 4,087,332         | 9,201,795         | 5,923,384            |
| Nylon                              |                |                   |                   |                   |                   |                      |
| ポリエステル                             | m <sup>2</sup> | 31,566,137        | 6,088,918         | 14,415,912        | 22,969,456        | 20,255,231           |
| Polyester                          |                |                   |                   |                   |                   |                      |
| その他の長繊維                            | m <sup>2</sup> | 17,647,635        | 598,507           | 17,138,919        | 617,072           | 15,031,338           |
| Other synthetic filament fabrics   |                |                   |                   |                   |                   |                      |
| <b>短繊維</b>                         | m <sup>2</sup> | <b>9,458,617</b>  | <b>1,333,856</b>  | <b>5,237,040</b>  | <b>5,576,271</b>  | <b>9,550,159</b>     |
| <b>Synthetic staple fabrics</b>    |                |                   |                   |                   |                   |                      |
| ポリエステル                             | m <sup>2</sup> | 7,168,606         | 1,039,161         | 4,023,500         | 4,231,405         | 6,198,893            |
| Polyester                          |                |                   |                   |                   |                   |                      |
| その他の短繊維                            | m <sup>2</sup> | 2,290,011         | 294,695           | 1,213,540         | 1,344,866         | 3,351,266            |
| Other synthetic staple fabrics     |                |                   |                   |                   |                   |                      |
| <b>その他</b>                         |                |                   |                   |                   |                   |                      |
| <b>Other fabrics</b>               |                |                   |                   |                   |                   |                      |
| タイヤコード                             | kg             | 1,886,755         | 557,493           | 1,069,107         | 384,469           | 2,051,321            |
| Tire cord                          |                |                   |                   |                   |                   |                      |
| ナイロン                               | kg             | 1,272,750         | ...               | ...               | ...               | ...                  |
| Nylon                              |                |                   |                   |                   |                   |                      |
| ポリエステル                             | kg             | 563,052           | ...               | ...               | ...               | ...                  |
| Polyester                          |                |                   |                   |                   |                   |                      |
| タオル                                | kg             | 983,575           | 178,917           | 1,091,771         | 65,897            | 2,698,129            |
| Towel                              |                |                   |                   |                   |                   |                      |

\* 織物計には、その他の織物(タイヤコード、タオル)を含まない。

Notes) Other fabrics (tire cord and towel) are not included in total of fabrics.

(30年7月) (Jul. 2018)

## ② 織物一生産内訳

Woven fabrics - Breakdown of production by woven fabrics

(単位:m<sup>2</sup>) (Unit:m<sup>2</sup>)

| 品 目<br>Commodity  | 生 産<br>Production | 品 目<br>Commodity                                       | 生 産<br>Production |
|---|-------------------|--|-------------------|
| <b>綿織物</b><br>Cotton fabrics                                  | <b>8,755,608</b>  | <b>小幅</b> *  | <b>46,661</b>     |
| <b>生地(糸晒しを含む)</b><br>Texture total (including bleached yarn)  | <b>6,372,555</b>  | <b>Single width</b>                                    |                   |
| かなきん<br>Unbleached muslin                                     | 773,896           | ちりめん類<br>Silk crape                                    | 22,177            |
| ポプリン・ブロード<br>Poplin, broad cloths                             | 280,706           | 先練(先染)<br>Dyed yarn                                    | 24,484            |
| 粗布・てんじく・細布・ネル<br>Sofu, tenjiku, saifu and flannel cloth       | 180,041           | その他の後練(後染)<br>Other piece dyed silk fabrics            | 34,588            |
| クレープ<br>Crapes  | 103,341           | <b>ビスコーススフ織物</b><br>Viscose staple fabrics             | <b>3,836,366</b>  |
| あや類<br>Leases   | 1,101,215         | <b>生地(糸晒しを含む)</b><br>Texture (including bleached yarn) | <b>3,834,652</b>  |
| 朱子<br>Satin   | 781,734           | モスリン<br>Muslin   | 3,151,828         |
| 白もめん・包帯・ガーゼ<br>Bandage cloth, gauze cloth, white cotton cloth | 764,427           | その他の生地<br>Other texture                                | 682,824           |
| その他の生地<br>Other texture                                       | 2,387,195         | 先染<br>Dyed yarn  | 1,714             |
| <b>糸染</b><br>Dyed yarn  | <b>2,383,053</b>  | <b>ナイロン長繊維</b><br>Nylon filament fabrics               | <b>10,947,208</b> |
| ギンガム<br>Gingham   | 215,974           | タフタ<br>Taffeta   | 6,183,610         |
| その他の糸染<br>Other dyed yarn                                     | 2,167,079         | その他のナイロン長繊維<br>Other nylon filament fabrics            | 4,763,598         |
| <b>毛織物</b><br>Wool fabrics                                    | <b>2,072,134</b>  | <b>ポリエステル</b><br>Polyester fabrics                     | <b>38,734,743</b> |
| <b>そ毛</b><br>Worsted fabrics                                  | <b>1,688,956</b>  | <b>長繊維</b><br>Synthetic filament fabrics               | <b>31,566,137</b> |
| 男子服地<br>Men's dress clothe                                    | 1,252,593         | タフタ<br>Taffeta   | 10,458,253        |
| 婦人児服地<br>Women's dress clothe                                 | 370,492           | デシン<br>Flat crape                                      | 181,932           |
| その他のそ毛<br>Other worsted fabrics                               | 65,871            | ジョーゼット<br>Georgette crape                              | 1,114,380         |
| <b>紡毛</b><br>Woolen fabrics                                   | <b>383,178</b>    | ポンジー<br>Pongee   | 397,256           |
| 男子服地<br>Men's dress clothe                                    | 10,998            | 加工糸織物<br>Textured yarn fabric                          | 7,686,786         |
| 婦人児服地<br>Women's dress clothe                                 | 192,067           | その他のポリエステル長繊維<br>Other polyester filament fabrics      | 11,727,530        |
| 毛布地<br>Blanket texture  | 30,850            | <b>短繊維</b><br>Synthetic staple fabrics                 | <b>7,168,606</b>  |
| その他の紡毛<br>Other woolen fabrics                                | 149,263           | ポプリン・ブロード<br>Poplin, broad cloths                      | 1,283,652         |
| <b>絹・絹紡織物</b><br>Silk and spun silk fabrics                   | <b>169,162</b>    | その他のポリエステル短繊維<br>Other polyester staple fabrics        | 5,884,954         |
| <b>広幅</b> *   | <b>87,913</b>     |  |                   |
| <b>Double width</b>   |                   |  |                   |
| 羽二重類<br>Habutae   | 49,097            |  |                   |
| クレープ類<br>Crape  | 4,294             |  |                   |
| 先練(先染)<br>Dyed yarn   | 34,522            |  |                   |

\* 広幅は織上がり幅50.8cm(20インチ)以上、小幅は織上がり幅50.8cm未満のものである。

Notes) Wide fabrics are those with a woven width of 50.8 cm (20 inches) or more, and narrow fabrics are those with a woven width of less than 50.8 cm.

## (4) タフテッドカーペット・フェルト・不織布

## Tufted carpet, felt and non-woven fabrics

## ① 製品

## Product

| 品 目<br>Commodity   | 単 位<br>Unit    | 生 産<br>Production | 受 入<br>Receipt   | 出 荷<br>Shipments  |                                     |                  | 月 末 在 庫<br>Inventory |
|--|----------------|-------------------|------------------|-------------------|-------------------------------------|------------------|----------------------|
|  |                |                   |                  | 販 売<br>Sales      |                                     | そ の 他<br>Others  |                      |
|  |                |                   |                  | 数 量<br>Quantity   | 金 額 (千円)<br>Value<br>(thousand yen) |                  |                      |
| タフテッドカーペット(不織布カーペットを除く)<br>Tufted carpet (except non-woven fabric) | m <sup>2</sup> | 4,499,315         | 1,000,763        | 4,677,756         | 4,733,323                           | 319,093          | 4,637,516            |
| プレスフェルト(ニードルフェルトを除く)<br>Press felt (except needle felt)            | kg             | 620,948           | -                | 621,173           | 481,605                             | 5,099            | 224,683              |
| <b>不織布</b><br><b>Non-woven fabrics</b>                             | <b>kg</b>      | <b>29,375,086</b> | <b>3,636,796</b> | <b>28,344,883</b> | <b>19,503,995</b>                   | <b>4,070,512</b> | <b>36,915,139</b>    |
| 乾式<br>Dry laid type  | kg             | 26,266,457        | 3,636,796        | 25,208,533        | 16,460,041                          | 4,068,652        | 32,250,505           |
| 湿式<br>Wet laid type  | kg             | 3,108,629         | -                | 3,136,350         | 3,043,954                           | 1,860            | 4,664,634            |

## ② 不織布—用途別生産内訳

(単位: kg)

(Unit: kg)

## Non-woven fabrics - Breakdown of production by use

| 用 途 別<br>By use                                  | 生 産<br>Production |
|--|-------------------|
| <b>不織布</b><br><b>Non-woven fabrics</b>           | <b>29,375,086</b> |
| 衣料用<br>For garment                               | 114,447           |
| <b>産業用</b><br><b>For industry</b>                | <b>10,192,892</b> |
| 車両用<br>For vehicles                              | 4,564,008         |
| その他の産業用<br>For other industries                  | 5,628,884         |
| 土木・建築用<br>For civil engineering and construction | 1,731,391         |
| 農業・園芸用<br>For agriculture and gardening          | 258,756           |
| 生活関連用<br>For household sundry goods              | 7,300,097         |
| 医療・衛生用<br>For medical treatment and sanitation   | 8,385,526         |
| その他用<br>For others                               | 1,391,977         |

## ③ 不織布(乾式)—設備別生産実績

(単位: kg)

(Unit: kg)

## Non-woven fabrics(dry laid type) - Production by facilities

| 設 備 別<br>By facilities  | 生 産<br>Production |
|---|-------------------|
| ケミカルボンド式<br>Chemical bond type                                    | 1,627,960         |
| サーマルボンド式<br>Thermal bond type                                     | 3,271,037         |
| ニードルパンチ式(ニードルフェルトを含む)<br>Needle punch type(including needle felt) | 6,393,350         |
| スパンボンド・メルトブロー式<br>Spun bond and melt blown type                   | 8,610,354         |
| スパンレース式<br>Spun lace type   | 4,672,846         |
| その他の乾式<br>Other dry laid type                                     | 1,690,910         |

## (5) 染色整理

## Dyeing and finishing processes

## ① 製品

## Products

| 品 目<br>Commodity   | 単 位<br>Unit          | 加 工 高<br>Products quantity |                               |                                    |                       |                            |
|--|----------------------|----------------------------|-------------------------------|------------------------------------|-----------------------|----------------------------|
|  |                      | 合計<br>Total                | 輸出用 計<br>Total for<br>exports | 国内用 計<br>Total for<br>domestic use | 精練・漂白品<br>Bleached    |                            |
|  |                      |                            |                               |                                    | 輸出用<br>For<br>exports | 国内用<br>For<br>domestic use |
| <b>織物</b><br>Woven fabrics   | 1000m <sup>2</sup>   | <b>116,642</b>             | <b>24,412</b>                 | <b>92,230</b>                      | <b>5,520</b>          | <b>25,323</b>              |
| 綿織物<br>Cotton fabrics  | 1000m <sup>2</sup>   | 28,936                     | 1,678                         | 27,258                             | 73                    | 14,267                     |
| <b>毛織物</b><br>Wool fabrics   | 1000m <sup>2</sup>   | <b>4,640</b>               | <b>x</b>                      | <b>x</b>                           | <b>-</b>              | <b>x</b>                   |
| そ毛織物<br>Worsted fabrics  | 1000m <sup>2</sup>   | 3,319                      | x                             | x                                  | -                     | x                          |
| 紡毛織物<br>Woolen fabrics   | 1000m <sup>2</sup>   | 1,321                      | x                             | x                                  | -                     | x                          |
| 絹・絹紡織物<br>Silk-spun silk fabrics   | 1000m <sup>2</sup>   | 300                        | x                             | x                                  | x                     | 252                        |
| 人絹・キュブラ・アセテート織物<br>Rayon filament, cuprammonium rayon and<br>acetate fabrics | 1000m <sup>2</sup>   | 4,440                      | 2,065                         | 2,375                              | x                     | 232                        |
| スフ織物<br>Rayon staple fabrics   | 1000m <sup>2</sup>   | 847                        | x                             | x                                  | x                     | 351                        |
| <b>合成繊維織物</b><br>Synthetic fiber fabrics                                     | 1000m <sup>2</sup>   | <b>77,479</b>              | <b>20,569</b>                 | <b>56,910</b>                      | <b>5,419</b>          | <b>10,209</b>              |
| <b>長繊維</b><br>Filament   | 1000m <sup>2</sup>   | <b>59,955</b>              | <b>15,623</b>                 | <b>44,332</b>                      | <b>2,416</b>          | <b>8,634</b>               |
| ナイロン<br>Nylon  | 1000m <sup>2</sup>   | 9,923                      | 4,250                         | 5,673                              | x                     | 365                        |
| ポリエステル<br>Polyester  | 1000m <sup>2</sup>   | 50,032                     | 11,373                        | 38,659                             | x                     | 8,269                      |
| 短繊維 ポリエステル<br>Staple polyester   | 1000m <sup>2</sup>   | 17,524                     | 4,946                         | 12,578                             | 3,003                 | 1,575                      |
| 織物加工賃<br>Processing fees   | 千円<br>(thousand yen) | 10,338,342                 | 2,431,131                     | 7,907,211                          | 314,437               | 891,709                    |
| <b>ニット生地</b><br>Knitted fabrics  | 1000m <sup>2</sup>   | <b>34,804</b>              | <b>1,796</b>                  | <b>33,008</b>                      | <b>x</b>              | <b>2,486</b>               |
| たて編 合成繊維<br>Synthetic fibers of warp knitted fabrics                         | 1000m <sup>2</sup>   | 14,390                     | 1,190                         | 13,200                             | x                     | 1,548                      |
| <b>丸編</b><br>Circular knitted fabrics  | 1000m <sup>2</sup>   | <b>20,414</b>              | <b>606</b>                    | <b>19,808</b>                      | <b>x</b>              | <b>938</b>                 |
| 合成繊維<br>Synthetic fibers   | 1000m <sup>2</sup>   | x                          | x                             | 15,603                             | x                     | 470                        |
| その他の丸編<br>Other circular knitted fabrics                                     | 1000m <sup>2</sup>   | x                          | x                             | 4,205                              | x                     | 468                        |
| ニット生地加工賃<br>Processing fees  | 千円<br>(thousand yen) | 3,858,855                  | 171,923                       | 3,686,932                          | x                     | 172,204                    |

| 加工高<br>Products Quantity |                         |                    |                         |                           |                         | 月末在庫<br>Inventory | 単 位<br>Unit          | 品 目<br>Commodity  |
|--------------------------|-------------------------|--------------------|-------------------------|---------------------------|-------------------------|-------------------|----------------------|---|
| 浸染品<br>Dyed              |                         | なっ染品<br>Printed    |                         | 整理<br>Finishing processes |                         | 製品<br>Products    |                      |   |
| 輸出用<br>For exports       | 国内用<br>For domestic use | 輸出用<br>For exports | 国内用<br>For domestic use | 輸出用<br>For exports        | 国内用<br>For domestic use |                   |                      |   |
| 14,851                   | 42,714                  | 2,512              | 7,914                   | 1,529                     | 16,279                  | 65,580            | 1000m <sup>2</sup>   | <b>織物</b><br>Woven fabrics  |
| 511                      | 3,899                   | 978                | 6,811                   | 116                       | 2,281                   | 5,606             | 1000m <sup>2</sup>   | 綿織物<br>Cotton fabrics   |
| x                        | 1,728                   | -                  | x                       | x                         | 2,820                   | 10,009            | 1000m <sup>2</sup>   | <b>毛織物</b><br>Wool fabrics  |
| x                        | x                       | -                  | x                       | x                         | 2,062                   | 8,039             | 1000m <sup>2</sup>   | そ毛織物<br>Worsted fabrics   |
| x                        | x                       | -                  | x                       | x                         | 758                     | 1,970             | 1000m <sup>2</sup>   | 紡毛織物<br>Woolen fabrics  |
| x                        | 13                      | x                  | x                       | x                         | x                       | 11                | 1000m <sup>2</sup>   | 絹・絹紡織物<br>Silk-spun silk fabrics  |
| 2,053                    | 1,952                   | x                  | -                       | -                         | 191                     | 4,412             | 1000m <sup>2</sup>   | 人絹・キュプラ・アセテート織物<br>Rayon filament cuprammoniumrayon and acetate fabrics |
| x                        | 282                     | -                  | x                       | -                         | x                       | 274               | 1000m <sup>2</sup>   | スフ織物<br>Rayon staple fabrics  |
| 12,270                   | 34,840                  | 1,533              | 1,083                   | 1,347                     | 10,778                  | 45,268            | 1000m <sup>2</sup>   | <b>合成繊維織物</b><br>Synthetic fiber fabrics                                |
| 10,391                   | 27,731                  | x                  | 975                     | x                         | 6,992                   | 30,858            | 1000m <sup>2</sup>   | <b>長繊維</b><br>Filament  |
| 3,339                    | 3,315                   | x                  | 104                     | x                         | 1,889                   | 2,603             | 1000m <sup>2</sup>   | ナイロン<br>Nylon   |
| 7,052                    | 24,416                  | x                  | 871                     | x                         | 5,103                   | 28,255            | 1000m <sup>2</sup>   | ポリエステル<br>Polyester   |
| 1,879                    | 7,109                   | x                  | 108                     | x                         | 3,786                   | 14,410            | 1000m <sup>2</sup>   | 短繊維 ポリエステル<br>Staple polyester  |
| 1,542,487                | 4,433,886               | 251,698            | 1,062,364               | 322,509                   | 1,519,252               | ...               | 千円<br>(thousand yen) | 織物加工賃<br>Processing fees  |
| 1,634                    | 27,691                  | x                  | 926                     | x                         | 1,905                   | 23,121            | 1000m <sup>2</sup>   | <b>ニット生地</b><br>Knitted fabrics   |
| x                        | 11,426                  | x                  | x                       | x                         | x                       | 12,673            | 1000m <sup>2</sup>   | たて編 合成繊維<br>Synthetic fibers of warp knitted fabrics                    |
| 549                      | 16,265                  | x                  | x                       | x                         | x                       | 10,448            | 1000m <sup>2</sup>   | <b>丸編</b><br>Circular knitted fabrics                                   |
| x                        | 13,895                  | x                  | 496                     | x                         | 742                     | 8,492             | 1000m <sup>2</sup>   | 合成繊維<br>Synthetic fibers  |
| x                        | 2,370                   | -                  | x                       | x                         | x                       | 1,956             | 1000m <sup>2</sup>   | その他の丸編<br>Other circular knitted fabrics                                |
| 158,779                  | 3,147,742               | x                  | 205,772                 | x                         | 161,214                 | ...               | 千円<br>(thousand yen) | ニット生地加工賃<br>Processing fees   |



(30年7月) (Jul. 2018)

## (6) ニット・衣服縫製品

## Knit and sewn clothing products

## ① 製品－ニット生地

## Products－Knit fabrics

(単位: kg) (Unit: kg)

| 品 目<br>Commodity                         | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷<br>Shipments |                                     |                  | 月 末 在 庫<br>Inventory |
|--|-------------------|----------------|--------------------|------------------|-------------------------------------|------------------|----------------------|
|  |                   |                |                    | 販 売<br>Sales     |                                     | そ の 他<br>Others  |                      |
|  |                   |                |                    | 数 量<br>Quantity  | 金 額 (千円)<br>Value<br>(thousand yen) |                  |                      |
| <b>ニット生地</b><br>Knit fabrics             | <b>4,713,841</b>  | <b>64,593</b>  | <b>218,964</b>     | <b>3,147,343</b> | <b>1,362,611</b>                    | <b>1,397,136</b> | <b>3,317,281</b>     |
| 綿生地<br>Cotton fabrics                    | 782,529           | 52,863         | 207,728            | 386,320          | 331,589                             | 200,179          | 1,115,831            |
| 毛生地<br>Wool fabrics                      | 15,330            | -              | 947                | 7,363            | 18,124                              | 3,290            | -                    |
| <b>合成繊維生地</b><br>Synthetic fiber fabrics | <b>3,885,821</b>  | <b>11,730</b>  | <b>10,289</b>      | <b>2,745,153</b> | <b>999,162</b>                      | <b>1,176,762</b> | <b>2,191,060</b>     |
| ナイロン<br>Nylon                            | 466,902           | -              | -                  | 212,445          | 108,389                             | 248,975          | 468,092              |
| アクリル<br>Acrylic                          | 61,248            | 4,000          | 2,253              | 21,483           | 25,324                              | 40,813           | 13,617               |
| ポリエステル<br>Polyester                      | 3,144,452         | 6,630          | 8,036              | 2,314,500        | 605,438                             | 860,544          | 1,521,356            |
| その他の合成繊維生地<br>Others                     | 213,219           | 1,100          | -                  | 196,725          | 260,011                             | 26,430           | 187,995              |
| その他の繊維製生地<br>Other fiber fabrics         | 30,161            | -              | -                  | 8,507            | 13,736                              | 16,905           | 10,390               |

## ② 製品－ニット製・織物製

## Products－Knit and clothing products

(単位: 点) (Unit: n)

| 品 目<br>Commodity  | 生 産<br>Production | 受 入<br>Receipt    | 出 荷<br>Shipments  |                                     |                  | 月 末 在 庫<br>Inventory |
|---|-------------------|-------------------|-------------------|-------------------------------------|------------------|----------------------|
|   |                   |                   | 販 売<br>Sales      |                                     | そ の 他<br>Others  |                      |
|   |                   |                   | 数 量<br>Quantity   | 金 額 (千円)<br>Value<br>(thousand yen) |                  |                      |
| <b>ニット製</b><br>knit   |                   |                   |                   |                                     |                  |                      |
| <b>外衣</b><br>Outerwear  | <b>1,875,951</b>  | <b>1,015,414</b>  | <b>1,460,723</b>  | <b>2,701,581</b>                    | <b>828,797</b>   | <b>4,518,104</b>     |
| セーター・カーデガン・ベスト類<br>Sweaters, cardigans and vests                              | 294,600           | ...               | ...               | ...                                 | ...              | ...                  |
| スポーツ用(上衣・ズボン・スカート)<br>Sport clothing<br>(Coats, jackets, trousers and skirts) | 773,645           | ...               | ...               | ...                                 | ...              | ...                  |
| アウターシャツ・スポーツシャツ・Tシャツ<br>Outer shirts, sports shirts and T-shirts              | 238,799           | ...               | ...               | ...                                 | ...              | ...                  |
| その他のニット製外衣<br>Other outerwear (knit)  | 568,907           | ...               | ...               | ...                                 | ...              | ...                  |
| <b>下着・補整着・寝着類</b><br>Underwear, foundation garment and night wear             | <b>3,083,455</b>  | <b>2,066,305</b>  | <b>3,243,756</b>  | <b>1,836,694</b>                    | <b>1,639,324</b> | <b>4,741,961</b>     |
| アンダーシャツ<br>Undershirts  | 1,083,511         | ...               | ...               | ...                                 | ...              | ...                  |
| パンツ類<br>Pants   | 1,236,327         | ...               | ...               | ...                                 | ...              | ...                  |
| その他の下着・補整着・寝着類<br>Other underwear, foundation garment and night wear          | 763,618           | ...               | ...               | ...                                 | ...              | ...                  |
| <b>靴下</b><br>Hosiery  | <b>15,203,831</b> | <b>17,156,616</b> | <b>30,403,251</b> | <b>5,823,758</b>                    | <b>477,022</b>   | <b>85,890,745</b>    |
| パンティストッキング<br>Panty hose  | 9,993,633         | ...               | ...               | ...                                 | ...              | ...                  |
| その他の靴下<br>Other hosiery   | 5,210,198         | ...               | ...               | ...                                 | ...              | ...                  |
| 手袋<br>Gloves and mittens  | 914,470           | 1,727,010         | 3,346,364         | 365,223                             | -                | 5,357,198            |

\* 織物製のアンダーシャツは次頁の「その他の下着・補正着・寝着類」に含まれます。

Notes) 'Other underwear, foundation garment and night wear' on the next page includes Undershirts of woven fabric.

## ② 製品－ニット製・織物製 (続き)

Products－ Knit and clothing products (continued)

(単位: 点)

(Unit: n)

| 品 目<br>Commodity   | 生 産<br>Production | 受 入<br>Receipt   | 出 荷<br>Shipments |                                     |                 | 月 末 在 庫<br>Inventory |
|--|-------------------|------------------|------------------|-------------------------------------|-----------------|----------------------|
|  |                   |                  | 販 売<br>Sales     |                                     | そ の 他<br>Others |                      |
|  |                   |                  | 数 量<br>Quantity  | 金 額 (千円)<br>Value<br>(thousand yen) |                 |                      |
| <b>織物製</b><br><b>Woven fabric</b>  |                   |                  |                  |                                     |                 |                      |
| <b>外衣</b><br><b>Outerwear</b>  | <b>2,612,171</b>  | <b>1,484,652</b> | <b>2,175,264</b> | <b>6,652,388</b>                    | <b>929,102</b>  | <b>12,538,091</b>    |
| スーツ類 (上衣・ズボン・スカート)<br>Suits<br>(Coats, jackets, trousers and skirts)   | 303,552           | ...              | ...              | ...                                 | ...             | ...                  |
| ズボン・スラックス・スカート類<br>Trousers, slacks and skirts   | 402,035           | ...              | ...              | ...                                 | ...             | ...                  |
| 学校服 (上衣・オーバーコート・ズボン・スカート)<br>Coats, Jackets, trousers and skirts   | 460,040           | ...              | ...              | ...                                 | ...             | ...                  |
| 制服・作業服・事務服<br>(上衣(衛生白衣を含む)・オーバーコート・ズボン・スカート)<br>Uniforms, office and work clothing<br>(Coats (including sanitary white clothing) and jackets, trousers and skirts) | 265,650           | ...              | ...              | ...                                 | ...             | ...                  |
| ワイシャツ・ブラウス<br>White shirts and blouses   | 698,863           | ...              | ...              | ...                                 | ...             | ...                  |
| その他の織物製外衣<br>Other outerwear (Woven fabric)  | 482,093           | ...              | ...              | ...                                 | ...             | ...                  |
| <b>下着・補整着・寝着類</b><br><b>Underwear, foundation garment and night wear</b>   | <b>419,361</b>    | <b>-</b>         | <b>422,418</b>   | <b>536,984</b>                      | <b>27,400</b>   | <b>492,881</b>       |
| パンツ類<br>Pants  | 27,872            | ...              | ...              | ...                                 | ...             | ...                  |
| その他の下着・補整着・寝着類<br>Other underwear, foundation garment and night wear   | 391,489           | ...              | ...              | ...                                 | ...             | ...                  |

## (7) 二次製品(製綿・ふとん、網・網、細幅織物・組ひも・レース)

## Secondary products(wadding and futon, nets and ropes, narrow fabrics, braids and lace fabrics)

| 品 目<br>Commodity                              | 単 位<br>Unit    | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>Consumption | 出 荷<br>Shipments |                                      |                 | 月 末 在 庫<br>Inventory |
|---|----------------|-------------------|----------------|--------------------|------------------|--------------------------------------|-----------------|----------------------|
|   |                |                   |                |                    | 販 売<br>Sales     |                                      | そ の 他<br>Others |                      |
|   |                |                   |                |                    | 数 量<br>Quantity  | 金 額 (千 円)<br>Value<br>(thousand yen) |                 |                      |
| <b>製綿</b><br>Wadding                          | kg             | 401,013           | 15,189         | 212,355            | 178,231          | 99,930                               | 27,040          | 95,871               |
| 合成繊維<br>Synthetic fiber                       | kg             | 331,664           | 14,899         | 142,676            | 176,953          | 97,535                               | 27,040          | 61,951               |
| その他(羊毛を含む)<br>Other wadding (including wool)  | kg             | 69,349            | 290            | 69,679             | 1,278            | 2,395                                | -               | 33,920               |
| <b>ふとん</b><br>Futon                           | 枚<br>(Sheet)   | 242,945           | 29,425         | ...                | 250,539          | 1,702,590                            | 15,646          | 203,554              |
| 掛けふとん<br>Comforters                           | 枚<br>(Sheet)   | 49,408            | 9,575          | ...                | 58,379           | 167,531                              | 2,580           | 45,145               |
| 敷ふとん<br>Underlay                              | 枚<br>(Sheet)   | 101,287           | 4,291          | ...                | 89,422           | 512,062                              | 10,592          | 69,528               |
| こたつふとん<br>Kotatsu quilt                       | 枚<br>(Sheet)   | 7,799             | 1,105          | ...                | 11,105           | 74,766                               | 1               | 9,725                |
| 羽毛・羽根ふとん<br>Down or feather quilt             | 枚<br>(Sheet)   | 84,451            | 14,454         | ...                | 91,633           | 948,231                              | 2,473           | 79,156               |
| <b>漁網・陸上網</b><br>Fishing nets and ground nets | kg             | 764,380           | 58,726         | ...                | 941,705          | 1,935,303                            | 6               | 3,429,610            |
| 漁網<br>Fishing nets                            | kg             | 574,423           | 46,732         | ...                | 727,405          | 1,659,209                            | 6               | 3,122,882            |
| 陸上網<br>Ground nets                            | kg             | 189,957           | 11,994         | ...                | 214,300          | 276,094                              | -               | 306,728              |
| 合成繊維網<br>Synthetic fiber ropes                | kg             | 1,188,567         | 430,582        | ...                | 1,462,279        | 1,242,054                            | 93,988          | 2,561,861            |
| 細幅織物<br>Narrow fabrics                        | kg             | 751,680           | 89,846         | ...                | 770,230          | 1,148,860                            | 136,191         | 877,645              |
| 組ひも<br>Braids                                 | kg             | 111,699           | 8,621          | ...                | 109,322          | 290,979                              | 4,643           | 79,493               |
| <b>レース生地</b><br>Lace fabrics                  | m <sup>2</sup> | 2,223,300         | 798,861        | ...                | 3,134,435        | 962,821                              | 221             | 4,112,327            |
| 編・ボビン<br>Knitted lace and bobbin lace         | m <sup>2</sup> | 2,179,526         | 790,760        | ...                | 3,097,366        | 921,046                              | 221             | 4,012,731            |
| 刺しゅう<br>Embroidery lace                       | m <sup>2</sup> | 43,774            | 8,101          | ...                | 37,069           | 41,775                               | -               | 99,596               |

## 13. その他の工業

## Other products

## (1) 印刷

## Printing

## ① 製品別内訳

## Item by the product

| 品 目<br>Commodity                       | 生産金額<br>(百万円)<br>Production value<br>(million yen) |
|--|--|
| <b>印刷</b><br>Printing                  | 30,051   |
| 出版印刷<br>Publishing printing            | 5,216  |
| 商業印刷<br>Commercial printing            | 10,723   |
| 証券印刷<br>Security printing              | 445  |
| 事務用印刷<br>Printing for the office work  | 4,446  |
| 包装印刷<br>Package printing               | 6,368  |
| 建装材印刷<br>Decorative materials printing | 1,560  |
| その他の印刷<br>Other printing               | 1,293  |

## ② 印刷方式別内訳

## Item by the printing form

| 品 目<br>Commodity  | 生産金額<br>(百万円)<br>Production value<br>(million yen) |
|---|--|
| <b>印刷</b><br>Printing                                     | 30,051   |
| とっ版印刷(活版印刷)<br>Relief printing (typographic printing)     | 2,170  |
| 平版印刷(オフセット印刷)<br>Planography printing (offset printing)   | 19,768   |
| おう版印刷(グラビア印刷)<br>Intaglio printing (gravure printing)     | 5,555  |
| 孔版印刷(スクリーン印刷)<br>Permeographic printing (screen printing) | 220  |
| フレキソ印刷<br>Flexographic printing                           | 273  |
| その他の印刷方式<br>Other printing form                           | 2,065  |

## (2) 楽器

## Musical instruments

| 品目<br>Commodity   | 単位<br>Unit | 生産<br>Production | 受入(製品)<br>Receipt   |                           | 出荷<br>Shipments |                                |               | 月末在庫<br>Inventory |
|---|------------|------------------|---------------------|---------------------------|-----------------|--------------------------------|---------------|-------------------|
|   |            |                  | 国内<br>From domestic | 国外<br>From foreign domain | 販売<br>Sales     |                                | その他<br>Others |                   |
|   |            |                  |                     |                           | 数量<br>Quantity  | 金額(百万円)<br>Value (million yen) |               |                   |
| <b>楽器</b><br>Musical instruments                        |            | ...              | ...                 | ...                       | ...             | 5,474                          | ...           | ...               |
| ピアノ<br>Pianos   | 台<br>(n)   | 3,045            | 1,867               | 212                       | 3,182           | 1,931                          | 1,722         | 2,362             |
| 電子ピアノ・電子オルガン<br>Electronic pianos and electronic organs | 台<br>(n)   | 765              | 490                 | 8,037                     | 9,679           | 938                            | 524           | 6,487             |
| 電子キーボード類(ミニキーボードを除く)<br>Electronic keyboards            | 台<br>(n)   | 2,084            | 690                 | 3,190                     | 6,154           | 291                            | 737           | 3,495             |
| 管楽器<br>Wind instruments                                 | 本<br>(n)   | 10,081           | 8,619               | 2,722                     | 14,518          | 1,853                          | 8,533         | 15,561            |
| ギター・電気ギター<br>Acoustic guitars and electric guitars      | 本<br>(n)   | 6,799            | 247                 | 2,296                     | 9,491           | 461                            | 249           | 8,147             |

## (3) 家具

## Furniture

| 品目<br>Commodity  | 単位<br>Unit    | 生産<br>Production | 受入<br>Receipt | 出荷<br>Shipments |                                |               | 月末在庫<br>Inventory |
|--|---------------|------------------|---------------|-----------------|--------------------------------|---------------|-------------------|
|  |               |                  |               | 販売<br>Sales     |                                | その他<br>Others |                   |
|  |               |                  |               | 数量<br>Quantity  | 金額(千円)<br>Value (thousand yen) |               |                   |
| <b>金属製</b><br>Metal  |               | ...              | ...           | ...             | <b>35,606,860</b>              | ...           | ...               |
| <b>机</b><br>Desks  | 個<br>(n)      | <b>175,332</b>   | <b>8,250</b>  | <b>172,519</b>  | <b>3,917,115</b>               | <b>15</b>     | <b>385,633</b>    |
| 事務用<br>Office desks  | 個<br>(n)      | 84,957           | 7,027         | 93,830          | 3,230,903                      | 13            | 161,503           |
| その他の机(卓子を含む)<br>Other desks (including tables)                     | 個<br>(n)      | 90,375           | 1,223         | 78,689          | 686,212                        | 2             | 224,130           |
| <b>いす</b><br>Chairs  | 個<br>(n)      | <b>347,687</b>   | <b>5,627</b>  | <b>359,081</b>  | <b>3,987,612</b>               | <b>104</b>    | <b>392,697</b>    |
| 回転式<br>Swivel chairs   | 個<br>(n)      | 144,104          | 2,847         | 154,374         | 1,980,506                      | 95            | 107,990           |
| その他の金属製いす<br>Other metal chairs                                    | 個<br>(n)      | 203,583          | 2,780         | 204,707         | 2,007,106                      | 9             | 284,707           |
| 引出箱<br>Filing cabinets   | 個<br>(n)      | 32,078           | 361           | 32,206          | 462,911                        | 17            | 77,862            |
| 保管庫類<br>Storage cabinets   | 個<br>(n)      | 127,152          | 1,981         | 125,476         | 1,557,834                      | 5,017         | 169,945           |
| 耐火金庫<br>Fire-resistive containers                                  | 個<br>(n)      | 2,536            | 5,809         | 9,072           | 538,744                        | -             | 12,194            |
| <b>台所用</b><br>Kitchen furniture                                    |               | ...              | ...           | ...             | <b>14,872,084</b>              | ...           | ...               |
| <b>流し・ガス・調理台</b><br>Sink cabinets, range tables and cooking tables | 個<br>(n)      | <b>29,474</b>    | -             | <b>29,624</b>   | <b>952,723</b>                 | -             | <b>27,650</b>     |
| 流し台<br>Sink cabinets   | 個<br>(n)      | 14,880           | -             | 14,908          | 711,182                        | -             | 13,987            |
| ガス台<br>Range tables  | 個<br>(n)      | 8,815            | -             | 9,194           | 122,015                        | -             | 8,223             |
| 調理台<br>Cooking tables  | 個<br>(n)      | 5,779            | -             | 5,522           | 119,526                        | -             | 5,440             |
| システムキッチン<br>System kitchens  | セット<br>(sets) | 76,446           | 10,152        | 77,806          | 13,919,361                     | 7,898         | 24,990            |

## (3) 家具 (続き)

## Furniture (continued)

| 品 目<br>Commodity                   | 単位<br>Unit       | 生 産<br>Production | 受 入<br>Receipt | 出 荷<br>Shipments |                                      |                 | 月 末 在 庫<br>Inventory |
|------------------------------------|------------------|-------------------|----------------|------------------|--------------------------------------|-----------------|----------------------|
|                                    |                  |                   |                | 販 売<br>Sales     |                                      | そ の 他<br>Others |                      |
|                                    |                  |                   |                | 数 量<br>Quantity  | 金 額 (千 円)<br>Value<br>(thousand yen) |                 |                      |
| ベッド<br>Metal beds                  | 個<br>(n)         | 12,500            | -              | 9,894            | 1,263,667                            | -               | 24,301               |
| 棚<br>Racks                         | 個<br>(n)         | 117,303           | 2,883          | 121,830          | 1,397,403                            | 220             | 163,142              |
| 間仕切り<br>Partitions                 | m <sup>2</sup>   | 241,447           | 117            | 249,129          | 6,486,725                            | 19              | 137,355              |
| その他の金属製家具<br>Other metal furniture | 個<br>(n)         | 143,990           | 5,413          | 145,636          | 1,122,765                            | -               | 51,236               |
| <b>木製<br/>Wooden</b>               |                  |                   |                |                  | <b>10,943,885</b>                    |                 |                      |
| たんす<br>Chest of drawers            | 個<br>(n)         | 1,806             | 1              | 1,797            | 83,399                               | -               | 1,857                |
| <b>棚<br/>Wooden shelves</b>        | <b>個<br/>(n)</b> | <b>83,306</b>     | <b>509</b>     | <b>78,633</b>    | <b>1,352,537</b>                     | <b>5,560</b>    | <b>128,635</b>       |
| 食器棚<br>Cupboards                   | 個<br>(n)         | 62,154            | 355            | 56,801           | 1,007,646                            | 5,560           | 68,852               |
| その他の木製棚<br>Other shelves           | 個<br>(n)         | 21,152            | 154            | 21,832           | 344,891                              | -               | 59,783               |
| <b>机・テーブル<br/>Desks and tables</b> | <b>個<br/>(n)</b> | <b>22,182</b>     | <b>1,897</b>   | <b>23,458</b>    | <b>909,785</b>                       | <b>4</b>        | <b>29,210</b>        |
| 机<br>Wooden desks                  | 個<br>(n)         | 4,824             | 35             | 4,546            | 118,086                              | 3               | 14,177               |
| テーブル<br>Wooden tables              | 個<br>(n)         | 17,358            | 1,862          | 18,912           | 791,699                              | 1               | 15,033               |
| <b>いす<br/>Wooden chairs</b>        | <b>個<br/>(n)</b> | <b>63,661</b>     | <b>4,122</b>   | <b>67,852</b>    | <b>2,396,281</b>                     | <b>6</b>        | <b>49,233</b>        |
| 応接いす<br>Sofas                      | 個<br>(n)         | 19,069            | 587            | 19,943           | 1,161,628                            | 1               | 7,003                |
| 食卓いす<br>Dining chairs              | 個<br>(n)         | 35,146            | 3,292          | 38,097           | 915,692                              | 2               | 25,701               |
| その他の木製いす<br>Other chairs           | 個<br>(n)         | 9,446             | 243            | 9,812            | 318,961                              | 3               | 16,529               |
| ベッド<br>Wooden beds                 | 個<br>(n)         | 20,006            | 32             | 19,778           | 789,087                              | 696             | 10,833               |
| その他の木製家具<br>Other wooden furniture | 個<br>(n)         | 239,842           | 2,816          | 240,618          | 5,412,796                            | 106             | 138,201              |

## (4) 文具

## Stationery

| 品 目<br>Commodity               | 単位<br>Unit     | 生 産<br>Production | 受 入<br>Receipt | 出 荷<br>Shipments |                                      |                 | 月 末 在 庫<br>Inventory |
|--------------------------------|----------------|-------------------|----------------|------------------|--------------------------------------|-----------------|----------------------|
|                                |                |                   |                | 販 売<br>Sales     |                                      | そ の 他<br>Others |                      |
|                                |                |                   |                | 数 量<br>Quantity  | 金 額 (千 円)<br>Value<br>(thousand yen) |                 |                      |
| <b>文具<br/>Stationery</b>       |                | ...               | ...            | ...              | <b>12,420,844</b>                    | ...             | ...                  |
| 鉛筆<br>Pencils                  | グロス<br>(gross) | 124,705           | 135,122        | 135,171          | 446,397                              | 94,411          | 579,848              |
| シャープペンシル<br>Mechanical pencils | 千本<br>(1000n)  | 11,475            | 925            | 11,723           | 1,379,584                            | 1,412           | 15,926               |

## (4) 文具 (続き)

## Stationery (continued)

| 品 目<br>Commodity   | 単 位<br>Unit          | 生 産<br>Production | 受 入<br>Receipt | 出 荷<br>Shipments |                                      |                 | 月 末 在 庫<br>Inventory |
|--|----------------------|-------------------|----------------|------------------|--------------------------------------|-----------------|----------------------|
|  |                      |                   |                | 販 売<br>Sales     |                                      | そ の 他<br>Others |                      |
|  |                      |                   |                | 数 量<br>Quantity  | 金 額 (千 円)<br>Value<br>(thousand yen) |                 |                      |
| <b>ボールペン(完成品)</b><br>Ballpoint pens                          | <b>千本</b><br>(1000n) | <b>135,919</b>    | <b>27,100</b>  | <b>135,110</b>   | <b>6,360,970</b>                     | <b>26,653</b>   | <b>137,923</b>       |
| 水性<br>Roller ball pens                                       | 千本<br>(1000n)        | 104,027           | 18,232         | 101,826          | 4,395,126                            | 18,346          | 104,875              |
| 油性<br>Oil ball pens  | 千本<br>(1000n)        | 31,892            | 8,868          | 33,284           | 1,965,844                            | 8,307           | 33,048               |
| マーキングペン<br>Marking pens                                      | 千本<br>(1000n)        | 64,229            | 26,674         | 76,059           | 3,422,836                            | 11,359          | 101,392              |
| クレヨン・パス・水彩絵の具<br>Crayons, oil pastels and water color paints | 千本<br>(1000n)        | 7,745             | 4,364          | 8,762            | 331,405                              | 63              | 69,025               |
| 修正液<br>Correction fluids                                     | 千本<br>(1000n)        | 1,646             | 79             | 1,379            | 112,920                              | 29              | 2,611                |
| 修正テープ<br>Correction tapes                                    | 千個<br>(1000n)        | 132               | 4,085          | 4,390            | 366,732                              | 1               | 3,389                |

## (5) 玩具

## Toys

(単位:ダース) (Unit: dozen)

| 品 目<br>Commodity                              | 生 産<br>Production | 出 荷<br>Shipments |                                      |                 | 月 末 在 庫<br>Inventory |
|---|-------------------|------------------|--------------------------------------|-----------------|----------------------|
|   |                   | 販 売<br>Sales     |                                      | そ の 他<br>Others |                      |
|   |                   | 数 量<br>Quantity  | 金 額 (千 円)<br>Value<br>(thousand yen) |                 |                      |
| <b>玩具</b><br>Toy                              | <b>476,689</b>    | <b>451,794</b>   | <b>4,093,865</b>                     | <b>-</b>        | <b>890,030</b>       |
| <b>機械玩具(可動装置を有するもの)</b><br>Electronic toys    | <b>41,699</b>     | <b>40,671</b>    | <b>1,347,434</b>                     | <b>-</b>        | <b>13,162</b>        |
| 電子応用玩具<br>Electronic applied toys             | 5,077             | 4,735            | 945,368                              | -               | 346                  |
| 電動玩具<br>Electric toys                         | 36,622            | 35,936           | 402,066                              | -               | 12,816               |
| <b>プラスチック製玩具(可動装置を有しないもの)</b><br>Plastic toys | <b>434,990</b>    | <b>411,123</b>   | <b>2,746,431</b>                     | <b>-</b>        | <b>876,868</b>       |
| プラスチックモデル<br>Plastic models                   | 397,443           | 376,816          | 2,457,008                            | -               | 803,736              |
| その他のプラスチック製玩具<br>Other plastic toys           | 37,547            | 34,307           | 289,423                              | -               | 73,132               |

## (6) 革靴

## Leather boots and shoes

(単位:足) (Unit: pair)

| 品 目<br>Commodity  | 生 産<br>Production | 受 入<br>(製 品)<br>Receipt<br>(product) | 出 荷<br>Shipments |                                      |                 | 月 末 在 庫<br>Inventory |
|---|-------------------|--------------------------------------|------------------|--------------------------------------|-----------------|----------------------|
|   |                   |                                      | 販 売<br>Sales     |                                      | そ の 他<br>Others |                      |
|   |                   |                                      | 数 量<br>Quantity  | 金 額 (千 円)<br>Value<br>(thousand yen) |                 |                      |
| <b>革靴</b><br>Leather boots and shoes                        | <b>1,037,439</b>  | <b>126,140</b>                       | <b>1,015,725</b> | <b>5,381,206</b>                     | <b>56,070</b>   | <b>1,284,902</b>     |
| 紳士用革靴<br>Men's leather boots and shoes                      | 227,692           | 38,722                               | 229,970          | 1,742,111                            | 18,228          | 539,071              |
| 婦人用・子供用革靴<br>Women's and children's leather boots and shoes | 427,408           | 84,192                               | 415,859          | 2,366,280                            | 35,441          | 490,742              |
| 運動用革靴<br>Leather boots and shoes for sports exclusively     | 27,095            | -                                    | 26,386           | 179,552                              | 201             | 12,543               |
| 作業用革靴<br>Work leather boots and shoes                       | 355,244           | 3,226                                | 343,510          | 1,093,263                            | 2,200           | 242,546              |

## (7) 製革

## Leather

## ① 製品

## Product

(単位:枚(丸革換算)) (Unit:Sheet(conversion of whole hide))

| 品 目<br>Commodity  | 生 産<br>Production | 受 入<br>(製品)<br>Receipt<br>(product) | 出 荷<br>Shipments |                                       |                                    |                 | 月 末 在 庫<br>Inventory |
|---|-------------------|-------------------------------------|------------------|---------------------------------------|------------------------------------|-----------------|----------------------|
|   |                   |                                     | 販 売<br>Sales     |                                       |                                    | そ の 他<br>Others |                      |
|   |                   |                                     | 数 量<br>Quantity  | 面 積<br>Area<br>(1000dm <sup>2</sup> ) | 金 額(百万円)<br>Value<br>(million yen) |                 |                      |
| クロム甲革(工業用を除く)<br>Chrome tanned upper leather(except industrial use) | 111,183           | 480                                 | 110,284          | 44,847                                | 1,997                              | -               | 127,227              |
| 牛<br>Cattle   | 91,022            | 480                                 | 90,710           | 42,225                                | 1,916                              | -               | 90,649               |
| 成牛<br>Cattle hide   | 87,818            | 480                                 | 87,540           | 41,554                                | 1,863                              | -               | 82,789               |
| 小・中牛<br>Kip and calf  | 3,204             | -                                   | 3,170            | 671                                   | 53                                 | -               | 7,860                |
| 豚・馬・やぎ・めん羊<br>Pig, horse, goat and sheep leather                    | 20,161            | -                                   | 19,574           | 2,622                                 | 81                                 | -               | 36,578               |

## ② 原皮換算重量表

Weight of raw hide and skin

(単位:kg)

(Unit:kg)

| 品 目<br>Commodity   | 生 産<br>Production | 出 荷<br>Shipments | 月 末 在 庫<br>Inventory |
|--|-------------------|------------------|----------------------|
| クロム甲革(工業用を除く)<br>Chrome tanned upper leather (except industrial use) | 2,333,542         | 2,321,856        | 2,450,629            |
| 牛<br>Cattle  | 2,211,470         | 2,204,350        | 2,109,025            |
| 成牛<br>Cattle hide  | 2,195,450         | 2,188,500        | 2,069,725            |
| 小・中牛<br>Kip and calf   | 16,020            | 15,850           | 39,300               |
| 豚・馬・やぎ・めん羊<br>Pig, horse, goat and sheep leather                     | 122,072           | 117,506          | 341,604              |

## ③ 出荷(販売)内訳表

Shipments (sales) details

(単位:枚(丸革換算)) (Unit:Sheet(conversion of whole hide))

| 品 目<br>Commodity   | 販 売 業 者 向<br>For sellings |                                       |                                    | 革 製 品 製 造 業 者 向<br>For leather manufacturers |                                       |                                    |
|--|---------------------------|---------------------------------------|------------------------------------|--|---------------------------------------|------------------------------------|
|  | 数 量<br>Quantity           | 面 積<br>Area<br>(1000dm <sup>2</sup> ) | 金 額(百万円)<br>Value<br>(million yen) | 数 量<br>Quantity                              | 面 積<br>Area<br>(1000dm <sup>2</sup> ) | 金 額(百万円)<br>Value<br>(million yen) |
| クロム甲革(工業用を除く)<br>Chrome tanned upper leather (except industrial use) | 28,906                    | 11,840                                | 496                                | 81,378                                       | 33,007                                | 1,501                              |
| 牛<br>Cattle  | 24,900                    | 10,938                                | 471                                | 65,810                                       | 31,287                                | 1,445                              |
| 成牛<br>Cattle hide  | 23,048                    | 10,612                                | 449                                | 64,492                                       | 30,942                                | 1,414                              |
| 小・中牛<br>Kip and calf   | 1,852                     | 326                                   | 22                                 | 1,318  | 345                                   | 31                                 |
| 豚・馬・やぎ・めん羊<br>Pig, horse, goat and sheep leather                     | 4,006                     | 902                                   | 25                                 | 15,568                                       | 1,720                                 | 56                                 |

14. 鉱業・石油・石炭製品 Mining, petroleum and coal products

(30年7月) (Jul. 2018)

(1) 原油及び天然ガス Crude oil and natural gas

① 製品

Product

| 品 目<br>Commodity    | 単 位<br>Unit  | 生 産<br>Production | 消 費<br>Consumption | 出 荷<br>Shipments |                                      |                 | 月 末 在 庫<br>Inventory |
|---------------------|--|-------------------|--------------------|------------------|--------------------------------------|-----------------|----------------------|
|                     |  |                   |                    | 販 売<br>Sales     |                                      | そ の 他<br>Others |                      |
|                     |  |                   |                    | 数 量<br>Quantity  | 金 額 (千 円)<br>Value<br>(thousand yen) |                 |                      |
| 原油<br>Crude oil     | kl   | 42,503            | -                  | 44,273           | 2,293,227                            | 6,389           | 29,944               |
| 天然ガス<br>Natural gas | 1000m <sup>3</sup><br>(基準状態)<br>(in standard<br>condition) | 233,561           | 10,234             | 311,155          | 14,840,554                           | 23,562          | 227,893              |

② 原油生産内訳

Crude oil production details

| 品 目<br>Commodity | 単 位<br>Unit | 軽 質             | コンデンセート    |
|------------------|-------------|-----------------|------------|
|                  |             | Light crude oil | Condensate |
| 原油<br>Crude oil  | kl          | 30,621          | 26,237     |

③ 天然ガス生産内訳

Natural gas production details

| 品 目<br>Commodity    | 単 位<br>Unit  | 油 田 ガ ス<br>Natural gas from<br>oil field | ガ ス 田 ガ ス ・ 炭 田 ガ ス<br>Natural gas from gas field and coal field |               |
|---------------------|--|--|--|---------------|
|                     |  |  | 構 造 性  | 水 溶 性         |
|                     |  |  | Structure type   | Water-soluble |
| 天然ガス<br>Natural gas | 1000m <sup>3</sup><br>(基準状態)<br>(in standard<br>condition) | 2,316                                    | 191,025  | 40,220        |

④ 天然ガス出荷・消費内訳

Breakdown of natural gas consumption and shipment by industry

| 品 目<br>Commodity    | 単 位<br>Unit  | 原 油 ・ 天 然 ガ ス<br>鉱 業<br>Crude oil<br>and natural gas | 化 学 工 業<br>Chemicals | そ の 他 の<br>製 造 業<br>Other<br>manufactures | 電 気 業<br>Power generation | ガ ス 業<br>Gas generation | そ の 他 産 業<br>Other industries |
|---------------------|--|--|----------------------|---|---------------------------|-------------------------|-------------------------------|
| 天然ガス<br>Natural gas | 1000m <sup>3</sup><br>(基準状態)<br>(in standard<br>condition) | 32,181   | 45,140               | 39,177                                    | 51,417                    | 176,138                 | 898                           |



## (2) 石油製品

## Petroleum products

## ① 製品

## Product

| 品 目<br>Commodity  | 単位<br>Unit | 生 産<br>Production | 受 入<br>Receipt   | 消 費<br>(精製用燃料)<br>Consumption<br>(fuel for use in<br>refinery) | 出 荷<br>Shipments                  |                     |  | 品 種 振 替<br>Conversion to<br>another product | 月 末 在 庫<br>Inventory |
|---|------------|-------------------|------------------|--|-----------------------------------|---------------------|--|---|----------------------|
|   |            |                   |                  |  | 販 売 部 門<br>To sales<br>department | そ の 他<br>Others     |  |   |                      |
|   |            |                   |                  |  |                                   | 転 送<br>Transfer out | そ の 他<br>(自家使用)<br>Others<br>(own use) |   |                      |
| <b>燃料油</b><br>Main petroleum products total               | kl         | <b>13,337,777</b> | <b>2,964,024</b> | <b>101,908</b>   | <b>15,794,772</b>                 | <b>157,279</b>      | <b>17,296</b>                          | <b>▲ 73,283</b>                             | <b>5,173,445</b>     |
| <b>ガソリン</b><br>Gasoline total                             | kl         | <b>4,414,155</b>  | <b>131,690</b>   | <b>3</b>   | <b>4,549,414</b>                  | <b>32,401</b>       | <b>16</b>                              | <b>2,488</b>                                | <b>714,380</b>       |
| <b>自動車用ガソリン</b><br>Motor gasoline total                   | kl         | <b>4,408,511</b>  | <b>131,546</b>   | <b>3</b>   | <b>4,541,442</b>                  | <b>32,401</b>       | <b>16</b>                              | <b>2,488</b>                                | <b>708,350</b>       |
| 自動車用高級ガソリン<br>Premium motor gasoline                      | kl         | 505,488           | 15,468           | -  | 543,612                           | 500                 | 8                                      | -   | 161,905              |
| 自動車用並級ガソリン<br>Regular motor gasoline                      | kl         | 3,903,023         | 116,078          | 3  | 3,997,830                         | 31,901              | 8                                      | 2,488                                       | 546,445              |
| その他用ガソリン<br>Use for others                                | kl         | 5,644             | 144              | -  | 7,972                             | -                   | -                                      | -   | 6,030                |
| <b>ナフサ</b><br>Naphtha total                               | kl         | <b>1,222,442</b>  | <b>2,238,074</b> | <b>2,448</b>   | <b>3,313,900</b>                  | <b>8,620</b>        | <b>154</b>                             | <b>▲ 41,381</b>                             | <b>1,036,232</b>     |
| 石油化学用ナフサ<br>Naphtha for petrochemical use                 | kl         | 1,219,971         | 2,238,074        | -  | 3,313,833                         | 8,620               | -                                      | ▲ 41,381                                    | 1,034,842            |
| その他用ナフサ<br>Use for others                                 | kl         | 2,471             | -                | 2,448  | 67                                | -                   | 154                                    | -   | 1,390                |
| ジェット燃料油<br>Jet fuel                                       | kl         | 1,532,878         | 21,455           | -  | 1,520,747                         | 17,520              | -                                      | 6,868                                       | 602,128              |
| 灯油<br>Kerosene  | kl         | 606,938           | 75,978           | 950  | 653,578                           | 5,000               | 6,447                                  | ▲ 19,990                                    | 675,606              |
| 軽油<br>Gas oil   | kl         | 3,367,327         | 161,680          | 1  | 3,341,493                         | 71,387              | 29                                     | ▲ 5,901                                     | 954,687              |
| <b>重油</b><br>Fuel oil total                               | kl         | <b>2,194,037</b>  | <b>335,147</b>   | <b>98,506</b>  | <b>2,415,640</b>                  | <b>22,351</b>       | <b>10,650</b>                          | <b>▲ 15,367</b>                             | <b>1,190,412</b>     |
| A重油<br>Fuel oil A   | kl         | 862,398           | 25,187           | 992  | 891,019                           | 8,370               | 1,215                                  | 6,000                                       | 309,819              |
| B・C重油<br>Fuel oil B・C                                     | kl         | 1,331,639         | 309,960          | 97,514   | 1,524,621                         | 13,981              | 9,435                                  | ▲ 21,367                                    | 880,593              |
| 潤滑油<br>Lubricating oil                                    | kl         | 213,118           | 12,754           | -  | 213,788                           | 1,127               | 1,484                                  | ▲ 5   | 173,214              |
| パラフィン<br>Paraffin wax                                     | t          | 4,173             | 1,564            | -  | 4,978                             | -                   | -                                      | -   | 4,470                |
| アスファルト<br>Asphalt   | t          | 240,466           | 3,101            | -  | 145,372                           | 20,606              | 70,470                                 | -   | 158,978              |
| <b>液化石油ガス</b><br>Liquefied petroleum gas total            | t          | <b>350,420</b>    | <b>175,535</b>   | <b>15,172</b>  | <b>442,789</b>                    | <b>23,685</b>       | <b>-</b>                               | <b>▲ 27,144</b>                             | <b>204,848</b>       |
| P. P、P. B<br>Propane・Propylene and Propane・Butane         | t          | 170,198           | 73,142           | 2,353  | 228,676                           | 4,722               | -                                      | ▲ 440                                       | 74,355               |
| B. B<br>Butane・Butylene                                   | t          | 180,222           | 102,393          | 12,819   | 214,113                           | 18,963              | -                                      | ▲ 26,704                                    | 130,493              |
| オイルコークス<br>Petroleum coke                                 | t          | 134,366           | 43,171           | 56,008   | 60,928                            | -                   | 64,547                                 | -   | 14,784               |
| 回収いおう<br>Recovered sulfur                                 | t          | 143,221           | 43               | -  | 133,059                           | -                   | 2                                      | -   | 99,023               |
| その他の石油製品<br>Other petroleum products                      | kl         | 49,127            | 257              | 11,531   | 37,469                            | -                   | -                                      | -   | 23,032               |
| 精製及び混合原料油<br>Refining material and blending component oil | kl         | 1,344,028         | -                | -  | 370,970                           | 973,058             | -                                      | -   | -                    |
| 石油ガス<br>Off gas   | kl         | 770,507           | 30,152           | 757,404  | 43,255                            | -                   | -                                      | -   | -                    |

## ② 半製品

| Semi-products                 |                  | (単位:kl)              |              | (Unit: kl)       |  |
|-------------------------------|------------------|----------------------|--------------|------------------|--|
| 品 目                           | 受 入              | 投 入                  | 出 荷          | 月 末 在 庫          |  |
| Commodity                     | Receipt          | Increase or decrease | Shipments    | Inventory        |  |
| <b>半製品</b>                    | <b>2,144,016</b> | <b>1,817,199</b>     | <b>7,325</b> | <b>8,637,972</b> |  |
| <b>Semi-products total</b>    |                  |                      |              |                  |  |
| 粗ガソリン<br>Slack gasoline       | 1,082,201        | 1,004,251            | 6,972        | 2,577,344        |  |
| 粗灯油<br>Slack kerosene         | 51,774           | 7,125                | -            | 614,125          |  |
| 粗軽油<br>Slack gas oil          | 139,177          | 1,797                | -            | 853,417          |  |
| 粗重油<br>Slack fuel oil         | 851,004          | 792,468              | 324          | 4,111,567        |  |
| 粗潤滑油<br>Slack lubricating oil | 13,124           | 7,351                | 29           | 427,293          |  |
| 粗蠟<br>Slack wax               | 6,736            | 8,792                | -            | 30,773           |  |
| 粗コークス<br>Slack coke           | -                | ▲ 4,585              | -            | 23,453           |  |

## (3) 鉱物及びコークス Metallic minerals, non-metallic minerals and coke

## ① 製品

| Product             |              | Shipments         |                |   |                 |                                     |                 |           | 月 末 在 庫<br>Inventory |
|---------------------|--------------|-------------------|----------------|---|-----------------|-------------------------------------|-----------------|-----------|----------------------|
| 品 目                 | 単 位          | 生 産<br>Production | 受 入<br>Receipt | 消 費<br>(処理)<br>Consumption<br>(process) | 販 売<br>Sales    |                                     | そ の 他<br>Others |           |                      |
|                     |              |                   |                |   | 数 量<br>Quantity | 金 額 (千円)<br>Value<br>(thousand yen) |                 |           |                      |
| Commodity           | Unit         | Production        | Receipt        | Consumption<br>(process)                | Quantity        | Value<br>(thousand yen)             | Others          | Inventory |                      |
| けい石<br>Silica stone | t            | 825,855           | 10,770         | 70,346                                  | 735,767         | 814,886                             | 11,320          | 763,548   |                      |
| 石灰石<br>Limestone    | t            | 11,684,072        | 955,910        | 2,547,522                               | 9,311,617       | 8,606,260                           | 856,147         | 9,355,374 |                      |
| ドロマイト<br>Dolomite   | t            | 278,135           | 850            | 37,711                                  | 256,771         | 284,641                             | -               | 115,518   |                      |
| けい砂<br>Silica sand  | t            | 219,311           | 10,134         | -                                       | 233,080         | 1,038,575                           | 858             | 169,002   |                      |
| コークス<br>Coal coke   | 乾量t<br>dry t | 2,664,634         | 233,670        | 2,135,887                               | 654,779         | 22,015,506                          | 101,850         | 1,576,698 |                      |

## ② 用途別販売・消費内訳 Sales and consumption breakdown by use (単位:t) (Unit: t)

| 品 目                 | 合 計        | 鉄鋼・製錬用<br>(含フェロアロイ用)<br>For steel/smelt<br>(including ferro<br>alloys) | 鋳物砂・<br>耐火物用<br>For use in<br>casting/making<br>refractories | セメント用<br>For cement | ソーダ・<br>ガラス用<br>For soda/glass | 道路用<br>For roads | コンクリート<br>骨材用<br>As aggregate<br>for concrete | そ の 他 用<br>Other uses |
|---------------------|------------|--|--|---------------------|--------------------------------|------------------|---|-----------------------|
|                     |            |  |  |                     |                                |                  |   |                       |
| けい石<br>Silica stone | 806,113    | 51,940   | 3,391  | 243,287             | -                              | 118,287          | 325,038                                       | 64,170                |
| 石灰石<br>Limestone    | 11,859,139 | 1,795,608  | -  | 5,476,469           | 52,269                         | 279,252          | 2,594,772                                     | 1,660,769             |
| ドロマイト<br>Dolomite   | 294,482    | 29,002   | -  | -                   | 11,482                         | 10,795           | 195,423                                       | 47,780                |
| けい砂<br>Silica sand  | 233,080    | 5,599  | 39,517   | 143                 | 84,967                         | 816              | 4,884   | 97,154                |

## ③ 金鉱(精鉱) Gold ores (concentrate ore production)

| 区 分                  | 含 有 量         |                  |                  |                |
|----------------------|---------------|------------------|------------------|----------------|
|                      | Content       |                  |                  |                |
| Classification       | 金 (g)<br>Gold | 銀 (kg)<br>Silver | 鉛 (t)<br>Plumbum | 亜鉛 (t)<br>Zinc |
| 生 産<br>Production    | 462,809       | 302              | -                | -              |
| 出 荷<br>Shipments     | 441,493       | 298              | -                | -              |
| 月 末 在 庫<br>Inventory | 505,722       | 262              | -                | -              |

## II. 原材料 Raw material

(30年7月) (Jul. 2018)

### 1. 鉄鋼 Iron and steel

#### (1) 銑鉄・フェロアロイ・粗鋼・鋼半製品・鍛鋼品・鋳鋼品

Pig iron, ferro-alloys, crude steel, semi-finished steel, steel forgings and castings

##### ① 原材料受払

Receipts and shipments

(単位:t) (Unit:t)

| 原材料名<br>Kind of raw material            | 受入 Receipts      |               | 生産又は発生<br>Production and generation | 消費 Consumption       |                          |               | 月末在庫<br>Inventory |
|---|------------------|---------------|-------------------------------------|----------------------|--------------------------|---------------|-------------------|
|   | 購入<br>Purchase   | その他<br>Others |                                     | 製鋼用 For steel-making |                          | その他<br>Others |                   |
|   |                  |               |                                     | 転炉<br>LD converters  | 電気炉<br>Electric furnaces |               |                   |
| 銑くず<br>Pig iron scrap                   | 47,265           | 1,668         | 23,457                              | 19,756               | 38,878                   | 6,408         | 197,026           |
| <b>鋼くず(溶解用)<br/>Melting steel scrap</b> | <b>2,043,013</b> | <b>95,007</b> | <b>888,588</b>                      | <b>833,212</b>       | <b>2,032,567</b>         | <b>69,070</b> | <b>2,760,166</b>  |
| 炭素鋼くず<br>Carbon steel scrap             | 1,949,880        | 84,936        | 753,299                             | 808,195              | 1,846,534                | 57,419        | 2,270,628         |
| 合金鋼くず<br>Alloy steel scrap              | 93,133           | 10,071        | 135,289                             | 25,017               | 186,033                  | 11,651        | 489,538           |

##### ② 製鋼用原材料(フェロアロイ)

Raw material for steel-making(ferro-alloys)

(単位:t) (Unit:t)

| 原材料名<br>Kind of raw material       | 消費<br>Consumption | 月末在庫<br>Inventory |
|------------------------------------|-------------------|-------------------|
| <b>フェロアロイ<br/>Ferro-alloys</b>     | <b>183,272</b>    | <b>166,681</b>    |
| <b>フェロマンガ<br/>Ferro-manganese</b>  | <b>43,887</b>     | <b>19,063</b>     |
| 高炭素<br>High-carbon ferro-manganese | 35,883            | 13,607            |
| 低炭素<br>Low-carbon ferro-manganese  | 8,004             | 5,456             |
| シリコマンガ<br>Silico-manganese         | 23,702            | 24,303            |
| フェロクロム<br>Ferro-chromium           | 60,483            | 74,594            |
| フェロニッケル<br>Ferro-nickel            | 19,367            | 8,972             |
| フェロバナジウム<br>Ferro-vanadium         | 606               | 1,790             |
| その他のフェロアロイ<br>Other ferro-alloys   | 35,227            | 37,959            |

#### (2) 普通鋼冷間仕上鋼材(線類を除く)、めっき鋼材(線類を除く)、冷間ロール成型形鋼

Ordinary cold-finished, metallic-coated, cold-formed steel sheets and shapes

##### ① めっき鋼材用・冷間ロール成型形鋼用原材料(専業者分)

Raw materials for metallic-coated, cold-formed steel sheets and shapes(by manufacturers specializing products)

(単位:t) (Unit:t)

| 原材料名<br>Kind of raw material   | 消費<br>Consumption | 月末在庫<br>Inventory |
|--|-------------------|-------------------|
| 普通鋼冷間仕上鋼材<br>(冷延電気鋼帯を除く)<br>Ordinary cold-finished steel<br>(except cold rolled electrical<br>sheets and strips) | 91,146            | 23,314            |

##### ② 冷間ロール成型形鋼用原材料(専業者分)

Raw materials for cold-formed steel sheets and shapes(by manufacturers specializing products)

(単位:t) (Unit:t)

| 原材料名<br>Kind of raw material | 消費<br>Consumption | 月末在庫<br>Inventory |
|------------------------------|-------------------|-------------------|
| 亜鉛めっき鋼板<br>Galvanized sheets | 10,265            | 9,730             |

## (2) 普通鋼冷間仕上鋼材(線類を除く)、めっき鋼材(線類を除く)、冷間ロール成型形鋼(続き)

Ordinary cold-finished, metallic-coated, cold-formed steel sheets and shapes(continued)

## ③ 普通鋼冷延用・亜鉛めっき鋼板用・冷間ロール成型形鋼用原材料(専業者分)

Raw materials for ordinary cold-rolled, galvanized, cold-formed steel sheets and shapes(by manufacturers specializing products)

(単位:t) (Unit:t)

| 原材料名<br>Kind of raw material                     |                                      | 消費<br>Consumption | 月末在庫<br>Inventory |
|--|--------------------------------------|-------------------|-------------------|
| 普通鋼熱間<br>圧延鋼材<br>Ordinary<br>hot-rolled<br>steel | 鋼板<br>Steel sheets<br>and plates     | 33                | -                 |
|  | 厚板<br>Heavy plates                   |                   |                   |
|  | 中板・薄板<br>Medium plates, light sheets | 775               | -                 |
|  | 鋼帯<br>Steel strips                   | 332,896           | 191,147           |

## (3) 特殊鋼圧延鋼材 Special rolled steel

## ① 特殊鋼冷延用原材料

Raw materials for special cold-rolled steel products

(単位:t) (Unit:t)

| 原材料名<br>Kind of raw material      |                               | 消費<br>Consumption |
|-----------------------------------|-------------------------------|-------------------|
| 熱間圧延<br>鋼材<br>Hot-rolled<br>steel | 鋼板<br>Steel sheets and plates | -                 |
|                                   | 鋼帯<br>Steel strips            | 107,197           |

## (4) 鋼管 Steel pipes and tubes

## ① 鋼管用原材料(鋼管専業者分)

Raw materials for special steel pipes and tubes  
(by manufacturers specializing in steel pipes and tubes)

(単位:t) (Unit:t)

| 原材料名<br>Kind of raw material                                     | 消費<br>Consumption | 月末在庫<br>Inventory |
|--|-------------------|-------------------|
| <b>鋼管用原材料</b><br>Raw materials for special steel pipes and tubes | <b>354,955</b>    | <b>301,299</b>    |
| <b>普通鋼</b><br>Ordinary steel                                     | <b>308,787</b>    | <b>231,100</b>    |
| 管<br>Rounds for tubes  | 20,137            | 25,178            |
| <b>鋼板</b><br>Steel sheets and plates                             | <b>26,375</b>     | <b>11,391</b>     |
| 厚板<br>Heavy plates   | 26,375            | 11,391            |
| 中板・薄板<br>Medium plates, light sheets                             | -                 | -                 |
| 鋼帯<br>Steel strips   | 242,294           | 175,333           |
| 磨帯鋼<br>Cold-rolled narrow strips                                 | 973               | 643               |
| 亜鉛めっき鋼板<br>Galvanized sheets                                     | 19,008            | 18,555            |
| <b>特殊鋼</b><br>Special steel                                      | <b>46,168</b>     | <b>70,199</b>     |
| 管<br>Rounds for tubes  | 26,798            | 45,551            |
| 鋼板<br>Steel sheets and plates                                    | 524               | 219               |
| 鋼帯<br>Steel strips   | 18,846            | 24,429            |

## ② 鋼管用原材料(冷けん・めっき用)(鋼管専業者分)

Raw materials for steel pipes and tubes  
(for cold-drawn, metallic-coated)

(by manufacturers specializing in steel pipes and tubes)

(単位:t) (Unit:t)

| 原材料名<br>Kind of raw material                               | 消費<br>Consumption | 月末在庫<br>Inventory |
|--|-------------------|-------------------|
| 普通鋼熱間鋼管(含溶接鋼管)<br>Ordinary steel hot-steel pipes and tubes | 29,473            | 16,661            |
| 特殊鋼熱間鋼管(含溶接鋼管)<br>Special steel hot-steel pipes and tubes  | 1,232             | 2,904             |

## 2. 非鉄金属 Non-ferrous metals

## (1) 非鉄金属

## Non-ferrous metals

| 原材料名<br>Kind of raw material    | 消費 Consumption                       |                     |                  |                 |               |                | 月末在庫 Inventory               |                     |                  |                 |               |                |        |
|---------------------------------|--------------------------------------|---------------------|------------------|-----------------|---------------|----------------|------------------------------|---------------------|------------------|-----------------|---------------|----------------|--------|
|                                 | 鉱量(乾量)<br>Gross dry tons (t)         | 含有金属量 Metal content |                  |                 |               |                | 鉱量(乾量)<br>Gross dry tons (t) | 含有金属量 Metal content |                  |                 |               |                |        |
|                                 |                                      | 金<br>Gold (g)       | 銀<br>Silver (kg) | 銅<br>Copper (t) | 鉛<br>Lead (t) | 亜鉛<br>Zinc (t) |                              | 金<br>Gold (g)       | 銀<br>Silver (kg) | 銅<br>Copper (t) | 鉛<br>Lead (t) | 亜鉛<br>Zinc (t) |        |
| 粗銅用<br>For blister copper       | 計<br>Total                           | 484,084             | 7,485,196        | 88,304          | 150,032       | ...            | ...                          | 320,040             | 6,769,352        | 89,220          | 98,850        | ...            | ...    |
|                                 | 銅鉱<br>Copper ores                    | 354,691             | 4,060,724        | 27,862          | 91,274        | ...            | ...                          | 228,403             | 4,057,501        | 32,428          | 58,953        | ...            | ...    |
|                                 | 粗銅<br>Blister copper                 | 4,932               | 39,376           | 1,259           | 4,866         | ...            | ...                          | 5,703               | 9,767            | 277             | 5,587         | ...            | ...    |
|                                 | スクラップ<br>Scrap                       | 34,195              | 1,031,386        | 27,972          | 19,790        | ...            | ...                          | 32,384              | 1,338,761        | 32,551          | 19,698        | ...            | ...    |
|                                 | その他<br>Others                        | 90,266              | 2,353,710        | 31,211          | 34,102        | ...            | ...                          | 53,550              | 1,363,323        | 23,964          | 14,612        | ...            | ...    |
|                                 |                                      |                     |                  |                 |               |                |                              |                     |                  |                 |               |                |        |
| 電気銅用<br>For electrolytic copper | 計<br>Total                           | 165,173             | 8,564,284        | 98,179          | 163,958       | ...            | ...                          | 56,362              | 2,468,546        | 29,235          | 55,939        | ...            | ...    |
|                                 | 国内粗銅 * 1<br>Blister copper, domestic | 165,075             | 8,475,584        | 95,984          | 163,922       | ...            | ...                          | 56,219              | 2,332,346        | 24,698          | 55,884        | ...            | ...    |
|                                 | 金銀澱物等<br>Cement gold and silver      | 91                  | 88,700           | 2,195           | 31            | ...            | ...                          | 135                 | 136,200          | 4,537           | 49            | ...            | ...    |
|                                 | その他<br>Others                        | 7                   | -                | -               | 5             | ...            | ...                          | 8                   | -                | -               | 6             | ...            | ...    |
| 粗鉛用<br>For lead bullion         | 計 * 2<br>Total                       | 21,032              | 279,369          | 21,194          | 103           | 11,312         | ...                          | 27,708              | 462,430          | 21,378          | 67            | 13,366         | ...    |
|                                 | 鉛鉱<br>Lead ores                      | 6,002               | 11,509           | 12,476          | 90            | 3,364          | ...                          | 3,701               | 11,136           | 10,420          | 43            | 2,034          | ...    |
|                                 | スクラップ<br>Scrap                       | 10,256              | 234,504          | 3,164           | 9             | 6,033          | ...                          | 13,094              | 377,577          | 7,419           | 22            | 6,433          | ...    |
|                                 | その他<br>Others                        | 4,774               | 33,356           | 5,554           | 4             | 1,915          | ...                          | 10,913              | 73,717           | 3,539           | 2             | 4,899          | ...    |
|                                 |                                      |                     |                  |                 |               |                |                              |                     |                  |                 |               |                |        |
| 電気鉛用<br>For electrolytic lead   | 計<br>Total                           | 10,001              | 20,104           | 20,238          | -             | 9,816          | ...                          | 3,895               | 13,963           | 10,874          | -             | 3,812          | ...    |
|                                 | 粗鉛<br>Lead bullion                   | 9,476               | 20,069           | 20,238          | -             | 9,297          | ...                          | 3,396               | 13,514           | 10,629          | -             | 3,334          | ...    |
|                                 | その他<br>Others                        | 525                 | 35               | -               | -             | 519            | ...                          | 499                 | 449              | 245             | -             | 478            | ...    |
| 亜鉛用<br>For zinc                 | 計 * 3<br>Total                       | 72,411              | 24,953           | 18,610          | 368           | 2,155          | 36,204                       | 154,077             | 74,387           | 42,450          | 934           | 5,135          | 73,553 |
|                                 | 亜鉛鉱<br>Zinc ores                     | 59,548              | 23,352           | 16,815          | 287           | 1,722          | 29,033                       | 140,780             | 73,029           | 40,535          | 860           | 4,497          | 66,585 |
|                                 | スクラップ<br>Scrap                       | 158                 | -                | -               | -             | -              | 156                          | -                   | -                | -               | -             | -              | -      |
|                                 | その他<br>Others                        | 12,705              | 1,601            | 1,795           | 81            | 433            | 7,015                        | 13,297              | 1,358            | 1,915           | 74            | 638            | 6,968  |
|                                 |                                      |                     |                  |                 |               |                |                              |                     |                  |                 |               |                |        |

\* 1 国内粗銅には粗銅用に記載してある海外粗銅を再精製し、生産された粗銅を含む。

\* 2 ISP製錬による原料を含み、副産粗鉛の原料は含まない。

\* 3 亜鉛の原料にはISP製錬による原料を含む。

Notes1) "Blister copper, domestic" includes the blister copper obtained by re-smelting the imported blister copper mentioned in "for blister copper".

Notes2) Includes materials obtained by ISP smelting, and does not include materials for lead bullion obtained as by-products.

Notes3) Zinc includes that obtained by ISP smelting.

## (2) アルミニウム、伸銅製品、アルミニウム圧延製品、電線・ケーブル、はんだ、銅合金塊

Aluminum, elongated copper products, aluminum mill products,  
electric wires, cables, solders and copper alloy ingots

(単位:t) (Unit:t)

| 原材料名<br>Kind of raw material                     |   | 生産(発生)<br>Production<br>(generation) | 消費<br>Consumption | 月末在庫<br>Inventory |
|--|---|--------------------------------------|-------------------|-------------------|
| アルミニウム用<br>For aluminum                          | アルミニウム地金<br>Aluminum metal  | ...                                  | 27,700            | 11,429            |
|  | アルミニウム二次地金<br>Secondary aluminum alloy ingots                       | ...                                  | 19,992            | 13,723            |
|  | アルミニウムのくず<br>Aluminum scrap and secondary aluminum-base alloy scrap | ...                                  | 92,560            | 76,975            |
|  | アルミニウム滓(ドロス・灰)<br>Aluminum dross                                    | ...                                  | 8,812             | 2,589             |
|  | 銅及び銅の故又はくず<br>Copper and copper scrap                               | ...                                  | 785               | 602               |
| 伸銅製品用<br>For elongated copper products           | 電気銅<br>Electrolytic copper  | ...                                  | 30,861            | 4,547             |
|  | 銅の故又はくず<br>Copper scrap   | 15,461                               | 20,017            | 7,882             |
|  | 銅合金の故又はくず<br>Copper base alloy scrap                                | 14,499                               | 29,981            | 8,448             |
|  | 亜鉛<br>Zinc  | ...                                  | 4,058             | 936               |
|  | 再生亜鉛<br>Re-melted zinc  | 256                                  | 945               | 421               |
| アルミニウム圧延製品用<br>For aluminum mill products        | アルミニウム地金<br>Aluminum metal  | 26,440                               | 104,881           | 60,746            |
|  | アルミニウム合金地金<br>Aluminum alloy ingots                                 | 193,103                              | 238,601           | 99,490            |
|  | アルミニウム二次地金<br>Secondary aluminum ingots                             | 2,275                                | 18,195            | 17,628            |
|  | アルミニウムくず<br>Aluminum scrap  | 139,632                              | 149,913           | 56,005            |
| 電線・ケーブル用<br>For electric wires, cables           | 電気銅<br>Electrolytic copper  | ...                                  | 56,094            | 6,275             |
|  | さお銅<br>Copper wire bars   | 102                                  | 95                | 103               |
|  | 銅荒引線<br>Copper wire rods  | 53,128                               | 75,101            | 15,007            |
|  | 銅の故又はくず<br>Copper scrap   | 5,344                                | 11,409            | 5,969             |
|  | 鉛<br>Lead   | ...                                  | 54                | 105               |
| はんだ、銅合金塊用<br>For solders and copper alloy ingots | 再生鉛<br>Re-melted lead   | 7                                    | 12                | 38                |
|  | 鉛の故又はくず<br>Lead scrap   | 18                                   | 49                | 57                |

### 3. 金属製品      Fabricated metals

| 原材料名<br>Kind of raw material                      |  | 単位<br>Unit | 消費<br>Consumption |
|---|--|------------|-------------------|
| 鋳鉄<br>鑄物用<br>For iron castings                    | 鋳鉄<br>Pig iron                                       | t          | 31,100            |
|   | 鋳くず<br>Pig iron scrap                                | t          | 34,385            |
|   | 鋼くず<br>Steel scrap                                   | t          | 206,397           |
|   | 返りくず<br>Return scrap                                 | t          | 203,356           |
| 可鍛<br>鑄鉄用<br>For malleable iron castings          | 鋳鉄<br>Pig iron                                       | t          | 11                |
|   | 鋼くず<br>Steel scrap                                   | t          | 3,216             |
|   | 返りくず<br>Return scrap                                 | t          | 4,726             |
|   |  |            |                   |
| 非鉄<br>金属<br>鑄物用<br>For non-ferrous metal castings | 銅合金地金<br>Copper-base alloy ingots                    | kg         | 6,189,095         |
|   | アルミニウム合金新地金<br>Aluminum-base alloy ingots            | kg         | 16,343,736        |
|   | アルミニウム二次合金地金<br>Secondary aluminum-base alloy ingots | kg         | 30,658,089        |
| ダイ<br>カス<br>ト用<br>For die castings                | アルミニウム合金新地金<br>Aluminum-base alloy ingots            | kg         | 8,960,557         |
|   | アルミニウム二次合金地金<br>Secondary aluminum-base alloy ingots | kg         | 88,616,384        |
|   | マグネシウム合金地金<br>Magnesium-base alloy ingots            | kg         | 265,338           |
|   | 亜鉛合金新地金<br>Zinc-base alloy ingots                    | kg         | 1,502,285         |
|   | 亜鉛二次合金地金<br>Secondary zinc-base alloy ingots         | kg         | 130,639           |
|   | 銅合金地金<br>Copper-base alloy ingots                    | kg         | 77,151            |
|   |  |            |                   |

#### 4. パルプ・紙・紙加工品 Pulp, paper and paper products

(30年7月) (Jul. 2018)

##### (1) パルプ

| Pulp<br>原 材 料 名<br>Kind of raw material | (単位:m <sup>3</sup> ) (Unit:m <sup>3</sup> ) |                  |
|---|---|------------------|
|   | 消 費<br>Consumption                          | 在 庫<br>Inventory |
| <b>原材料</b><br>Raw material              | <b>2,221,988</b>                            | <b>2,874,198</b> |
| <b>国産材</b><br>Domestic wood             | <b>716,034</b>                              | <b>586,077</b>   |
| 原木<br>Pulpwood                          | 16,824                                      | 40,546           |
| <b>チップ</b><br>Chips                     | <b>699,210</b>                              | <b>545,531</b>   |
| 針葉樹<br>Softwood                         | 562,902                                     | 440,393          |
| 広葉樹<br>Hardwood                         | 136,308                                     | 105,138          |
| <b>輸入材</b><br>Imported wood             | <b>1,505,954</b>                            | <b>2,288,121</b> |
| 原木<br>Pulpwood                          | -   | -                |
| <b>チップ</b><br>Chips                     | <b>1,505,954</b>                            | <b>2,288,121</b> |
| 針葉樹<br>Softwood                         | 231,880                                     | 579,988          |
| 広葉樹<br>Hardwood                         | 1,274,074                                   | 1,708,133        |

##### (2) 紙・板紙

| Paper, paperboard<br>原 材 料 名<br>Kind of raw material   | (単位:t) (Unit:t)    |                  |                  |                  |
|--|--------------------|------------------|------------------|------------------|
|  | 消 費<br>Consumption |                  | 在 庫<br>Inventory |                  |
|  | 紙<br>Paper         | 板紙<br>Paperboard | 紙<br>Paper       | 板紙<br>Paperboard |
| <b>パルプ</b><br>Pulp                                     | <b>121,617</b>     | <b>35,800</b>    | <b>168,107</b>   | <b>25,842</b>    |
| <b>クラフトパルプ</b><br>Kraft pulp                           | <b>109,749</b>     | <b>35,151</b>    | <b>144,129</b>   | <b>24,011</b>    |
| <b>さらし</b><br>Bleached                                 | <b>106,064</b>     | <b>26,352</b>    | <b>137,591</b>   | <b>20,580</b>    |
| 針葉樹<br>Softwood  | 43,439             | 3,021            | 59,706           | 3,962            |
| 広葉樹<br>Hardwood  | 62,625             | 23,331           | 77,885           | 16,618           |
| 未ざらし<br>Unbleached                                     | 3,685              | 8,799            | 6,538            | 3,431            |
| 機械パルプ<br>Mechanical pulp                               | 5,595              | 188              | 15,772           | 864              |
| その他パルプ<br>Other pulp                                   | 6,273              | 461              | 8,206            | 967              |
| <b>古紙パルプ</b><br>Waste paper pulp                       | <b>6,676</b>       | <b>894</b>       | <b>2,697</b>     | <b>541</b>       |
| <b>古紙</b><br>Waste paper                               | <b>393,343</b>     | <b>1,037,836</b> | <b>255,278</b>   | <b>349,342</b>   |
| 上白・カード<br>Hard white shaving and white card            | 1,295              | 3,617            | 1,516            | 6,758            |
| 特白・中白・白マニラ<br>White woody shavings and white manila    | 110                | 2,937            | 29               | 4,110            |
| 模造・色上(アート古紙を含む)<br>Fine paper printed and coated paper | 118,175            | 19,313           | 81,127           | 18,017           |
| 茶模造紙古紙(洋段を含む)<br>Kraft browns                          | 703                | 2,521            | 459              | 4,389            |
| 切付(中色)・中更反古<br>Quires woody paper printed              | 5,684              | 1,069            | 5,093            | 889              |
| 新聞<br>Newspaper  | 233,009            | 19,233           | 138,348          | 18,451           |
| 雑誌<br>Magazine   | 33,969             | 155,194          | 28,044           | 64,401           |
| 段ボール古紙<br>Corrugated container                         | 142                | 799,648          | 282              | 217,437          |
| 台紙・地券・ボール古紙・込新<br>Box board cutting                    | 256                | 34,304           | 380              | 14,890           |
| その他繊維原料<br>Other fiber raw materials                   | 1,938              | 662              | 1,056            | 516              |



## (3) 段ボール

## Corrugated cardboard

(単位:t) (Unit:t)

| 原材料名<br>Kind of raw material     | 消費<br>Consumption |
|----------------------------------|-------------------|
| <b>段ボール原紙</b><br>Container board | <b>656,371</b>    |
| ライナー<br>Liner board              | 394,767           |
| 中芯原紙<br>Corrugating medium       | 261,604           |

## 5. ゴム製品

## Rubber products

## (1) ゴム製品

## Rubber products

| 原材料名<br>Kind of raw material       | 単位<br>Unit | 消費<br>Consumption |  |   |
|------------------------------------|------------|-------------------|--|---|
|                                    |            | 計<br>Total        | 自動車用タイヤ<br>Rubber tires<br>for automobiles | 自動車用タイヤを除く<br>Except rubber<br>tires for<br>automobiles |
| <b>新ゴム</b><br>New rubber           | t          | <b>116,512</b>    | <b>92,880</b>                              | <b>23,632</b>   |
| <b>天然ゴム</b><br>Natural rubber      | t          | <b>59,710</b>     | <b>54,803</b>                              | <b>4,907</b>  |
| 生ゴム<br>Crude rubber                | t          | 59,496            | 54,803                                     | 4,693   |
| ラテックス<br>Latex                     | t          | 214               | -  | 214   |
| <b>合成ゴム</b><br>Synthetic rubber    | t          | <b>56,802</b>     | <b>38,077</b>                              | <b>18,725</b>   |
| クラムラバー<br>Crumb rubber             | t          | 55,572            | 38,072                                     | 17,500  |
| ラテックス<br>Latex                     | t          | 1,230             | 5  | 1,225   |
| 再生ゴム<br>Regenerated rubber         | t          | 1,771             | 1,114                                      | 657   |
| カーボンブラック<br>Carbon black           | t          | 51,896            | 44,041                                     | 7,855   |
| 溶剤用揮発油<br>Volatile oil for solvent | kl         | 2,528             | 1,778                                      | 750   |

6. プラスチック製品  
(1) プラスチック製品

Plastic products

(30年7月) (Jul. 2018)

Plastic products

(単位:t) (Unit:t)

| 原 材 料 名<br>Kind of raw material  | 生 産 品 目 別 消 費 内 訳<br>Consumption items by the products |                             |                |                            |                                   |                                       |   |                   |                     |                       |                             |                       |
|--|--|-----------------------------|----------------|----------------------------|-----------------------------------|---------------------------------------|---|-------------------|---------------------|-----------------------|-----------------------------|-----------------------|
|  | 消 費<br>Consumption                                     | フイルム・シート<br>Film and sheets | 板<br>Plates    | 合成皮革<br>Synthetic leathers | パイプ・継手<br>Pipes and pipe fittings | 機械器具部品<br>For machine tools and parts | 日用品・雑貨<br>For daily necessities and miscellaneous goods | 容 器<br>Containers | 建 材<br>For building | 発泡製品<br>Foam products | 強化製品<br>Reinforced products | その他<br>Other products |
|  | <b>原材料樹脂</b><br>Raw material plastic                   | <b>485,279</b>              | <b>217,452</b> | <b>9,473</b>               | <b>3,859</b>                      | <b>35,639</b>                         | <b>54,984</b>   | <b>23,324</b>     | <b>80,582</b>       | <b>13,395</b>         | <b>19,625</b>               | <b>3,830</b>          |
| ポリエチレン<br>Polyethylene   | 107,938  | 69,565                      | 2              | 213                        | 3,201                             | 1,712                                 | 2,776   | 21,188            | 216                 | 3,761                 | 1                           | 5,303                 |
| ポリスチレン<br>Polystyrene  | 51,104   | 21,588                      | 358            | -                          | 327                               | 8,146                                 | 4,334   | 1,174             | 158                 | 14,171                | 43                          | 805                   |
| ポリプロピレン<br>Polypropylene   | 124,350  | 51,502                      | 1,505          | 26                         | 324                               | 23,924                                | 13,745  | 25,185            | 437                 | 886                   | 198                         | 6,618                 |
| 塩化ビニル樹脂(コンパウンドを含む)<br>Vinyl chloride resins (including compound)   | 65,833   | 12,520                      | 2,747          | 2,286                      | 30,630                            | 1,094                                 | 397   | 10                | 12,126              | 108                   | -                           | 3,915                 |
| メタクリル樹脂(成形材料)<br>Methacrylic resins (molding material)   | 2,847  | -                           | 1,045          | -                          | -                                 | 1,202                                 | 223   | -                 | 35                  | -                     | 87                          | 255                   |
| 不飽和ポリエステル樹脂<br>Unsaturated polyester resins  | 3,497  | -                           | -              | -                          | 184                               | 220                                   | 19  | 7                 | -                   | -                     | 2,795                       | 272                   |
| フェノール・ユリア・メラミン樹脂(成形材料)<br>Phenol-formaldehyde, urea-formaldehyde and melamine-formaldehyde resins (molding material) | 1,416  | -                           | 160            | -                          | 5                                 | 849                                   | 121   | -                 | 39                  | -                     | 221                         | 21                    |
| ポリカーボネート<br>Polycarbonate  | 8,456  | 795                         | 3,231          | 11                         | 12                                | 2,195                                 | 145   | 1,008             | 58                  | -                     | -                           | 1,001                 |
| その他の樹脂<br>Other resins   | 119,838  | 61,482                      | 425            | 1,323                      | 956                               | 15,642                                | 1,564   | 32,010            | 326                 | 699                   | 485                         | 4,926                 |
| <b>再生品プラスチック材料</b><br>Reconstituted plastic material   | <b>21,227</b>  | <b>13,248</b>               | <b>508</b>     | <b>4</b>                   | <b>451</b>                        | <b>1,618</b>                          | <b>199</b>  | <b>3,164</b>      | <b>1,229</b>        | <b>480</b>            | <b>-</b>                    | <b>326</b>            |

## 7. 繊維工業 Textiles

## (1) 染色整理

## Dyeing and finishing processes

|   | (単位: kg)          | (Unit: kg) |
|---|-------------------|------------|
| 原材料名<br>Kind of raw material                                | 消費<br>Consumption |            |
| <b>染料</b><br>Dye stuff                                      | 485,836           |            |
| 直接<br>Direct dye stuff                                      | 12,581            |            |
| 酸性(金属錯塩を含む)<br>Acid dye stuff (including metal complex dye) | 36,611            |            |
| カチオン・ラピット・その他の塩基<br>Cationic, rapid and other basic dye     | 15,258            |            |
| 建染(硫化を含む)<br>Vat dye stuff (including sulphur dye)          | 9,980             |            |
| 分散<br>Disperse dye stuff                                    | 233,045           |            |
| 反応<br>Reactive dye stuff                                    | 150,354           |            |
| 蛍光<br>Fluorescence dye stuff                                | 17,639            |            |
| その他の染料(アニリンを含む)<br>Other dye stuff (including aniline dye)  | 10,368            |            |
| 顔料<br>Pigment   | 62,261            |            |

## 8. 化学工業 Chemical industry

## (1) 触媒

## Catalyst

|                              | (単位: kg)          | (Unit: kg) |
|------------------------------|-------------------|------------|
| 原材料名<br>Kind of raw material | 消費<br>Consumption |            |
| ニッケル<br>Nickel               | 125,315           |            |
| モリブデン<br>Molybdenum          | 220,576           |            |
| 酸化チタン<br>Titanium oxide      | 605,986           |            |
| 白金<br>Platinum               | 1,015             |            |
| タングステン<br>Tungsten           | 1,434             |            |
| コバルト<br>Cobalt               | 20,157            |            |
| パラジウム<br>Palladium           | 3,670             |            |
| バナジウム<br>Vanadium            | 5,289             |            |
| 酸化アルミニウム<br>Aluminium oxide  | 1,944,801         |            |

Ⅲ. 労務統計 Labor

(30年7月) (Jul. 2018)

(単位:人) (Unit: person)

| 業種<br>Classification by industry   | 品目群<br>By items   | 月末従事者数<br>Number of persons engaged at the end of month        |                                   |
|--|---|--|-----------------------------------|
|  |   | 部門<br>Division   | 事業所全体<br>The entire establishment |
| 鉄鋼<br>Iron and steel   | 合計<br>Total   | 150,254  | ...                               |
|  | 鉄鋼部門<br>Iron and steel  | 100,652  | ...                               |
|  | 鉄鋼加工製品部門<br>Iron and steel products   | 9,845  | ...                               |
|  | その他の部門<br>Other   | 39,757   | ...                               |
| 非鉄金属<br>Non-ferrous metals   | 非鉄金属<br>Non-ferrous metal   | ...  | 5,008                             |
|  | 金・銀部門<br>Gold, silver   | 252  | ...                               |
|  | 銅部門<br>Copper   | 1,208  | ...                               |
|  | 鉛部門<br>Lead   | 425  | ...                               |
|  | 亜鉛部門<br>Zinc  | 709  | ...                               |
|  | アルミニウム部門<br>Aluminum  | 3,151  | 5,320                             |
|  | 伸銅部門<br>Elongated copper  | 6,994  | 16,215                            |
|  | アルミニウム圧延部門<br>Aluminum mill   | 13,433   | 28,939                            |
|  | 電線・ケーブル、光ファイバ<br>Electric wires, cables and optical fiber   | ...  | 32,196                            |
|  | 電線・ケーブル部門<br>Electric wires, cables   | 17,338   | ...                               |
|  | 光ファイバ部門<br>Optical fiber  | 2,675  | ...                               |
|  | 高純度多結晶シリコン、シリコンウエハ、はんだ、銅合金塊部門<br>High-purity polycrystal silicon, silicon wafers, solders and copper alloy ingots | 8,626  | 13,324                            |
|  | 軽金属板製品部門<br>Light metal plate products  | 5,184  | 9,384                             |
|  | 金属製品<br>Fabricated metals   | 鉄構物及び架線金物部門<br>Steel structures and transmission line hardware | 15,710                            |
| ばね部門<br>Springs  |   | 11,590   | 17,501                            |
| 弁及び管継手部門<br>Valves and pipe fittings   |   | 16,042   | 32,055                            |
| 空気動工具、作業工具、のこ刃及び機械刃物部門<br>Pneumatic tools, machinist hand tools, saw blades and knives for industry (machines) |   | 5,685  | 13,086                            |
| ガス機器、石油機器及び太陽熱温水器部門<br>Gas and oil equipment for cooking, boiling and heating and solar water heaters          |   | 11,997   | 15,141                            |
| 粉末や金製品(超硬チップを除く)部門<br>Sintered products (except cemented carbide tips)   |   | 7,963  | 95,641                            |
| 鍛工品部門<br>Forgings from billets and bars  |   | 15,556   | 106,176                           |
| 銑鉄铸件部門<br>Iron castings  |   | 24,881   | 159,096                           |
| 可鍛鉄及び精密铸造品<br>Malleable iron castings and precision castings   |   | ...  | 24,446                            |
| 可鍛鉄部門<br>Malleable iron castings   |   | 447  | ...                               |
| 精密铸造品部門<br>Precision castings  |   | 2,044  | ...                               |
| 非鉄金属铸件部門<br>Non-ferrous metal castings   |   | 10,780   | 123,151                           |
| ダイカスト部門<br>Die castings  |   | 16,157   | 177,768                           |

(30年7月) (Jul. 2018)

(単位:人) (Unit: person)

| 業種<br>Classification by industry  | 品目群<br>By items  | 月末従事者数<br>Number of persons engaged at the end of month |                                   |
|---|--|---|-----------------------------------|
|   |  | 部門<br>Division  | 事業所全体<br>The entire establishment |
| はん用・生産用・業務用機械<br>General-purpose, production and business oriented machinery            | ボイラ及び原動機部門<br>Boilers and power units  | 28,859  | 87,378                            |
|   | 土木建設機械、鉱山機械及び破砕機部門<br>Construction equipment, mining machinery and crushers  | 14,893  | 30,638                            |
|   | 化学機械及び貯蔵槽部門<br>Chemical machinery and storage tanks  | 8,038   | 30,994                            |
|   | 製紙機械、プラスチック加工機械、印刷・製版・製本及び紙工機械<br>Paper making machines, plastic processing machinery, printing, plate making, bookbinding and paper converting machines | 10,247  | 24,371                            |
|   | 製紙機械、プラスチック加工機械部門<br>Paper making machines and plastic processing machinery  | 5,126   | ...                               |
|   | 印刷・製版・製本及び紙工機械部門<br>Printing, plate making, bookbinding and paper converting machines  | 5,121   | ...                               |
|   | ポンプ、圧縮機及び送風機部門<br>Pumps, compressors, fans and blowers   | 15,420  | 39,894                            |
|   | 油圧機器及び空気圧機器部門<br>Oil-hydraulic and pneumatic equipment   | 15,320  | 32,756                            |
|   | 運搬機械及び産業用ロボット部門<br>Conveyance machines and industrial robots   | 20,625  | 58,668                            |
|   | 動力伝導装置部門<br>Power transmission equipment   | 14,767  | 25,628                            |
|   | 農業用機械器具及び木材加工機械<br>Agricultural machinery and wood working machinery   | 10,010  | 21,809                            |
|   | 農業用機械器具部門<br>Agricultural machinery  | 7,935   | ...                               |
|   | 木材加工機械部門<br>Wood working machinery   | 2,075   | ...                               |
|   | 金属工作機械部門<br>Metal cutting machine tools  | 27,444  | 57,713                            |
|   | 金属加工機械及び鑄造装置部門<br>Metal forming machinery and foundry equipment  | 7,294   | 25,178                            |
|   | 食料品加工機械、包装機械及び荷造機械部門<br>Food products machinery, wrapping and packing machinery  | 9,526   | 17,989                            |
|   | 事務用機械部門<br>Office machinery  | 2,398   | 8,081                             |
|   | ミシン及び繊維機械<br>Sewing machines and textile machinery   | 4,976   | 12,935                            |
|   | ミシン部門<br>Sewing machines   | 1,345   | ...                               |
|   | 繊維機械部門<br>Textile machinery  | 3,631   | ...                               |
|   | 冷凍機及び冷凍機応用製品部門<br>Refrigerating machines, appliances and equipment   | 22,681  | 59,840                            |
|   | 業務用サービス機器部門<br>Business service equipment  | 2,037   | 11,069                            |
|   | 軸受、軸受メタル及びブッシュ部門<br>Bearings, bearing metals and bushings  | 19,800  | 27,090                            |
|   | 金型部門<br>Mold and die   | 26,459  | 282,774                           |
|   | 機械工具部門<br>Tools for machines   | 15,184  | 28,955                            |
|   | 計測機器部門<br>Measuring equipment, instruments, testing machines and surveying equipments  | 13,089  | 42,797                            |
|   | 光学機械器具及び時計部門<br>Optical appliances and instruments, watches and clocks   | 11,107  | 19,463                            |
| 半導体製造装置及びフラットパネル・ディスプレイ製造装置部門<br>Semiconductor, flat-panel display manufacturing system | 20,491   | 40,513  |                                   |

(30年7月) (Jul. 2018)

(単位:人) (Unit: person)

| 業 種<br>Classification by<br>industry   | 品 目 群<br>By items  | 月 末 従 事 者 数<br>Number of persons engaged at the end of month  |                                   |         |
|--|--|---|-----------------------------------|---------|
|  |  | 部 門<br>Division   | 事業所全体<br>The entire establishment |         |
| 電気・電子デバイス・情報通信機械<br>Electrical machineries, electronic devices,<br>information and communication equipment | 回転電気機械部門<br>Rotating electrical machineries  | 29,355  | 126,750                           |         |
|  | 静止電気機械器具部門<br>Electrical stationary machines   | 19,322  | 58,421                            |         |
|  | 開閉制御装置部門<br>Switchgears and controlling equipment  | 39,672  | 96,120                            |         |
|  | 民生用電気機械器具部門<br>Consumer electric appliances  | 11,159  | 31,361                            |         |
|  | 電球、配線及び電気照明器具部門<br>Electric lamps, wiring equipment and luminaries                             | 15,836  | 34,471                            |         |
|  | 通信機械器具及び無線応用装置部門<br>Communication and related equipment  | 15,604  | 44,141                            |         |
|  | 民生用電子機械器具部門<br>Consumer electronic appliances  | 14,007  | 32,559                            |         |
|  | 電子部品部門<br>Parts for electronic equipment   | 67,665  | 130,557                           |         |
|  | 電子管、半導体素子及び集積回路部門<br>Electronic tubes, semiconductor devices and integrated circuits           | 58,967  | 112,128                           |         |
|  | 電子計算機及び情報端末部門<br>Electronic computers and information terminals                                | 10,290  | 43,147                            |         |
|  | 電気計測器及び電子応用装置部門<br>Electric measuring instrument and associated electronic equipment           | 20,303  | 86,302                            |         |
|  | 電池部門<br>Cells and batteries  | 14,938  | 18,117                            |         |
|  | 輸送機械<br>Transport equipment  | 自動車部門<br>Motor vehicles   | 173,420                           | 236,895 |
|  |  | 自動車部品及び内燃機関電装品部門<br>Parts for motor vehicles and electric equipment for internal combustion engines | 186,565                           | 420,663 |
| 自転車及び車いす部門<br>Bicycles and wheelchairs   |  | 1,653   | 25,327                            |         |
| 産業車両部門<br>Industrial vehicles  |  | 5,272   | 13,326                            |         |
| 航空機部門<br>Aircraft  |  | 27,457  | 57,121                            |         |
| 窯業・土石(建材)製品<br>Ceramics and building materials   | 板ガラス・安全ガラス・複層ガラス及びガラス繊維部門<br>Flat glass, safety glass, multiple glass and glass fiber products | 9,930   | 16,751                            |         |
|  | ガラス製品・ほうろう鉄器部門<br>Glass products and enameled iron products                                    | 9,004   | 13,438                            |         |
|  | セメント・セメント製品<br>Cement and cement products  | 13,276  | 23,686                            |         |
|  | セメント部門<br>Cement   | 3,339   | ...                               |         |
|  | セメント製品部門<br>Cement products  | 9,937   | ...                               |         |
|  | 陶磁器部門<br>Ceramic wares   | 9,360   | 12,814                            |         |
|  | ファインセラミックス部門<br>Fine ceramics  | 17,014  | 43,888                            |         |
|  | 耐火れんが・不定形耐火物部門<br>Refractory bricks and monolithic refractories                                | 4,180   | 5,594                             |         |
|  | 炭素製品・研削砥石部門<br>Carbon products and grinding wheels   | 6,046   | 15,478                            |         |
|  | ボード・パネル部門<br>Board and panels  | 4,885   | 10,448                            |         |
| 金属製建具部門<br>Metal building materials  | 15,776   | 23,370  |                                   |         |

(30年7月) (Jul. 2018)

(単位:人) (Unit: person)

| 業種<br>Classification by industry                                   | 品目群<br>By items   | 月末従事者数<br>Number of persons engaged at the end of month |                                   |
|--|---|---|-----------------------------------|
|  |   | 部門<br>Division  | 事業所全体<br>The entire establishment |
| パルプ・紙加工・紙品<br>Pulp, paper and paper products                       | パルプ部門<br>Pulp   | 2,807   | 9,507                             |
|  | 紙部門<br>Paper  | 15,454  | 24,886                            |
|  | 板紙部門<br>Paperboard  | 5,972   | 10,595                            |
|  | 段ボールシート部門<br>Corrugated board sheets  | 3,742   | 20,848                            |
|  | 紙おむつ部門<br>Disposable diaper   | 3,339   | 5,711                             |
| 化学工業<br>Chemical industry  | 化学肥料・石灰及びソーダ工業製品部門<br>Chemical fertilizers, lime and industrial sodium chemicals                                    | 6,408   | 37,773                            |
|  | 無機薬品・火薬類部門<br>Industrial inorganic chemicals and gunpowders   | 6,902   | 62,936                            |
|  | 触媒部門<br>Catalyst  | 1,654   | 11,878                            |
|  | 高压ガス部門<br>High pressure gas   | 3,355   | 37,030                            |
|  | ※石油系芳香族・コールタール製品・環式中間物及び合成染料部門<br>Aromatic hydrocarbons, coal tar products, cyclic chemicals and synthetic dyes * 1 | 4,437   | ...                               |
|  | ※プラスチック部門<br>Plastic (materials) * 1  | 18,832  | ...                               |
|  | ※合成ゴム部門<br>Synthetic rubber * 1   | 4,241   | ...                               |
|  | 有機薬品及び写真感光材料<br>Industrial organic chemicals and sensitive materials for photography                                | ...   | 17,745                            |
|  | ※有機薬品部門<br>Industrial organic chemicals * 1   | 8,612   | ...                               |
|  | 写真フィルム部門<br>Photo film  | x   | ...                               |
|  | 油脂製品、石けん・合成洗剤等及び界面活性剤部門<br>Oil and fat products, soap, synthetic detergents and surface-active agents               | 9,223   | 21,118                            |
|  | 化粧品部門<br>Cosmetics  | 18,974  | 90,217                            |
|  | 塗料及び印刷インキ部門<br>Paints and printing inks   | 10,181  | 26,365                            |
| (特掲)石油化学製品部門<br>(Special insertion) Petrochemical products * 2     | 18,230  | 52,307  |                                   |
| ゴム製品<br>Rubber products  | ゴム製品(自動車用タイヤ)部門<br>Rubber tires for automobiles   | 16,950  | 17,382                            |
|  | ゴム製品(自動車用タイヤを除く)部門<br>Except rubber tires for automobiles   | 43,083  | 74,668                            |
| プラスチック製品<br>Plastics products                                      | プラスチック製品部門<br>Plastics products   | 104,820   | 198,805                           |
| 繊維工業<br>Textiles   | 化学繊維<br>Chemical fibers   | 7,293   | 23,057                            |
|  | 再生・半合成繊維部門<br>Regenerated and semi-synthetic fibers   | 985   | ...                               |
|  | 合成繊維部門<br>Synthetic fibers  | 6,308   | ...                               |
|  | 紡績糸部門<br>Spun yarn  | 3,212   | 4,940                             |
|  | 織物部門<br>Woven fabrics   | 8,690   | 15,131                            |
|  | 染色整理部門<br>Dyeing and finishing processes  | 10,278  | 13,023                            |
| タフテッドカーペット・フェルト・不織布部門<br>Tufted carpet, felt and non-woven fabrics | 7,435   | 16,103  |                                   |

\* 1 ※には石油化学製品月報で調査した従事者を含む。

\* 2 (特掲)石油化学製品は※印業種に含まれている品目であって、石油化学製品月報で調査した従事者である。

Notes1) Figures in "※" include persons engaged surveyed in the Petrochemical products Monthly Report.

Notes2) (Special insertion) Petrochemical products are items included in industries marked "※" and the figures are the number of persons engaged surveyed by the Petrochemical products Monthly Report.

(30年7月) (Jul. 2018)

(単位:人) (Unit: person)

| 業 種<br>Classification by<br>industry | 品 目 群<br>By items   | 月 末 従 事 者 数<br>Number of persons engaged at the end of month |                                   |
|--------------------------------------|---|--|-----------------------------------|
|                                      |   | 部 門<br>Division  | 事業所全体<br>The entire establishment |
| 繊維工業<br>(続き)                         | ニット・衣服縫製品部門<br>Knit and sewn clothing products                  | 34,187   | 39,383                            |
|                                      | 製綿・ふとん部門<br>Wadding and futon                                   | 1,107  | ...                               |
|                                      | 漁網・陸上網部門<br>Fishing nets and ground nets                        | 1,476  | ...                               |
|                                      | 合成繊維綱部門<br>Synthetic fiber rope                                 | 691  | ...                               |
|                                      | 細幅織物・組ひも・レース生地部門<br>Narrow fabrics, braids and lace fabrics     | 2,185  | ...                               |
|                                      |   |  |                                   |
| その他の工業                               | 印刷部門<br>Printing  | 16,676   | 43,172                            |
|                                      | 楽器部門<br>Musical instruments                                     | 2,572  | 4,524                             |
|                                      | 家具部門<br>Furniture   | 24,070   | 29,944                            |
|                                      | 文具部門<br>Stationery  | 3,594  | 6,169                             |
|                                      | 玩具部門<br>Toys  | 1,252  | 3,342                             |
|                                      | 革靴部門<br>Leather boots and shoes                                 | 3,547  | 4,871                             |
|                                      | 製革部門<br>Leather   | 732  | 833                               |
| 鉱業・石炭・石油                             | 原油及び天然ガス部門<br>Crude oil and natural gas                         | 1,052  | 2,548                             |
|                                      | 石油製品部門<br>Petroleum products                                    | 10,137   | 11,970                            |
|                                      | 鉱物及びコークス部門<br>Metallic minerals, non-metallic minerals and coke | 6,390  | 42,832                            |



IV. 生産能力統計

Productive capacity statistics

(30年7月) (Jul. 2018)

1. 月間生産能力及び稼働率

Monthly productive capacity and operating ratio

| 業種<br>Classification by industry                                       | 品目<br>Commodity                   | 単位<br>Unit                 | 月間生産能力<br>Monthly productive capacity | 稼働率(%)<br>Operating ratio |      |
|--|-----------------------------------|----------------------------|---------------------------------------|---------------------------|------|
| 鉄鋼<br>Iron and steel   | 銑鉄<br>Pig iron                    | t                          | 7,299,691                             | ...                       |      |
|  | 高炉<br>Blast furnaces              | t                          | x                                     | ...                       |      |
|  | その他の炉<br>Other furnaces           | t                          | x                                     | ...                       |      |
|  | 粗鋼<br>Crude steel                 | t                          | 10,425,874                            | ...                       |      |
|  | 転炉<br>LD converters               | t                          | 7,293,547                             | ...                       |      |
|  | 電気炉<br>Electric furnaces          | t                          | 3,132,327                             | ...                       |      |
|  | 熱間圧延鋼材<br>Hot rolled steel        | t                          | 9,965,646                             | ...                       |      |
|  | 冷延広幅帯鋼<br>Cold-rolled wide strips | t                          | 2,378,838                             | ...                       |      |
|  | 非鉄金属<br>Non-ferrous metals        | 電気金<br>Electrolytic gold   | g                                     | 17,600,000                | 60.2 |
|  |                                   | 電気銀<br>Electrolytic silver | kg                                    | 238,000                   | 60.4 |
| 粗銅<br>Blister copper   |                                   | t                          | 173,700                               | 83.8                      |      |
| 電気銅<br>Electrolytic copper   |                                   | t                          | 146,183                               | 91.2                      |      |
| 粗鉛<br>Lead bullion   |                                   | t                          | 22,750                                | 49.5                      |      |
| 電気鉛<br>Electrolytic lead   |                                   | t                          | 20,650                                | 53.5                      |      |
| 亜鉛 * 1<br>Zinc   |                                   | t                          | 54,660                                | 66.5                      |      |
| 伸銅品<br>Elongated copper product  |                                   | t                          | 91,563                                | 76.0                      |      |
| アルミニウム圧延製品 (はくを除く)<br>Aluminum mill products (except foils)            |                                   | t                          | 209,864                               | 82.8                      |      |
| 板、円板、条<br>Plates and sheets, circles, strips                           |                                   | t                          | 125,470                               | 84.6                      |      |
| 管、棒・線、型材<br>Pipes and tubes, rods and bars, wires, shapes and profiles |                                   | t                          | 84,394                                | 80.1                      |      |
| アルミニウムはく<br>Aluminum foils   |                                   | t                          | 13,105                                | 80.4                      |      |
| 銅裸線<br>Bare copper wires   |                                   | 導体t metal core t           | 70,763                                | 63.2                      |      |
| 銅絶縁電線<br>Copper insulated wires  |                                   | 導体t metal core t           | 82,623                                | 62.7                      |      |
| アルミニウム線<br>Aluminum wires  |                                   | 導体t metal core t           | 12,741                                | 20.6                      |      |
| 通信用ケーブル光ファイバ製品<br>Optical fiber products for telecommunication cables  |                                   | kmコア km core               | 1,464,070                             | 65.1                      |      |
| 飲料用缶<br>Cans for beverages   |                                   | 缶体<br>Can bodies           | kg                                    | 28,078,847                | ...  |
|  |                                   | 缶ふた<br>Can lids            | kg                                    | 9,612,462                 | ...  |

\* 1 亜鉛の能力には精留亜鉛の能力を含んでいます。  
Notes1) Productive capacity of zinc includes productive capacity of reflux refined zinc.

## 1. 月間生産能力及び稼働率(続き) Monthly productive capacity and operating ratio (continued)

| 業種<br>Classification by industry               | 品目<br>Commodity                                   | 単位<br>Unit   | 月間生産能力<br>Monthly productive capacity | 稼働率(%)<br>Operating ratio |      |
|--|---|--|---------------------------------------|---------------------------|------|
| 窯業・土石(建材)製品<br>Ceramics and building materials | 素板ガラス<br>Material flat glass                      | 換算箱 blocks   | 3,545,000                             | 67.8                      |      |
|  | (素板ガラス生産量)<br>(Production of material flat glass) | 換算箱 blocks   | 2,403,328                             | ...                       |      |
|  | 安全ガラス<br>Safety glass                             | m <sup>2</sup>   | 5,361,722                             | 73.7                      |      |
|  | ガラス短繊維<br>Glass fiber wool products               | t  | 21,487                                | 84.4                      |      |
|  | (原繊維生産量)<br>(Production of basic fiber)           | t  | 18,141                                | ...                       |      |
|  | ガラス長繊維<br>Glass fiber continuous textiles         | t  | 18,820                                | 89.4                      |      |
|  | (原繊維生産量)<br>(Production of basic fiber)           | t  | 16,820                                | ...                       |      |
|  | ガラス製品<br>Glass products                           | 光学用ガラス素地<br>Optical glass blanks   | t                                     | 1,166                     | 52.1 |
|  |   | (引き出し量)<br>(Draw)  | t                                     | 607                       | ...  |
|  |   | 容器類<br>Glass containers  | t                                     | 195,807                   | 67.6 |
|  |   | (引き出し量)<br>(Draw)  | t                                     | 132,427                   | ...  |
|  | 無アルカリガラス基板<br>Nonalkali glass substrates          | 1000 m <sup>2</sup>  | 4,868                                 | 61.6                      |      |
|  | セメント製品<br>Cement and cement products              | セメント(クリンカ)<br>Cement (clinker)   | t                                     | 4,898,205                 | 89.5 |
|  |   | 遠心力鉄筋コンクリート製品(ポール・パイル)<br>Centrifugal reinforced-concrete products (poles and piles) | t                                     | 321,345                   | 50.5 |
|  |   | 気泡コンクリート製品(ALC製品)<br>Autoclaved light weight concrete products                       | m <sup>3</sup>                        | 247,500                   | 54.7 |
|  |   | 耐火れんが<br>Refractory bricks   | t                                     | 51,866                    | 47.3 |
|  | トンネル炉<br>Tunnel furnace                           | (トンネル炉生産量)<br>(Production)   | t                                     | 40,234                    | 47.4 |
|  |   | その他の炉<br>Other furnace   | t                                     | 19,089                    | ...  |
|  |   | (その他の炉生産量)<br>(Production)   | t                                     | 11,632                    | 46.7 |
|  |   | その他の炉<br>Other furnace   | t                                     | 5,436                     | ...  |
|  | タイル<br>Tiles                                      | トンネルキルン<br>Tunnel kiln   | m <sup>2</sup>                        | 3,173,731                 | 53.8 |
|  |   | ローラーハースキルン<br>Roller hearth kiln   | m <sup>2</sup>                        | 2,327,700                 | ...  |
|  |   | その他の炉<br>Other kiln  | m <sup>2</sup>                        | 846,031                   | ...  |
| その他の炉<br>Other kiln                            |   | m <sup>2</sup>   | -                                     | ...                       |      |
| 炭素繊維<br>Carbon fiber                           | kg  | 2,192,600  | ...                                   |                           |      |
| パルプ・紙・紙加工品<br>Pulp, paper and paper products   | パルプ<br>Pulp                                       | 基数 number  | 207                                   | ...                       |      |
|  | 蒸解釜・浸透装置<br>Digester and osmosis equipment        | クラフトパルプ・さらし連続式<br>Bleached kraft pulp; Continuous type                               | t                                     | 1,021,218                 | 63.1 |
|  |   | クラフトパルプ・さらしバッチ式<br>Bleached kraft pulp; Batch type                                   | t                                     | 34                        | ...  |
|  |   | クラフトパルプ・未ざらし連続式<br>Unbleached kraft pulp; Continuous type                            | t                                     | 702,942                   | ...  |
|  |   | クラフトパルプ・未ざらしバッチ式<br>Unbleached kraft pulp; Batch type                                | t                                     | 12                        | ...  |
|  |   | クラフトパルプ・未ざらし連続式<br>Unbleached kraft pulp; Continuous type                            | t                                     | 18,848                    | ...  |
|  |   | クラフトパルプ・未ざらしバッチ式<br>Unbleached kraft pulp; Batch type                                | t                                     | 6                         | ...  |
|  |   | クラフトパルプ・未ざらし連続式<br>Unbleached kraft pulp; Continuous type                            | t                                     | 125,953                   | ...  |
|  |   | クラフトパルプ・未ざらしバッチ式<br>Unbleached kraft pulp; Batch type                                | t                                     | 15                        | ...  |
|  |   | クラフトパルプ・未ざらし連続式<br>Unbleached kraft pulp; Continuous type                            | t                                     | 16,916                    | ...  |
|  |   | クラフトパルプ・未ざらしバッチ式<br>Unbleached kraft pulp; Batch type                                | t                                     | 3                         | ...  |
| その他パルプ<br>Other pulp                           | t   | 2,180  | ...                                   |                           |      |
| リファイナー・碎木機<br>Refiner and grinder              | 基数 number   | 137  | ...                                   |                           |      |
| リファイナー・碎木機<br>Refiner and grinder              | t   | 154,379  | ...                                   |                           |      |

## 1. 月間生産能力及稼働率(続き) Monthly productive capacity and operating ratio (continued)

| 業種<br>Classification by industry   | 品目<br>Commodity                    | 単位<br>Unit   | 月間生産能力<br>Monthly productive capacity                                      | 稼働率(%)<br>Operating ratio |                      |           |
|--|------------------------------------|--|--|---------------------------|----------------------|-----------|
| パルプ・紙・紙加工品(続き)<br>Pulp, paper and paper products (continued)   | 紙 * 2<br>Paper                     | 抄紙機台数<br>Number of paper machine<br>t  | 565<br>1,359,058   | …<br>75.8                 |                      |           |
|  | 長網式<br>Fourdrinier type            | 抄紙機台数<br>Number of paper machine<br>t  | 102<br>203,080   | …<br>…                    |                      |           |
|  | ツインワイヤー式<br>Twin wire type         | 抄紙機台数<br>Number of paper machine<br>t  | 46<br>528,607  | …<br>…                    |                      |           |
|  | オントップ式<br>On-top type              | 抄紙機台数<br>Number of paper machine<br>t  | 52<br>464,967  | …<br>…                    |                      |           |
|  | その他<br>Other types                 | 抄紙機台数<br>Number of paper machine<br>t  | 365<br>162,404   | …<br>…                    |                      |           |
|  | 板紙<br>Paperboard                   | 抄紙機台数<br>Number of paper machine<br>t  | 132<br>1,071,420   | …<br>96.3                 |                      |           |
|  | まる網式<br>Cylinder type              | 抄紙機台数<br>Number of paper machine<br>t  | 42<br>68,421   | …<br>…                    |                      |           |
|  | オントップ式<br>On-top type              | 抄紙機台数<br>Number of paper machine<br>t  | 21<br>373,082  | …<br>…                    |                      |           |
|  | コンビネーション式<br>Combination type      | 抄紙機台数<br>Number of paper machine<br>t  | 26<br>186,253  | …<br>…                    |                      |           |
|  | その他<br>Other types                 | 抄紙機台数<br>Number of paper machine<br>t  | 43<br>443,664  | …<br>…                    |                      |           |
|  | 段ボールシート<br>Corrugated board sheets | コルゲータ台数<br>Number of corrugators<br>1000 m <sup>2</sup>                        | 274<br>1,022,662   | …<br>106.0                |                      |           |
|  | 紙おむつ<br>Disposable diaper          | 千枚<br>1000 sheets  | 2,935,524  | 70.0                      |                      |           |
|  | 化学工業<br>Chemical industry          | 化学肥料・石灰及びソーダ工業製品<br>Chemical fertilizers, lime and industrial sodium chemicals | アンモニア (NH <sub>3</sub> 100% 換算)<br>Ammonia (NH <sub>3</sub> conv. to 100%) | t/年 t/year<br>t           | 1,082,539<br>90,212  | …<br>69.5 |
|  |                                    |  | 硝酸 (98% 換算)<br>Nitric acid (conv. to 98%)                                  | t/年 t/year<br>t           | 741,880<br>61,823    | …<br>45.7 |
|  |                                    |  | か性ソーダ<br>Sodium hydroxide  | t/年 t/year<br>t           | 4,891,673<br>407,639 | …<br>83.1 |
| 液体塩素<br>Chlorine, liquid   |                                    |  | t/年 t/year<br>t  | 1,308,636<br>109,053      | …<br>38.9            |           |
| 合成塩酸 (35%換算) (塩酸ガスを含む)<br>Synthetic hydrochloric acid (conv. to 35%)<br>(including hydrochloric acid, gas) |                                    |  | t/年 t/year<br>t  | 1,631,370<br>135,948      | …<br>47.1            |           |
| 無機薬品・火薬類<br>Industrial inorganic chemicals and gunpowders  |                                    |  | ふっ化水素酸 (50% 換算値)<br>Hydrofluoric acid (conv. to 50%)                       | t                         | 10,660               | 56.0      |
|  |                                    | りん酸<br>Phosphoric acid   | t  | 18,090                    | 27.1                 |           |
|  |                                    | 水酸化カリウム<br>Potassium hydroxide   | t  | 19,292                    | 42.9                 |           |
|  |                                    | 酸化亜鉛<br>Zinc oxide   | t  | 7,676                     | 75.2                 |           |
|  |                                    | 酸化第二鉄<br>Ferric oxide  | t  | 18,264                    | 70.0                 |           |
|  |                                    | アゾ顔料<br>Azo pigment  | t  | 1,357                     | 50.9                 |           |

\* 2 紙の生産実績は、次の合計とする。

①加工原紙は生産からその他出荷を除く。 ②上記以外の品目は生産数量。

Notes2) Actual results of paper are the following totals.

①Regarding base paper for processing, "other shipments" are excluded from production.

②Figures of items other than the above-mentioned ones are those of production.

## 1. 月間生産能力及び稼働率(続き) Monthly productive capacity and operating ratio (continued)

| 業種<br>Classification by industry          | 品目<br>Commodity   | 単位<br>Unit   | 月間生産能力<br>Monthly productive capacity | 稼働率(%)<br>Operating ratio      |           |      |
|---|---|--|---------------------------------------|--------------------------------|-----------|------|
| 化学工業(続き)<br>Chemical industry (continued) | 無機薬品・火薬類(続き)<br>Industrial inorganic chemicals and gunpowders (continued) | 酸化チタン<br>Titanium oxide  | t                                     | 25,600                         | 62.0      |      |
|   |   | カーボンブラック<br>Carbon black                                       | t                                     | 57,142                         | 93.3      |      |
|   |   | 活性炭<br>Activated carbons                                       | t                                     | 8,945                          | 45.0      |      |
|   |   | 硫酸アルミニウム(14%固形換算値)<br>Aluminum sulfates (conv. to 14%)         | t                                     | 118,571                        | 39.6      |      |
|   |   | よう素<br>Iodine  | t                                     | 865                            | 88.6      |      |
|   |   | けい酸ナトリウム<br>Sodium silicate                                    | t                                     | 97,659                         | 31.0      |      |
|   |   | 過酸化水素(100%重量換算値)<br>Hydrogen peroxide (amount conv. to 100%)   | t                                     | 22,052                         | 67.2      |      |
|   |   | 硫酸<br>Sulfuric acid  | t                                     | 707,067                        | 71.2      |      |
|   |   | 高圧ガス<br>High pressure gas                                      | 酸素ガス(空気分留法)<br>Oxygen, gas            | 10 <sup>3</sup> m <sup>3</sup> | 1,604,560 | 59.4 |
|   |   |  | 液化酸素(空気分留法)<br>Oxygen, liquid         | 10 <sup>3</sup> m <sup>3</sup> | 107,486   | 57.2 |
|   | 溶解アセチレン<br>Dissolved acetylene  |  | t                                     | 2,991                          | 23.4      |      |
|   | 石油化学製品<br>Petrochemical products  | ポリエチレン(低密度) * 3<br>Polyethylene (PE) (low-density)             | t                                     | 199,055                        | 63.6      |      |
|   |   | ポリエチレン(高密度)<br>Polyethylene (PE) (high-density)                | t                                     | 92,823                         | 82.3      |      |
|   |   | ポリスチレン<br>Polystyrene (PS)                                     | t                                     | 153,299                        | 72.7      |      |
|   |   | ポリプロピレン<br>Polypropylene (PP)                                  | t                                     | 254,745                        | 67.7      |      |
|   |   | 石油樹脂<br>Petroleum resin  | t                                     | 11,398                         | 77.6      |      |
|   |   | 合成ゴム<br>Synthetic Rubber                                       | t                                     | 173,955                        | 81.1      |      |
|   |   | スチレンモノマー<br>Styrene monomer                                    | t                                     | 180,781                        | 91.0      |      |
|   |   | フェノール<br>Phenol  | t                                     | 60,140                         | 50.3      |      |
|   |   | ビスフェノールA<br>Bisphenol A  | t                                     | 40,934                         | 58.9      |      |
|   |   | 無水フタル酸(石油系)<br>Phthalic anhydride (petroleum base)             | t                                     | x                              | x         |      |
|   |   | テレフタル酸(高純度のもの)<br>Terephthalic acid (pure)                     | t                                     | x                              | x         |      |
|   |   | 純ベンゼン(非石油系を含む)<br>Benzene, pure (including non-petroleum base) | t                                     | 553,981                        | 58.2      |      |
|   |   | 純トルエン(非石油系を含む)<br>Toluene, pure (including non-petroleum base) | t                                     | 265,747                        | 68.5      |      |
|   |   | キシレン(非石油系を含む)<br>Xylenes (including non-petroleum base)        | t                                     | 974,672                        | 49.1      |      |
|   |   | オルソキシレン<br>Ortho-xylene  | t                                     | 18,633                         | 47.6      |      |
|   |   | パラキシレン<br>Para-xylene  | t                                     | 325,466                        | 85.9      |      |
|   |   | エチレン<br>Ethylene   | t                                     | 568,296                        | 87.3      |      |
|   |   | 酸化エチレン<br>Ethylene oxide                                       | t                                     | 80,431                         | 94.0      |      |
|   |   | エチレングリコール<br>Ethylene glycol                                   | t                                     | 70,215                         | 69.3      |      |
|   |   | エチレングリコールエーテル<br>Ethylene glycol ethers                        | t                                     | 10,700                         | 68.8      |      |

\* 3 ポリエチレン(低密度)は、エチレン・酢酸ビニルコポリマーを含む。  
Notes3) Polyethylene (low-density) includes ethylene-vinyl acetate copolymers.

## 1. 月間生産能力及び稼働率(続き) Monthly productive capacity and operating ratio (continued)

| 業種<br>Classification by industry          | 品目<br>Commodity                                  | 単位<br>Unit  | 月間生産能力<br>Monthly productive capacity  | 稼働率(%)<br>Operating ratio                               |  |         |      |
|---|--|---|--|---|--|---------|------|
| 化学工業(続き)<br>Chemical industry (continued) | 石油化学製品(続き)<br>Petrochemical products (continued) | アセトアルデヒド<br>Acetaldehyde  | t  | 24,670  | 30.8   |         |      |
|   |  | 酢酸(99%換算)<br>Acetic acid (conv. to 99%)                                     | t  | x   | x  |         |      |
|   |  | エチルアルコール<br>Ethyl alcohol (petroleum base)                                  | kl   | x   | x  |         |      |
|   |  | 二塩化エチレン<br>Ethylene dichloride  | t  | 333,132   | 79.2   |         |      |
|   |  | 酸化プロピレン<br>Propylene oxide  | t  | 32,750  | 90.8   |         |      |
|   |  | プロピレングリコール<br>Propylene glycol  | t  | x   | x  |         |      |
|   |  | ポリプロピレングリコール<br>Polypropylene glycol  | t  | 29,680  | 69.1   |         |      |
|   |  | エピクロロヒドリン<br>Epichlorohydrin  | t  | 12,720  | 92.8   |         |      |
|   |  | イソプロピルアルコール<br>Isopropyl alcohol  | t  | 19,800  | 77.6   |         |      |
|   |  | 合成アセトン<br>Acetone, synthetic  | t  | 43,237  | 51.2   |         |      |
|   |  | メチルイソブチルケトン<br>Methyl isobutyl ketone                                       | t  | 5,430   | 70.4   |         |      |
|   |  | アクリロニトリル<br>Acrylonitrile   | t  | 47,819  | 83.7   |         |      |
|   |  | アクリル酸エステル<br>Acrylic esters   | t  | 32,440  | 78.8   |         |      |
|   |  | 合成オクタノール<br>Octanol, synthetic  | t  | 31,430  | 54.8   |         |      |
|   |  | 合成ブタノール<br>Butanol, synthetic   | t  | 52,250  | 81.1   |         |      |
|   |  | メチルエチルケトン<br>Methyl ethyl ketone  | t  | 27,466  | 78.5   |         |      |
|   |  | ブタジエン<br>Butadiene  | t  | 91,366  | 77.3   |         |      |
|   |  | コールター及び合成染料・環式中間物<br>Coal tar products, cyclic chemicals and synthetic dyes | シクロヘキサン<br>Cyclohexane   | t   | 47,103   | 70.5    |      |
|   |  |   | 無水フタル酸<br>Phthalic anhydride   | 無水フタル酸(非石油系)<br>Phthalic anhydride (non-petroleum base) | t  | x       | x    |
|   |  |   |  | 無水フタル酸(石油系)<br>Phthalic anhydride (petroleum base)      | t  | x       | x    |
|   |  |   |  | 有機ゴム薬品<br>Rubber chemicals, organic                     | t  | 3,797   | 39.3 |
|   |  |   | 有機薬品及び写真感光材料<br>Industrial organic chemicals and sensitive materials for photography | エチルアルコール<br>Ethyl alcohol                               | 発酵エチルアルコール<br>Ethyl alcohol (non-petroleum base) | kl      | x    |
|   |  | エチルアルコール<br>Ethyl alcohol (petroleum base)                                  |  |   | kl   | x       | x    |
|   |  | ホルマリン<br>Formalin   |  |   | t  | 122,690 | 78.2 |
|   |  | フタル酸系可塑剤<br>Phthalate plasticizers  |  | t   | 39,514   | 53.7    |      |
|   |  | 写真フィルム<br>Photo film  |  | m <sup>2</sup>  | x  | x       |      |

## 1. 月間生産能力及び稼働率(続き) Monthly productive capacity and operating ratio (continued)

| 業種<br>Classification by industry          | 品目<br>Commodity  | 単位<br>Unit        | 月間生産能力<br>Monthly productive capacity | 稼働率(%)<br>Operating ratio |
|---|--|-------------------|---------------------------------------|---------------------------|
| 化学工業(続き)<br>Chemical industry (continued) | フェノール樹脂<br>Phenol-formaldehyde resins (PF)   | t                 | 40,712                                | 65.9                      |
|   | ユリア樹脂<br>Urea-formaldehyde resins (UF)   | t                 | 28,568                                | 17.0                      |
|   | メラミン樹脂<br>Melamine-formaldehyde resins (MF)  | t                 | 23,716                                | 29.7                      |
|   | 不飽和ポリエステル樹脂<br>Unsaturated polyester resins (UP)   | t                 | 16,888                                | 66.7                      |
|   | アルキド樹脂<br>Alkyd resins   | t                 | 14,356                                | 38.0                      |
|   | エポキシ樹脂<br>Epoxy resins (EP)  | t                 | 17,145                                | 68.4                      |
|   | プラスチック<br>Plastic (materials)  |                   |                                       |                           |
|   | メタクリル酸エステル(モノマー)<br>Methacrylate (monomer)   | t                 | 47,430                                | 86.8                      |
|   | メタクリル樹脂<br>Methacrylic resins  | t                 | 20,614                                | 69.7                      |
|   | 酢酸ビニル(モノマー)<br>Vinyl acetate (monomer)   | t                 | 54,600                                | 81.8                      |
|   | ポリビニルアルコール<br>Polyvinyl alcohol (PVAL)   | t                 | 23,950                                | 62.3                      |
|   | 塩化ビニル(モノマー)<br>Vinyl chlorides (monomer)   | t                 | 229,615                               | 102.4                     |
|   | 塩化ビニル樹脂<br>Polyvinyl chloride (PVC)  | t                 | 170,137                               | 78.6                      |
|   | カプロラクタム<br>Caprolactam   | t                 | 32,065                                | 65.4                      |
|   | ポリカーボネート<br>Polycarbonate  | t                 | 34,046                                | 66.8                      |
|   | ポリアセタール<br>Polyacetal  | t                 | 13,027                                | 90.6                      |
|   | 油脂製品、及びびび界面活性剤<br>Oil and fat products, soap, synthetic detergents and surface-active agents | * 4               |                                       |                           |
|   | 脂肪酸<br>Fatty acids   | t                 | 27,920                                | 35.5                      |
|   | 精製グリセリン<br>Refined glycerol  | t                 | 4,020                                 | 92.3                      |
|   | 石けん ☆<br>Soap  | t                 | 27,372                                | 41.8                      |
|   | 合成洗剤<br>Synthetic detergents   | t                 | 154,758                               | 69.6                      |
|   | 塗料<br>Paints   | t                 | 187,999                               | 54.0                      |
|   | 印刷インキ<br>Printing inks   | t                 | 44,447                                | 63.2                      |
| ゴム製品<br>Rubber products                   | 自動車用タイヤ(特殊車両用を除く)<br>Rubber tires for automobiles(except tires for special motor vehicles)   | 千本<br>1000 pieces | 13,690                                | 94.9                      |
| 繊維工業<br>Textiles                          | 化学繊維<br>Chemical fibers  | t                 | 114,355                               | 69.9                      |
|   | 再生・半合成繊維<br>Regenerated and semi-synthetic fibers  | t                 | 17,314                                | 99.8                      |
|   | 長繊維<br>Filament fibers   | t                 | 2,327                                 | 96.0                      |
|   | 短繊維<br>Staple fibers   | t                 | 14,987                                | 100.4                     |
|   | 合成繊維<br>Synthetic fibers   | t                 | 97,041                                | 64.6                      |
|   | 長繊維<br>Filament fibers   | t                 | 52,429                                | 66.3                      |
|   | 短繊維<br>Staple fibers   | t                 | 44,612                                | 62.6                      |
|   | ナイロン 長繊維<br>Nylon filament fibers  | t                 | 13,087                                | 64.2                      |
|   | アクリル 短繊維<br>Acrylic staple fibers  | t                 | 17,075                                | 67.0                      |

\* 4 脂肪酸は、直分脂肪酸のみの数値である。

Notes4) Fatty acids is the numerical value of only Split fatty acid.

## 1. 月間生産能力及び稼働率(続き) Monthly productive capacity and operating ratio (continued)

| 業種<br>Classification by industry   | 品目<br>Commodity   | 単位<br>Unit   | 月間生産能力<br>Monthly productive capacity              | 稼働率(%)<br>Operating ratio        |  |                   |         |     |
|--|---|--|--|----------------------------------|--|-------------------|---------|-----|
| 繊維工業(続き)<br>Textiles (continued)   | 化学繊維計(続き)<br>Chemical fibers total (continued)          | 合成繊維計(続き)<br>Synthetic fibers total (continued)    | ポリエステル<br>Polyester                                | t                                | 34,097                                       | 51.4              |         |     |
|  |   |  | 長繊維<br>Filament fibers                             | t                                | 17,453                                       | 59.3              |         |     |
|  |   |  | 短繊維<br>Staple fibers                               | t                                | 16,644                                       | 43.1              |         |     |
|  |   |  | ポリエチレン 長繊維<br>Polyethylene filament fibers         | t                                | 1,769  | 35.0              |         |     |
|  |   |  | ポリプロピレン<br>Polypropylene                           | t                                | 13,634                                       | 84.7              |         |     |
|  |   |  | 長繊維<br>Filament fibers                             | t                                | 8,611  | 63.9              |         |     |
|  |   |  | 短繊維<br>Staple fibers                               | t                                | 5,023  | 120.3             |         |     |
|  |   |  | その他の合成繊維<br>Other synthetic fibers                 | t                                | 17,379                                       | 75.8              |         |     |
|  |   |  | 長繊維<br>Filament fibers                             | t                                | 11,509                                       | 86.0              |         |     |
|  |   |  | 短繊維<br>Staple fibers                               | t                                | 5,870  | 55.8              |         |     |
|  |   |  | 紡績機<br>Spinning machinery                          | 月間延運転時間数<br>Spindles hours/month | 月末運転可能錠数<br>Spindles at the end of the month | 錠<br>spindles     | 878,102 | ... |
|  |   |  |  |                                  | 紡績機<br>Spinning machinery                    | 千時間<br>1000 hours | 309,071 | ... |
|  | 綿糸用<br>Cotton yarn                                      | 千時間<br>1000 hours                                  |  |                                  | 144,283                                      | ...               |         |     |
|  | 再生・半合成繊維糸用<br>Regenerated and semi-synthetic fiber yarn | 千時間<br>1000 hours                                  |  |                                  | 23,952                                       | ...               |         |     |
|  | 合成繊維糸用<br>Synthetic fiber yarn                          | 千時間<br>1000 hours                                  |  |                                  | 105,687                                      | ...               |         |     |
|  | 毛糸用<br>Worsted and woolen yarn                          | 千時間<br>1000 hours                                  |  |                                  | 34,470                                       | ...               |         |     |
|  | 麻糸用<br>Flax yarn  | 千時間<br>1000 hours                                  |  |                                  | 679  | ...               |         |     |
|  | 織物用機械<br>Machinery for woven fabrics                    | 一般織機(力織機)<br>General weaving machinery             |  |                                  | 台<br>number                                  | 17,080            | ...     |     |
|  |   |  | 月間平均実働台数<br>Monthly average of operating machinery | 14,427                           | ...  |                   |         |     |
|  |   |  | 無ひ織機<br>Shuttle less looms                         | 台<br>number                      | 12,834                                       | ...               |         |     |
|  |   |  | 月間平均実働台数<br>Monthly average of operating machinery | 11,511                           | ...  |                   |         |     |
|  |   |  | 有ひ織機<br>Shuttle looms                              | 台<br>number                      | 4,246  | ...               |         |     |
|  |   |  | 月間平均実働台数<br>Monthly average of operating machinery | 2,916                            | ...  |                   |         |     |
|  | タオル織機<br>Weaving machinery for towel                    | 台<br>number  | 1,226  | ...                              |  |                   |         |     |
|  |   | 月間平均実働台数<br>Monthly average of operating machinery | 884  | ...                              |  |                   |         |     |
|  | ニット・衣服縫製品<br>Knit and sewn clothing                     | たて編機<br>Warp knitting machines                     | 台<br>number  | 513                              | ...  |                   |         |     |
|  |   |  | 生産実績<br>Production results                         | kg                               | 2,672,759                                    | 85.1              |         |     |
| 丸編機(除靴下機)<br>Circular knitting machines (except socks and stocking knitting machine) |   | 台<br>number  | 2,391  | ...                              |  |                   |         |     |
|  |   | 生産実績<br>Production results                         | kg   | 3,658,071                        | 65.6   |                   |         |     |
| 横編機<br>Flat knitting machines  |   | 台<br>number  | 1,586  | ...                              |  |                   |         |     |
|  |   | 生産実績<br>Production results                         | kg   | 152,773                          | 63.1   |                   |         |     |
|  |   | kg   | 96,476   |                                  |  |                   |         |     |

## 1. 月間生産能力及び稼働率(続き) Monthly productive capacity and operating ratio (continued)

| 業種<br>Classification by industry                   | 品目<br>Commodity  | 単位<br>Unit                        | 月間生産能力<br>Monthly productive capacity                         | 稼働率(%)<br>Operating ratio |            |   |
|--|--|-----------------------------------|---|---------------------------|------------|---|
| ニット・衣服縫製品(続き)<br>Knit and sewn clothing(continued) | 靴下用丸編機<br>Circular knitting machines for socks and stocking      | 台 number<br>点 n                   | 8,218<br>28,735,263   | …<br>50.9                 |            |   |
|  | 生産実績<br>Production results                                       | 点 n                               | 14,630,817  |                           |            |   |
|  | 工業用動力マシン<br>Industrial sewing machines                           | 台 number<br>点 n                   | 54,326<br>21,470,125  | …<br>58.4                 |            |   |
|  | 生産実績<br>Production results                                       | 点 n                               | 12,548,078  |                           |            |   |
|  | タフテッドカーペット・フェルト・不織布<br>Tufted carpet, felt and non-woven fabrics | タフティングマシン<br>Tufting machines     | m <sup>2</sup>  | 6,661,906                 | …          |   |
|  |  | プレスフェルト用ハーダ(動力)<br>For press felt | kg  | 615,577                   | …          |   |
|  |  | 乾式<br>Dry laid                    | ケミカルボンド式<br>Chemical bond                                     | kg                        | 2,358,542  | … |
|  |  |                                   | サーマルボンド式<br>Thermal bond                                      | kg                        | 5,469,040  | … |
|  |  |                                   | ニードルパンチ式(ニードルフェルトを含む)<br>Needle punch (including needle felt) | kg                        | 8,928,189  | … |
|  |  |                                   | スパンボンド・メルトブロー式<br>Spun bond, melt blown                       | kg                        | 10,925,264 | … |
|  |  |                                   | スパンレース式<br>Spun lace  | kg                        | 5,133,200  | … |
|  |  |                                   | その他の乾式<br>Other dry laid                                      | kg                        | 2,421,700  | … |
|  |  |                                   | 湿式<br>Wet laid  | kg                        | 5,268,900  | … |
|  |  | ふとん<br>Futon                      | 枚 sheet   | 279,435                   | …          |   |
| その他の工業<br>Other products                           | 金属製事務用机<br>Metal office desks                                    | 個 n                               | 286,317   | …                         |            |   |
|  | 金属製回転式いす<br>Metal swivel chairs                                  | 個 n                               | 296,055   | …                         |            |   |
|  | ボールペン(インキング・マシン)<br>Ballpoint pens (inking machine)              | 千本 1000 n                         | 266,291   | …                         |            |   |
|  | (中芯月間生産実績)<br>(Monthly production results of refills)            | 千本 1000 n                         | 141,547   | …                         |            |   |
| 鉱業・石炭石油製品<br>Mining, petroleum and coal products   | コークス<br>Coal coke  | 乾量 t dry t                        | 4,044,884   | 65.9                      |            |   |

注 稼働率の算式について

稼働率=(月間生産量/月間生産能力)\*100 で表示した。

ただし、次の品目については、以下のとおり。

- 1 素板ガラス=(素板ガラス月間生産量/素板ガラス月間生産能力)\*100
- 2 ガラス短繊維=(原繊維生産量/原繊維月間生産能力)\*100
- 3 ガラス長繊維=(原繊維生産量/原繊維月間生産能力)\*100
- 4 セメント=(クリンカの月間生産量/クリンカ月間生産能力)\*100
- 5 耐火レンガ(トンネル炉)=(トンネル炉月間生産量/トンネル炉月間生産能力)\*100
- 6 耐火レンガ(その他の炉)=(その他の炉月間生産量/その他の炉月間生産能力)\*100
- 7 ガラス製品(光学用ガラス素地)=(光学用ガラス素地月間引き出し量/光学用ガラス素地月間生産能力)\*100
- 8 ガラス製品(容器類)=(容器類月間引き出し量/容器類月間生産能力)\*100
- 9 紙計=((紙生産数量計-加工原紙その他出荷)/紙計月間生産能力)\*100
- 10 自動車用タイヤ=(自動車用タイヤ月間生産本数/自動車用タイヤ月間生産能力)\*100



## 2. 機械統計等生産能力指数

(平成22年 = 100)

## Indices of machinery and fabricated metal productive capacity

(2010 = 100)

| 業種<br>Classification by industry                                  | 品目<br>Commodity  | 平成30年6月<br>Jun. 2018                                      | 平成30年7月<br>Jul. 2018 |      |
|---|--|---|----------------------|------|
| はん用機械工業<br>General-purpose machinery                              | 内燃機関<br>Internal combustion engines                      | 90.6  | 90.6                 |      |
|   | ポンプ<br>Pumps   | 98.4  | 98.4                 |      |
|   | 油圧ポンプ<br>Oil-hydraulic pumps                             | 98.0  | 98.0                 |      |
|   | 空気圧シリンダ<br>Pneumatic cylinders                           | 147.3   | 147.3                |      |
|   | 空気圧バルブ<br>Pneumatic valves                               | 132.0   | 132.0                |      |
|   | パッケージ型エアコン<br>Packaged type air conditioners             | 103.8   | 103.8                |      |
|   | 冷凍・冷蔵ショーケース<br>Refrigerating display cabinets            | 96.2  | 96.1                 |      |
|   | 軸受<br>Bearings   | 101.5   | 101.5                |      |
|   | 生産用機械工業<br>Production machinery                          | ブルドーザ<br>Bulldozers                                       | x                    | x    |
| 建設用クレーン<br>Construction cranes                                    |  | 131.5   | 131.5                |      |
| ショベル系掘削機械<br>Shovel type excavators                               |  | 117.6   | 117.6                |      |
| ショベルトラック<br>Shovel trucks   |  | 79.8  | 79.8                 |      |
| 装輪式トラクタ<br>Wheel tractors   |  | 90.7  | 90.7                 |      |
| 動力耕うん機<br>Power tillers   |  | 85.8  | 85.8                 |      |
| コンバイン<br>Combines   |  | 91.6  | 91.6                 |      |
| 金属工作機械<br>Metal cutting machinery                                 |  | 120.3   | 120.1                |      |
| 繊維機械<br>Textile machinery   |  | 98.3  | 98.3                 |      |
| 工業用ミシン<br>Industrial sewing machines                              |  | 93.1  | 92.0                 |      |
| 電動工具<br>Electric tools  |  | 92.4  | 92.4                 |      |
| 射出成形機<br>Injection molding machines                               |  | 101.6   | 101.6                |      |
| 業務用機械工業<br>Business oriented machinery                            |  | ガスメータ<br>Gas-meters                                       | 86.3                 | 86.3 |
|   |  | デジタル・フルカラー複写機<br>Digital and full color copying machines  | 31.6                 | 31.6 |
|   |  | 飲料用自動販売機<br>Beverage vending machines                     | 79.9                 | 79.9 |
| 電子部品・デバイス工業<br>Electronic parts and devices                       | 固定コンデンサ<br>Fixed capacitors                              | 121.0   | 121.0                |      |
|   | リジッドプリント配線板<br>Rigid printed wiring boards               | 77.1  | 77.9                 |      |
|   | 磁気テープ<br>Magnetic tapes                                  | 53.3  | 53.3                 |      |
|   | アクティブ型液晶素子<br>Active matrix LCDs                         | 120.7   | 120.7                |      |
|   | パッシブ型液晶素子<br>Passive matrix LCDs                         | 28.0  | 28.0                 |      |
|   | トランジスタ<br>Transistors                                    | 51.0  | 51.0                 |      |
|   | 太陽電池セル<br>Solar battery cells                            | 126.5   | 126.1                |      |
|   | モス型半導体集積回路(ウエハ)<br>Metal oxide semiconductor ICs (wafer) | 106.9   | 106.7                |      |
|   | 電気機械工業<br>Electrical machinery                           | 標準三相誘導電動機<br>Three phase induction motors for general use | 97.7                 | 97.7 |
| 非標準三相誘導電動機<br>Three phase induction motors for individual purpose |  | 99.7  | 99.7                 |      |
| 標準変圧器<br>Power distribution transformers                          |  | 121.9   | 122.0                |      |

資料出所 「鉱工業指数確報」(調査統計グループ 経済解析室)

Data source: Indices of Industrial Production (Revised Report)(Economic Analysis Office, Research and Statistics Department)

## 2. 機械統計等生産能力指数(続き)

(平成22年 = 100)

## Indices of machinery and fabricated metal productive capacity (continued)

(2010 = 100)

| 業種<br>Classification by industry                  | 品目<br>Commodity  | 平成30年6月<br>Jun. 2018                                     | 平成30年7月<br>Jul. 2018 |       |
|---|--|--|----------------------|-------|
| 電気機械工業(続き)<br>Electrical machinery<br>(continued) | 非標準変圧器<br>Power transformers   | 70.4   | 70.4                 |       |
|   | セパレート形エアコン<br>Separate type air conditioners                                 | 105.1  | 105.1                |       |
|   | 食器洗い乾燥機<br>Automatic dish washers and driers                                 | 106.7  | 106.7                |       |
|   | 電気冷蔵庫<br>Electric refrigerators  | 103.8  | 103.8                |       |
|   | クッキングヒーター<br>Electric cooktops   | 98.7   | 98.7                 |       |
|   | 電気温水器<br>Electric storage tank water heaters                                 | 84.9   | 84.9                 |       |
|   | 自然冷媒ヒートポンプ式給湯機<br>Natural coolant heat pump formula hot-water supply machine | 94.8   | 94.8                 |       |
|   | 電気掃除機<br>Electric vacuum machines  | 99.9   | 99.9                 |       |
|   | 蛍光灯(液晶パネル用バックライトを含む)<br>Fluorescent lamps                                    | 30.1   | 30.1                 |       |
|   | 電力量計<br>Watt-hour meters   | 381.4  | 381.4                |       |
|   | 工業用計測制御機器<br>Industrial measuring equipment instruments                      | 88.6   | 88.6                 |       |
|   | 鉛蓄電池<br>Lead acid (storage) batteries  | 92.4   | 92.4                 |       |
|   | アルカリ蓄電池<br>Alkaline storage batteries  | 98.8   | 98.8                 |       |
|   | リチウムイオン蓄電池<br>Small sized sealed lithium ion rechargeable batteries          | 140.0  | 140.0                |       |
|   | 情報通信機械工業<br>Information and communication<br>electronics equipment           | 電話機<br>Telephone sets                                    | 38.7                 | 38.7  |
|   |  | ボタン電話装置<br>Key system telephone equipment                | 94.3                 | 94.3  |
|   |  | 電子交換機<br>Electronic switching system                     | 42.7                 | 42.7  |
| 搬送装置<br>Carrier transmission equipment            |  | 88.5   | 88.5                 |       |
| 薄型テレビ<br>Flat panel television                    |  | 29.7   | 29.7                 |       |
| ビデオカメラ<br>Video camera                            |  | 10.1   | 10.1                 |       |
| デジタルカメラ<br>Digital still camera                   |  | 25.9   | 25.9                 |       |
| カーナビゲーションシステム<br>Car navigation system            |  | 68.9   | 68.9                 |       |
| パーソナルコンピュータ<br>Personal computers                 |  | 91.4   | 91.4                 |       |
| システム式金銭登録機<br>System use cash registers           |  | x  | x                    |       |
| 輸送機械工業<br>Transport equipment                     |  | 乗用車<br>Passenger cars                                    | 97.8                 | 97.8  |
|   |  | 普通トラック・けん引車・バス<br>Large trucks, tractor trucks and buses | 93.3                 | 93.3  |
|   | 軽・小型トラック<br>Midget and small trucks  | 76.2   | 76.2                 |       |
|   | 輸送機械用エアコン<br>Air conditioners for transportation machines                    | 100.0  | 100.0                |       |
|   | 二輪自動車<br>Motorcycles   | 94.8   | 94.8                 |       |
|   | フォークリフトトラック<br>Forklift trucks   | 78.4   | 78.4                 |       |
|   | 金属製品工業<br>Fabricated metal   | 超硬チップ<br>Cemented carbide tips                           | 101.4                | 101.4 |
| その他工業<br>Other manufacturing                      |  | 97.7   | 97.7                 |       |
|   | 時計<br>Watches and clocks   |  |                      |       |

## 2. 機械統計等生産能力指数(続き)

(平成22年 = 100)

## Indices of machinery and fabricated metal productive capacity (continued)

(2010 = 100)

| 業種<br>Classification by industry            | 品目<br>Commodity                                      | 平成30年6月<br>Jun. 2018 | 平成30年7月<br>Jul. 2018 |
|---|--|----------------------|----------------------|
| 金属製品工業<br>Fabricated metal                  | 鉄骨・橋りょう<br>Structural steel frames and steel bridges | 88.3                 | 88.3                 |
|   | 線ばね<br>Wire springs                                  | 100.1                | 100.1                |
|   | ダイカスト<br>Die castings                                | 101.1                | 101.1                |
| 電子部品・デバイス工業<br>Electronic parts and devices | シリコンウエハ<br>Silicon wafers                            | x                    | x                    |

資料出所「鉱工業指数確報」(調査統計グループ 経済解析室)

Data source: Indices of Industrial Production (Revised Report)(Economic Analysis Office, Research and Statistics Department)

|   |   |       |       |
|---|---|-------|-------|
| 金属製品工業<br>Fabricated metal                  | かさね板ばね<br>Leaf springs  | 90.5  | 90.5  |
| 電気機械工業<br>Electrical machinery              | 電気洗濯機<br>Electric washing machines  | 58.4  | 58.4  |
|   | HIDランプ<br>High intensity discharge lamps                                  | 141.6 | 141.6 |
| 電子部品・デバイス工業<br>Electronic parts and devices | バイポーラ型半導体集積回路(ウエハ)<br>Semiconductor integrated circuit bipolar ICs(wafer) | 62.4  | 62.8  |

品目別接続係数について（平成30年7月発生分）

Continuity Coefficients by Commodity (July, 2018)

調査対象事業所の見直し等により、発生年月以前の数値と発生年月以降の数値をそのまま比較出来ない品目があります。これらの品目については、以下の接続係数を発生年月の前月以前の数値に乗じて、発生年月以降の数値と接続してご利用ください。過去に発生したリンク係数については、ホームページにて「時系列表」や「過去の公表物」のリンク係数を参照してください。

Several goods cannot be compared before and after the break date.

For these goods, multiply the figures before the break date by the following connecting coefficients and connect these figures to the figures after the break date.

Please refer to the time series for the link coefficient that occurred in the past on a homepage.

(1)生産・出荷・在庫統計 Production, Producer's Shipments and Producer's Inventories of Finished Goods

はん用・生産用・業務用機械 General-purpose, production and business oriented machinery

| 調査票番号<br>Questionnaire number | 調査票・品目名<br>Questionnaire Goods   | 生産<br>Production |                          |             | 出荷(販売)<br>Shipments sales |                          |             | 在庫<br>Inventory |                          |
|-------------------------------|--|------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|-----------------|--------------------------|
|                               |  | 数量<br>Quantity   | 重量・容量<br>Weight・Capacity | 金額<br>Value | 数量<br>Quantity            | 重量・容量<br>Weight・Capacity | 金額<br>Value | 数量<br>Quantity  | 重量・容量<br>Weight・Capacity |
| 2010                          | ボイラ及び原動機(自動車用、二輪自動車用、鉄道車両用及び航空機用のものを除く)<br>Boilers and power units (except engines for motor vehicles, motor cycles, railroad cars and aircraft) |                  |                          |             |                           |                          |             |                 |                          |
|                               | ボイラ及び原動機(自動車用、二輪自動車用、鉄道車両用及び航空機用のものを除く)<br>Boilers and power units (except engines for motor vehicles, motor cycles, railroad cars and aircraft) |                  |                          |             |                           |                          |             |                 |                          |
|                               | 内燃機関<br>Internal combustion engines  |                  |                          |             |                           |                          |             |                 |                          |
|                               | はん用内燃機関<br>Internal combustion engines for industry  |                  |                          |             |                           |                          |             | 0.967           | 0.956                    |
|                               | ガソリン機関<br>Gasoline engines   |                  |                          |             |                           |                          | 1.032       | 0.956           | 0.784                    |
|                               | 3PS以上<br>Greater than or equal to 3PS  |                  |                          |             |                           |                          | 1.042       | 0.835           | 0.716                    |
|                               | 4サイクル<br>Four stroke-cycle gasoline engines  |                  |                          |             |                           |                          | 1.064       | 0.822           | 0.710                    |

化学工業 Chemical industry

| 調査票番号<br>Questionnaire number | 調査票・品目名<br>Questionnaire Goods  | 生産<br>Production |                          |             | 出荷(販売)<br>Shipments sales |                          |             | 在庫<br>Inventory |                          |
|-------------------------------|---|------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|-----------------|--------------------------|
|                               |   | 数量<br>Quantity   | 重量・容量<br>Weight・Capacity | 金額<br>Value | 数量<br>Quantity            | 重量・容量<br>Weight・Capacity | 金額<br>Value | 数量<br>Quantity  | 重量・容量<br>Weight・Capacity |
| 6100                          | 石油化学製品<br>Petrochemical products  |                  |                          |             |                           |                          |             |                 |                          |
|                               | 純ベンゼン(非石油系を含む)<br>Benzene, pure (including non-petroleum base)                                      |                  | 0.937                    |             |                           |                          |             |                 |                          |
| 6171                          | 油脂製品、石けん・合成洗剤等及び界面活性剤<br>Oil and fat products, soap, synthetic detergents and surface-active agents |                  |                          |             |                           |                          |             |                 |                          |
|                               | 石けん<br>Soap   |                  | 0.964                    |             |                           |                          |             |                 | 0.928                    |
|                               | 浴用・固形<br>Toilet soap, solid   |                  | 0.851                    |             |                           | 0.908                    | 0.953       |                 | 0.855                    |

(2)生産能力統計 Productive capacity

化学工業 Chemical industry

| 調査票番号<br>Questionnaire number | 調査票・品目名<br>Questionnaire Goods  | 月間生産能力<br>Monthly productive capacity | 生産実績<br>Production results |
|-------------------------------|---|---------------------------------------|----------------------------|
| 6171                          | 油脂製品、石けん・合成洗剤等及び界面活性剤<br>Oil and fat products, soap, synthetic detergents and surface-active agents |                                       |                            |
|                               | 石けん<br>Soap   | 0.965                                 | 0.964                      |