| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Precious, synthetic, and imitation stones, including pearls | | | | | | | 81 | 62 | 13 | 95 | 74 | 365 |
| GROUP 6.—METALS AND MANUFACTURES, EXCEPT MACHINERY AND VEHICLES | | | | | | | | | | | | |
| Total | | | | | | | 462, 501 | 151, 077 | 107, 034 | 189, 345 | 194, 559 | 233, 928 |
| **Iron ore** 1,000 tons of 2,240 lbs | 1, 021 | 389 | 155 | 609 | 661 | 645 | 3, 823 | 1, 336 | 647 | 2, 243 | 1, 913 | 1, 963 |
| **Iron and steel semimanufactures** | | | | | | | 90, 192 | 37, 961 | 25, 789 | 56, 901 | 60, 323 | 79, 845 |
| Pig iron, not containing alloys tons of 2,240 lbs | 44, 182 | 3, 999 | 2, 750 | 4, 096 | 4, 107 | 5, 316 | 808 | 92 | 64 | 97 | 96 | 119 |
| Iron and steel scrap (including tin-plate scrap) tons of 2,240 lbs | 355, 178 | 1, 010, 331 | 773, 406 | 1, 835, 170 | 2, 079, 434 | 1, 892, 511 | 5, 097 | 10, 276 | 6, 874 | 19, 188 | 21, 500 | 22, 048 |
| Waste—waste tin plate do | | [9] 24, 525 | | | 24, 525 | 44, 621 | | [9] 1, 449 | | | 1, 449 | 2, 636 |
| Steel ingots, blooms, billets, slabs, and sheet bars tons of 2,240 lbs | 20, 771 | 14, 424 | 3, 159 | 19, 586 | 39, 782 | 21, 400 | 846 | 398 | 114 | 577 | 901 | 607 |
| Iron and steel bars and rods: | | | | | | | | | | | | |
| Iron bars 1,000 lbs | 9, 932 | 2, 021 | 1, 509 | 2, 249 | 2, 688 | 2, 261 | 353 | 78 | 55 | 84 | 110 | 94 |
| Concrete reinforcement bars do | 322, 533 | 83, 996 | 53, 866 | 102, 748 | 123, 431 | 8, 047 | 9, 148 | 2, 234 | 1, 398 | 2, 651 | 3, 214 | 161 |
| Other steel bars do | | | | | | 116, 621 | | | | | | 3, 214 |
| Wire rods do | 70, 078 | 50, 912 | 37, 803 | 53, 160 | 58, 447 | 78, 113 | 1, 518 | 863 | 608 | 815 | 1, 013 | 1, 328 |
| Iron and steel plates, sheets, skelp, and strips: | | | | | | | | | | | | |
| Boiler plate 1,000 lbs | 24, 488 | 2, 274 | 1, 851 | 3, 503 | 3, 067 | 7, 854 | 508 | 62 | 40 | 107 | 84 | 209 |
| Other plates, not fabricated do | 307, 326 | 63, 399 | 28, 961 | 76, 670 | 96, 117 | 206, 860 | 7, 073 | 1, 269 | 592 | 1, 505 | 1, 894 | 4, 253 |
| Skelp iron or steel do | 254, 483 | 101, 710 | 52, 102 | 128, 501 | 144, 302 | 157, 253 | 4, 844 | 1, 669 | 822 | 2, 099 | 2, 146 | 2, 279 |
| Iron or steel sheets, galvanized do | 326, 161 | 123, 576 | 120, 637 | 153, 527 | 167, 993 | 141, 580 | 14, 422 | 3, 959 | 3, 682 | 4, 630 | 5, 208 | 4, 689 |
| Iron sheets, galvanized do | [2] 14, 038 | 4, 575 | 2, 606 | 3, 194 | 4, 360 | 3, 923 | [2] 812 | 238 | 126 | 153 | 211 | 176 |
| Steel sheets, galvanized do | [2] 195, 369 | 119, 001 | 118, 032 | 150, 333 | 163, 633 | 137, 657 | [27] 7, 986 | 3, 721 | 3, 556 | 4, 477 | 4, 997 | 4, 513 |
| Steel sheets, black do | 366, 943 | 160, 665 | 83, 055 | 203, 846 | 225, 082 | 313, 954 | 12, 922 | 4, 960 | 2, 465 | 6, 025 | 6, 550 | 10, 003 |
| Iron sheets, black do | 35, 851 | 9, 069 | 6, 162 | 9, 687 | 11, 611 | 15, 600 | 1, 603 | 297 | 196 | 317 | 350 | 455 |
| Strip, hoop, band, and scroll iron or steel: | | | | | | | | | | | | |
| Cold rolled do | 32, 284 | 25, 448 | 17, 992 | 31, 744 | 45, 126 | 50, 767 | 1, 258 | 895 | 624 | 1, 110 | 1, 502 | 1, 924 |
| Hot rolled do | 83, 449 | 37, 371 | 27, 368 | 33, 907 | 54, 900 | 87, 911 | 2, 402 | 886 | 603 | 823 | 1, 283 | 2, 073 |
| Tin plate, terneplate, and tagger's tin do | 550, 948 | 241, 215 | 213, 335 | 413, 618 | 301, 279 | 535, 092 | 27, 388 | 9, 732 | 7, 650 | 16, 873 | 13, 022 | 23, 753 |
| **Steel-mill products—Manufactures** | | | | | | | 80, 475 | 24, 970 | 19, 742 | 31, 777 | 28, 082 | 32, 014 |
| Structural iron and steel: | | | | | | | | | | | | |
| Water, oil, gas, and other tanks, complete, and knocked down material for 1,000 lbs | [2] 45, 898 | 15, 727 | 6, 896 | 17, 589 | 19, 465 | 48, 326 | [2] 2, 387 | 599 | 305 | 596 | 696 | 1, 733 |
| Structural shapes: | | | | | | | | | | | | |
| Not fabricated tons of 2,240 lbs | 187, 406 | 37, 146 | 14, 089 | 31, 392 | 36, 656 | 62, 077 | 8, 376 | 1, 476 | 535 | 1, 322 | 1, 494 | 2, 584 |
| Fabricated do | 44, 727 | 16, 109 | 13, 893 | 18, 173 | 14, 980 | 20, 914 | 4, 169 | 1, 296 | 940 | 1, 391 | 1, 191 | 1, 724 |
| Plates fabricated, punched or shaped 1,000 lbs | 12, 875 | 3, 679 | 3, 137 | 5, 836 | 3, 608 | 7, 659 | 381 | 93 | 82 | 135 | 102 | 205 |
| Metal lath do | 11, 394 | 3, 068 | 2, 254 | 2, 493 | 1, 904 | 2, 097 | 800 | 194 | 135 | 159 | 144 | 161 |
| Frames, sashes, and sheet piling do | 90, 833 | 10, 787 | 6, 820 | 6, 487 | 10, 812 | 8, 291 | 3, 407 | 275 | 184 | 178 | 320 | 275 |

[2] 1930 only. [5] Average for years 1933–35. [9] 1935 only. [12] Average for years 1927–30. [27] Includes graphite, refined and manufactures, if any, prior to 1936 and crucibles for years 1932 to 1935.

## No. 528.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

| Group and article | Quantity | | | | | | Value in thousands of dollars | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1926–1930 | 1931–1936 | 1933 | 1934 | 1935 | 1936 | 1926–1930 | 1931–1936 | 1933 | 1934 | 1935 | 1936 |
| Group 6. Metals and manufactures—Contd. | | | | | | | | | | | | |
| **Steel-mill products—Manufactures—Continued.** | | | | | | | | | | | | |
| Railway track material: | | | | | | | | | | | | |
| Rails ... tons of 2,240 lbs. | 159,463 | 41,348 | 41,481 | 69,159 | 51,672 | 73,455 | 6,053 | 1,304 | 1,227 | 2,121 | 1,455 | 2,085 |
| 60 pounds and over per yard [28] ... do. | 141,336 | 36,963 | 37,629 | 63,505 | 47,915 | 67,568 | 5,399 | 1,164 | 1,105 | 1,953 | 1,357 | 1,902 |
| Less than 60 pounds per yard [28] ... do. | 18,126 | 4,385 | 3,852 | 5,654 | 3,757 | 5,887 | 654 | 140 | 122 | 169 | 97 | 183 |
| Rail joints, splice bars, fishplates, and tie-plates ... 1,000 lbs. | 48,880 | 14,535 | 20,446 | 23,817 | 13,033 | 17,890 | 1,461 | 379 | 478 | 596 | 324 | 426 |
| Switches, frogs, and crossings ... do. | 13,163 | 2,669 | 1,692 | 3,934 | 3,216 | 3,893 | 1,020 | 192 | 94 | 263 | 235 | 295 |
| Railroad spikes ... do. | 9,701 | 4,461 | 5,319 | 7,289 | 5,548 | 5,538 | 303 | 135 | 192 | 225 | 144 | 134 |
| Railroad bolts, nuts, washers, and nut locks ... 1,000 lbs. | 4,525 | 1,893 | 2,862 | 2,883 | 1,248 | 1,782 | 284 | 120 | 174 | 162 | 68 | 91 |
| Tubular products and fittings: | | | | | | | | | | | | |
| Boiler tubes ... do. | 38,577 | 14,137 | 8,778 | 18,470 | 19,364 | 16,546 | 2,149 | 835 | 483 | 1,085 | 1,154 | 1,338 |
| Casing and oil line pipe ... do. | 234,593 | 71,360 | 87,820 | 127,930 | 53,135 | 63,638 | 10,377 | 3,152 | 3,431 | 5,666 | 2,402 | 2,760 |
| Seamless black pipe, other than casing and oil-line ... 1,000 lbs. | ---------- | [11] 4,142 | 3,151 | 5,981 | 6,095 | 8,790 | ---------- | [11] 245 | 195 | 323 | 365 | 586 |
| Welded black pipe ... do. | 184,237 | 46,756 | 34,228 | 48,518 | 41,020 | 31,000 | 7,322 | 1,613 | 1,017 | 1,621 | 1,463 | 1,192 |
| Welded galvanized pipe ... do. | 89,705 | 47,149 | 45,823 | 54,873 | 40,499 | 25,527 | 3,863 | 1,727 | 1,477 | 2,031 | 1,448 | 989 |
| Malleable iron screwed pipe fittings ... do. | 25,006 | 6,780 | 5,600 | 6,676 | 7,763 | 8,192 | 3,343 | 912 | 666 | 955 | 1,051 | 1,029 |
| Cast-iron screwed pipe fittings ... do. | 20,564 | 3,916 | 2,979 | 5,916 | 4,203 | 4,659 | 1,725 | 365 | 246 | 479 | 390 | 552 |
| Cast-iron pressure pipe and fittings ... do. | 27,299 | 20,510 | 14,834 | 23,105 | 24,925 | 26,723 | 1,173 | 480 | 323 | 580 | 627 | 701 |
| Cast-iron soil pipe and fittings ... do. | 30,243 | 9,811 | 8,195 | 10,631 | 10,094 | 13,310 | 1,019 | 314 | 232 | 376 | 291 | 361 |
| Riveted steel or iron pipe and fittings ... do. | ---------- | [11] 716 | 315 | 1,120 | 1,067 | 2,514 | ---------- | [11] 55 | 24 | 84 | 78 | 150 |
| Wire and manufactures: | | | | | | | | | | | | |
| Plain iron or steel wire ... do. | 37,009 | 23,858 | 21,397 | 34,338 | 40,785 | 56,469 | 1,634 | 716 | 569 | 978 | 1,067 | 1,601 |
| Galvanized wire ... do. | 45,820 | 29,926 | 27,702 | 47,464 | 46,718 | 49,607 | 1,315 | 739 | 639 | 1,236 | 1,147 | 1,305 |
| Barbed wire ... do. | 115,235 | 60,612 | 65,060 | 80,811 | 71,597 | 76,254 | 3,310 | 1,423 | 1,508 | 2,053 | 1,714 | 1,901 |
| Woven-wire fencing ... do. | 10,678 | 3,626 | 2,025 | 3,073 | 4,881 | 5,823 | 586 | 166 | 90 | 139 | 215 | 276 |
| Woven-wire screen cloth ... do. | 4,200 | 1,893 | 1,619 | 2,159 | 2,330 | 2,537 | 685 | 264 | 215 | 286 | 324 | 392 |
| Wire rope ... do. | 11,732 | 5,827 | 4,951 | 6,005 | 9,050 | 7,293 | 1,505 | 651 | 508 | 716 | 956 | 832 |
| Insulated iron or steel wire and cable ... do. | 1,559 | 251 | 55 | 158 | 179 | 216 | 259 | 39 | 7 | 24 | 28 | 49 |
| Other wire and manufactures ... do. | 20,701 | 9,053 | 6,382 | 10,529 | 13,307 | 11,793 | 2,029 | 884 | 651 | 996 | 1,249 | 1,182 |
| Nails and bolts (except railroad): | | | | | | | | | | | | |
| Wire nails ... do. | 25,866 | 22,838 | 22,958 | 29,568 | 24,956 | 17,471 | 801 | 546 | 509 | 748 | 616 | 473 |
| Horseshoe nails ... do. | 2,193 | 1,499 | 1,326 | 1,757 | 1,513 | 1,650 | 244 | 156 | 135 | 186 | 154 | 166 |
| Tacks (except thumb tacks) ... do. | 1,643 | 1,020 | 996 | 1,116 | 911 | 763 | 231 | 120 | 117 | 134 | 105 | 85 |
| Other nails, including staples ... do. | 15,146 | 6,349 | 6,561 | 8,183 | 5,866 | 4,996 | 1,088 | 256 | 224 | 297 | 245 | 226 |
| Bolts, machine screws, nuts, rivets, and washers, except railroad ... 1,000 lbs. | 29,163 | 10,199 | 8,244 | 11,526 | 14,270 | 15,151 | 2,476 | 1,074 | 809 | 1,340 | 1,545 | 1,610 |
| Castings and forgings: | | | | | | | | | | | | |
| Iron castings ... do. | 22,495 | 12,574 | 9,418 | 15,623 | 20,525 | 15,843 | 1,436 | 590 | 422 | 667 | 798 | 744 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Steel castings ... do | 19,928 | 4,642 | 2,140 | 5,483 | 6,008 | 7,350 | 2,289 | 477 | 209 | 575 | 570 | 678 |
| Car wheels, tires, and axles ... do | 38,885 | 17,375 | 8,884 | 16,143 | 41,238 | 18,592 | 1,354 | 488 | 239 | 449 | 1,113 | 576 |
| Horseshoes and calks ... do | 1,041 | 345 | 323 | 390 | 447 | 269 | 73 | 20 | 23 | 20 | 23 | 16 |
| Iron and steel forgings n. e. s. ... do | 17,811 | 11,087 | 7,052 | 9,460 | 14,097 | 8,643 | 1,459 | 660 | 424 | 584 | 773 | 532 |
| **Iron and steel, advanced manufactures** | | | | | | | **78,177** | **27,160** | **19,970** | **27,745** | **31,192** | **37,948** |
| **Cutlery** | | | | | | | **9,687** | **2,273** | **1,979** | **2,102** | **2,220** | **2,598** |
| Razors, safety ... 1,000 doz | 374 | 74 | 39 | 29 | 45 | 41 | 662 | 148 | 103 | 98 | 167 | 96 |
| Safety-razor blades ... do | 10,690 | 3,010 | 2,360 | 1,780 | 2,475 | 3,891 | 6,818 | 924 | 798 | 462 | 513 | 735 |
| Scissors, shears, and snips ... dozens | 31,112 | 11,409 | 6,182 | 13,598 | 17,734 | 19,041 | 144 | 83 | 49 | 97 | 118 | 141 |
| Table cutlery, including forks [29] ... 1,000 doz | | | | | | 94 | | | | | | 85 |
| Butchers' and kitchen knives, forks, cleavers, and steels [29] ... 1,000 doz | 397 | 115 | 102 | 149 | 149 | 69 | 538 | 134 | 108 | 159 | 159 | 123 |
| Other cutlery and parts ... do | | | | | | | 1,526 | 984 | 921 | 1,286 | 1,263 | 1,418 |
| Hollow ware: | | | | | | | | | | | | |
| Tin and galvanized hollow ware ... 1,000 lbs | 6,495 | 3,079 | 2,997 | 2,798 | 3,045 | 3,577 | 802 | 335 | 293 | 313 | 348 | 429 |
| Tin cans, finished or unfinished ... do | 10,061 | 7,427 | 5,015 | 10,221 | 8,495 | 9,831 | 1,103 | 821 | 572 | 1,003 | 949 | 1,118 |
| Enameled ware of iron or steel: | | | | | | | | | | | | |
| Bathtubs ... number | 18,427 | 6,388 | 4,981 | 8,019 | 9,647 | 11,885 | 641 | 170 | 124 | 204 | 241 | 313 |
| Lavatories, sinks and other plumbing fixtures ... number | 52,164 | 22,724 | 21,723 | 22,117 | 25,466 | 37,560 | 601 | 186 | 156 | 171 | 198 | 343 |
| Table, household, kitchen, and hospital utensils, and hollow or flat ware ... 1,000 lbs | [12] 2,814 | 926 | 501 | 918 | 956 | 1,755 | 549 | 162 | 84 | 163 | 177 | 290 |
| Metal furniture and fixtures: | | | | | | | | | | | | |
| Sheet-metal lockers and storage cabinets ... number | | 6,923 | 4,790 | 5,569 | 8,516 | 12,467 | | 67 | 38 | 53 | 74 | 123 |
| Sheet-metal shelving and wall bins | | | | | | | | 54 | 24 | 24 | 44 | 80 |
| Sheet-metal filing cases, not insulated ... number | 59,295 | 15,902 | 12,057 | 15,223 | 18,014 | 25,521 | 1,974 | 395 | 278 | 398 | 439 | 555 |
| Sheet-metal cabinets, insulated ... do | 18,236 | 5,385 | 2,983 | 4,041 | 5,604 | 4,676 | 976 | 314 | 168 | 242 | 320 | 275 |
| Safes ... do | | | | | | 3,949 | | | | | | 215 |
| Bank and safety deposit vaults and equipment | | | | | | | 526 | 274 | 133 | 147 | 106 | 183 |
| Other office furniture and fixtures | | | | | | | 941 | 254 | 166 | 259 | 251 | 371 |
| Metal beds and bedsprings ... number | 169,875 | 62,465 | 39,137 | 50,355 | 62,990 | 69,228 | 1,419 | 396 | 232 | 322 | 398 | 431 |
| Other metal furniture | | | | | | | 1,446 | 218 | 127 | 180 | 263 | 545 |
| Stoves and furnaces, except electric: | | | | | | | | | | | | |
| Coal and wood cooking stoves and ranges ... number | 12,073 | 3,049 | 1,601 | 2,953 | 4,992 | 7,995 | 318 | 71 | 44 | 70 | 102 | 145 |
| Heating stoves and warm-air furnaces ... do | 14,716 | 3,596 | 443 | 4,099 | 4,723 | 4,394 | 286 | 61 | 11 | 69 | 78 | 81 |
| Gas stoves, ranges, and water heaters ... do | 43,061 | 9,909 | 6,235 | 7,889 | 9,193 | 20,846 | 857 | 189 | 101 | 146 | 209 | 445 |
| Kerosene cooking stoves and heaters ... do | 141,164 | 45,405 | 19,873 | 39,616 | 51,683 | 56,394 | 1,342 | 367 | 155 | 292 | 344 | 433 |
| Gasoline cooking stoves and heaters ... do | | 6,242 | 4,406 | 6,587 | 4,819 | 7,500 | | 50 | 33 | 46 | 45 | 72 |
| Parts of stoves, ranges, and furnaces ... 1,000 lbs | 4,525 | | | | | | 965 | 504 | 326 | 434 | 545 | 622 |
| House-heating boilers and radiators | | | | | | | 1,644 | 262 | 152 | 215 | 211 | 251 |
| Oil burners and parts | | | | | | | | 1,171 | 1,140 | 1,095 | 1,008 | 1,209 |
| Domestic ... number | | [11] 3,751 | 3,593 | 3,502 | 4,082 | 4,648 | | [11] 593 | 555 | 582 | 577 | 624 |
| Industrial ... do | | [11] 1,429 | 1,701 | 1,393 | 1,047 | 1,027 | | [11] 239 | 269 | 229 | 197 | 183 |
| Parts | | | | | | | | 252 | 316 | 285 | 235 | 402 |

[11] Average for years 1932–35.
[12] Average for years 1927–30.

[28] 50 pounds instead of 60 pounds prior to 1936.
[29] Table and kitchen cutlery prior to 1936.

## No. 528.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

| Group and article | Quantity | | | | | | Value in thousands of dollars | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 |
| Group 6—Metals and Manufactures—Contd. | | | | | | | | | | | | |
| **Iron and steel, advanced manufactures—Contd.** | | | | | | | | | | | | |
| **Tools** | | | | | | | 17,907 | 6,776 | 5,134 | 7,623 | 9,087 | 10,945 |
| Axes (broad and hand) ... 1,000 doz. | 91 | 42 | 49 | 59 | 58 | 70 | 979 | 377 | 379 | 548 | 519 | 594 |
| Hacksaw blades ... 1,000 gross | [10] 253 | 144 | 149 | 136 | 137 | 172 | 1,980 | 696 | 693 | 666 | 711 | 879 |
| Saws | | | | | | | | 244 | 172 | 280 | 365 | 523 |
| Augers and bits, woodworking ... dozens | 83,277 | 27,543 | 15,830 | 28,303 | 44,121 | 54,354 | 271 | 87 | 51 | 93 | 132 | 161 |
| Files and rasps ... 1,000 doz. | 2,261 | 1,377 | 1,265 | 1,507 | 1,618 | 1,667 | 2,678 | 1,444 | 1,245 | 1,640 | 1,721 | 1,840 |
| Hammers and hatchets ... do | 65 | 24 | 18 | 31 | 40 | 49 | 333 | 111 | 80 | 140 | 195 | 254 |
| Hand hoes, rakes and forks [30] ... do | 27 | 14 | 14 | 22 | 15 | 23 | 131 | 60 | 55 | 98 | 64 | 111 |
| Hay and manure forks ... do | | | | | | 21 | | | | | | 110 |
| Shovels, spades, scoops, and drainage tools [31] ... 1,000 doz. | 34 | 15 | 13 | 18 | 21 | 28 | 353 | 126 | 101 | 164 | 184 | 226 |
| Vises [32] ... thousands | 88 | 12 | 7 | 14 | 20 | 29 | 203 | 47 | 22 | 53 | 75 | 111 |
| Automotive wrenches | | | | | | | [10] 315 | 198 | 117 | 274 | 325 | 422 |
| Other wrenches (except automotive) | | | | | | | [10] 879 | 280 | 208 | 308 | 377 | 569 |
| Drills and reamers | | | | | | | [12] 757 | 319 | 203 | 312 | 427 | 612 |
| Taps, dies, screw plates, and pipe stocks | | | | | | | [13] 1,559 | 446 | 269 | 580 | 701 | 949 |
| Mechanics' and other hand tools n. e. s. | | | | | | | [10] 2,989 | 2,340 | 1,540 | 2,469 | 3,290 | 3,585 |
| **Hardware** | | | | | | | 8,454 | 2,734 | 1,900 | 2,725 | 3,031 | 3,555 |
| Padlocks ... 1,000 doz. | 199 | 64 | 38 | 80 | 98 | 129 | 487 | 184 | 100 | 238 | 274 | 320 |
| Door locks and lock sets ... do | 64 | 28 | 23 | 32 | 30 | 27 | 540 | 225 | 144 | 226 | 247 | 213 |
| Cabinet and other locks ... do | 164 | 54 | 38 | 56 | 55 | 62 | 343 | 114 | 72 | 105 | 109 | 114 |
| Hinges and butts, iron or steel ... 1,000 doz. prs. | 594 | 92 | 65 | 85 | 95 | 116 | 533 | 122 | 78 | 111 | 144 | 158 |
| Other builders' hardware | | | | | | | 1,671 | 567 | 417 | 518 | 550 | 608 |
| Furniture hardware | | | | | | | 404 | 128 | 84 | 121 | 155 | 234 |
| Saddlery and harness hardware | | | | | | | 194 | 72 | 50 | 88 | 98 | 121 |
| Car and marine hardware | | | | | | | 240 | 65 | 38 | 73 | 89 | 105 |
| Other hardware | | | | | | | 4,042 | 1,257 | 917 | 1,247 | 1,365 | 1,681 |
| Sewing machine needles ... thousands | 63,120 | 31,426 | 26,558 | 22,972 | 21,220 | 32,331 | 760 | 393 | 310 | 332 | 325 | 491 |
| Other needles, incl. hand ... do | | | | | | 10,244 | | | | | | 113 |
| Sprocket and other power transmission chains ... 1,000 lbs. | 5,710 | 2,506 | 1,967 | 3,044 | 3,429 | 4,300 | 1,265 | 619 | 486 | 723 | 787 | 923 |
| Other chains ... do | 9,627 | 2,762 | 2,064 | 3,339 | 3,154 | 3,736 | 1,278 | 311 | 211 | 346 | 341 | 417 |
| Automatic scales (except coin operated) ... number | 12,935 | 16,084 | 10,330 | 22,435 | 30,334 | 63,430 | 942 | 320 | 245 | 300 | 312 | 399 |
| Other scales and balances n. e. s. ... do | 115,384 | 46,714 | 51,222 | 50,892 | 50,240 | 62,819 | 1,243 | 329 | 227 | 366 | 446 | 602 |
| Wood screws ... 1,000 gross | 7,427 | 1,257 | 444 | 422 | 415 | 335 | 807 | 164 | 73 | 49 | 52 | 51 |
| Metal drums and containers for oil, gas, and other liquids | | | | | | | 19,443 | 2,802 | 2,399 | 2,543 | 2,876 | 2,977 |
| Other iron and steel manufactures | | | | | | | | 4,116 | 2,654 | 4,790 | 5,362 | 6,349 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ferro-alloys** | | | | | | | 942 | 2,016 | 2,932 | 1,964 | 3,020 | 3,205 |
| Ferromanganese and spiegeleisen..tons of 2,240 lbs.. | 3,907 | 348 | 47 | 222 | 131 | 466 | 109 | 13 | 3 | 13 | 10 | 27 |
| Other ferro-alloys.....do.... | | | | | | 2,482 | | | | | | 807 |
| Tungsten metal, wire, shapes, and other alloys [33] pounds.. | 39,795 | 750,731 | 853,912 | 704,230 | 996,974 | 103,877 | 198 | 491 | 461 | 454 | 744 | 615 |
| Other ferro-alloying ores and metals.....1,000 lbs.. | 8,874 | 18,555 | 18,131 | 19,806 | 29,189 | 34,262 | 635 | 1,511 | 2,468 | 1,497 | 2,266 | 1,757 |
| **Nonferrous metals, except precious** | | | | | | | 205,701 | 56,622 | 36,946 | 68,276 | 69,332 | 76,217 |
| **Aluminum** | | | | | | | 11,640 | 3,686 | 1,975 | 3,419 | 4,258 | 3,932 |
| Bauxite and other aluminum ores and bauxite concentrates.....tons of 2,240 lbs.. | 112,133 | 54,502 | 21,760 | 51,415 | 82,491 | 84,471 | 5,091 | 1,670 | 646 | 1,040 | 2,191 | 2,323 |
| Ingots, scrap, and alloys.....1,000 lbs.. | 1,545 | 4,469 | 5,515 | 8,053 | 3,361 | 954 | 305 | 523 | 539 | 1,142 | 486 | 130 |
| Plates, sheets, bars, strips, and rods.....do.... | 12,905 | 967 | 193 | 313 | 609 | 652 | 3,182 | 276 | 61 | 107 | 208 | 252 |
| Tubes, moldings, castings, and other shapes 1,000 lbs.. | 1,796 | 810 | 454 | 514 | 949 | 902 | 581 | 321 | 160 | 208 | 350 | 318 |
| Table, kitchen, and hospital utensils.....do.... | | | | | | 555 | 601 | 277 | 197 | 297 | 302 | 301 |
| Other aluminum manufactures | | | | | | | 1,878 | 619 | 371 | 625 | 721 | 608 |
| **Copper**.....1,000 lbs. [34].. | 983,840 | 493,317 | 349,254 | 625,486 | 605,746 | 524,834 | 149,999 | 39,920 | 24,918 | 49,765 | 48,933 | 50,663 |
| Ores, concentrates, composition metal, and unrefined copper (copper content).....1,000 lbs.. | 4,458 | 25,342 | 45,428 | 32,766 | 15,350 | 6,769 | 572 | 1,701 | 3,230 | 2,701 | 1,079 | 469 |
| Refined copper in ingots, bars, or other forms 1,000 lbs.. | 828,927 | 384,544 | 249,164 | 524,733 | 521,471 | 440,781 | 123,015 | 29,695 | 16,931 | 39,651 | 40,258 | 40,702 |
| Old and scrap copper.....do.... | 38,366 | 34,849 | 28,437 | 25,190 | 19,083 | 26,447 | 4,744 | 2,455 | 1,647 | 1,827 | 1,291 | 2,233 |
| Pipes and tubes.....do.... | 3,218 | 1,351 | 802 | 1,468 | 1,216 | 1,696 | 834 | 261 | 134 | 298 | 245 | 353 |
| Plates and sheets.....do.... | 7,090 | 4,808 | 1,133 | 9,522 | 7,177 | 2,220 | 1,425 | 548 | 179 | 961 | 724 | 367 |
| Rods.....do.... | 66,192 | 30,120 | 15,579 | 19,544 | 28,541 | 31,402 | 10,467 | 2,783 | 1,174 | 1,745 | 2,522 | 3,175 |
| Wire.....do.... | 14,325 | 3,620 | 2,571 | 4,216 | 3,155 | 4,291 | 2,521 | 399 | 247 | 417 | 327 | 490 |
| Insulated copper wire and cable: | | | | | | | | | | | | |
| Rubber-covered wire.....do.... | 21,264 | 2,666 | 2,414 | 2,870 | 3,764 | 5,129 | 5,123 | 556 | 433 | 642 | 830 | 1,105 |
| Weatherproof wire.....do.... | | 1,558 | 1,062 | 1,641 | 1,820 | 1,799 | | 219 | 150 | 236 | 251 | 270 |
| Telephone cable.....do.... | | 369 | 117 | 149 | 309 | 283 | | 60 | 24 | 35 | 59 | 54 |
| Other insulated copper wire.....do.... | | 4,091 | 2,548 | 3,387 | 3,861 | 4,016 | | 823 | 492 | 751 | 777 | 859 |
| Other copper manufactures | | | | | | | 1,298 | 421 | 278 | 501 | 570 | 586 |
| **Brass and bronze** | | | | | | | 15,862 | 5,218 | 3,373 | 6,222 | 6,638 | 5,667 |
| Scrap and old.....1,000 lbs.. | 65,962 | 40,760 | 30,695 | 60,393 | 59,585 | 24,679 | 6,461 | 2,146 | 1,368 | 3,287 | 3,300 | 1,564 |
| Ingots.....do.... | | 347 | 131 | 77 | 202 | 350 | | 31 | 11 | 9 | 18 | 33 |
| Bars and rods.....do.... | 2,926 | 1,388 | 771 | 1,250 | 1,582 | 1,814 | 547 | 203 | 114 | 209 | 251 | 312 |
| Plates and sheets.....do.... | 1,696 | 483 | 263 | 528 | 545 | 549 | 400 | 97 | 54 | 110 | 114 | 117 |
| Pipes and tubes.....do.... | 4,236 | 1,458 | 855 | 708 | 995 | 1,391 | 1,052 | 253 | 151 | 143 | 188 | 300 |
| Pipe fittings and valves.....do.... | 3,709 | 1,250 | 843 | 1,284 | 1,436 | 1,905 | 2,005 | 703 | 479 | 720 | 818 | 1,062 |
| Plumbers' brass goods.....do.... | 836 | 568 | 432 | 600 | 753 | 930 | 476 | 293 | 214 | 306 | 385 | 480 |
| Wire of brass or bronze.....do.... | 1,344 | 500 | 240 | 417 | 375 | 565 | 439 | 122 | 50 | 99 | 97 | 141 |
| Brass wood screws.....1,000 gross.. | [12] 556 | 112 | 42 | 65 | 69 | 81 | [12] 152 | 28 | 14 | 21 | 20 | 31 |
| Hinges and butts of brass or bronze....doz. prs.. | [10] 28,976 | 13,192 | 8,945 | 12,840 | 14,945 | 17,510 | 781 | 31 | 25 | 26 | 38 | 48 |
| Other hardware of brass or bronze | | | | | | | | 231 | 149 | 235 | 266 | 296 |
| Other brass and bronze manufactures | | | | | | | 3,579 | 1,079 | 743 | 1,058 | 1,144 | 1,283 |

[10] Average for years 1929 and 1930.
[12] Average for years 1927–30.
[30] Hand hoes and rakes prior to 1936.
[31] Shovels and spades prior to 1936.
[32] Vises and clamps prior to 1928.
[33] "Ferrotungsten, tungsten metal, and wire" prior to 1936.
[34] Not including pounds of "Other copper manufactures."

## No. 528.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

| Group and article | Quantity | | | | | | Value in thousands of dollars | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 |
| Group 6.—Metals and manufactures—Contd. | | | | | | | | | | | | |
| **Nonferrous metals, except precious—Continued.** | | | | | | | | | | | | |
| **Lead** | | | | | | | 10,305 | 1,185 | 1,173 | 948 | 1,106 | 2,078 |
| In pigs, bars, etc.....1,000 lbs. | 171,098 | 32,246 | 45,663 | 11,813 | 13,951 | 36,627 | 8,599 | 768 | 833 | 305 | 472 | 1,390 |
| Sheets.....do. | | | 348 | 306 | 652 | 483 | | | 17 | 18 | 38 | 33 |
| Pipe.....do. | 13,624 | | 181 | 51 | 104 | 228 | 1,706 | 418 | 8 | 4 | 7 | 19 |
| Solder.....do. | | | 413 | 535 | 579 | 1,054 | | | 81 | 139 | 160 | 232 |
| Other lead manufactures.....do. | | | | | | | | | 234 | 484 | 429 | 404 |
| Nickel: | | | | | | | | | | | | |
| Nickel, Monel metal, and alloys.....do. | 2,353 | 2,675 | 1,509 | 4,576 | 3,453 | 6,877 | 847 | 908 | 547 | 1,505 | 1,207 | 3,060 |
| Manufactures | | | | | | | 959 | 643 | 505 | 739 | 1,101 | 3,635 |
| Tin and manufactures | | | | | | | 2,155 | 524 | 818 | 677 | 777 | 1,295 |
| **Zinc** | | | | | | | 6,564 | 1,135 | 943 | 1,402 | 1,271 | 1,290 |
| Ore, concentrates, and dross.....1,000 lbs. | 67,708 | 2,186 | 1,617 | 7,242 | 922 | 490 | 1,573 | 48 | 44 | 157 | 11 | 6 |
| Cast in slabs, plates, blocks, or pigs.....do. | 53,083 | 5,993 | 2,289 | 10,211 | 3,234 | 74 | 3,543 | 155 | 79 | 284 | 84 | 5 |
| Rolled in sheets, strips, etc.....do. | 8,808 | 6,893 | 6,376 | 6,924 | 9,626 | 8,966 | 940 | 537 | 468 | 569 | 755 | 723 |
| Dust.....do. | 2,355 | 2,980 | 3,138 | 2,978 | 3,227 | 3,586 | 225 | 218 | 234 | 234 | 238 | 274 |
| Other zinc manufactures.....do. | 2,101 | 1,523 | 1,343 | 1,392 | 1,581 | | 283 | 177 | 118 | 167 | 183 | 283 |
| Nickel silver, or German silver in bars, rods, or sheets.....1,000 lbs. | 1,307 | 435 | 330 | 531 | 668 | 951 | 318 | 77 | 58 | 96 | 114 | 144 |
| Babbit metal.....do. | 1,646 | 925 | 824 | 977 | 1,069 | 1,015 | 523 | 258 | 225 | 325 | 376 | 323 |
| Nickel chrome electric resistance wire.....do. | | 256 | 263 | 345 | 265 | 329 | | 297 | 285 | 373 | 325 | 415 |
| Other metal and alloys.....do. | 5,474 | 7,238 | 7,741 | 7,683 | 7,398 | | 1,326 | 1,352 | 1,216 | 1,424 | 1,515 | 1,697 |
| Plated ware, other than gold or silver except cutlery | | | | | | | 952 | 270 | 170 | 309 | 299 | 429 |
| Type.....1,000 lbs. | 665 | 159 | 91 | 139 | 162 | 200 | 363 | 80 | 50 | 78 | 85 | 98 |
| Other metal and metal composition manufactures, n. e. s. | | | | | | | 3,887 | 1,067 | 690 | 995 | 1,326 | 1,489 |
| **Precious metals, jewelry, and plated ware, except gold and silver in ore, bullion, and coin** | | | | | | | 3,193 | 1,012 | 1,008 | 440 | 698 | 2,736 |
| Platinum: | | | | | | | | | | | | |
| Ingots, sheets, wire, alloys, and scrap.ozs. (troy) | 8,830 | 10,034 | 23,686 | 1,897 | 3,271 | 55,454 | 741 | 301 | 609 | 83 | 106 | 2,069 |
| Manufactures, except jewelry.....do. | 1,568 | 1,452 | 1,323 | 759 | 1,954 | 2,590 | 121 | 66 | 57 | 35 | 85 | 124 |
| Tableware, including cutlery: | | | | | | | | | | | | |
| Sterling silver | | | | | | | | | 24 | 17 | 23 | 23 |
| Silver plated | | | | | | | 789 | 183 | 82 | 105 | 136 | 183 |
| Other, including gold and pewter | | | | | | | | | 42 | 57 | 71 | 88 |
| Gold manufactures, n. e. s. | | | | | | | 1,264 | 375 | 142 | 91 | 142 | 96 |
| Silver manufactures, n. e. s. | | | | | | | 276 | 87 | 54 | 51 | 135 | 153 |
| Group 7. Machinery and vehicles | | | | | | | | | | | | |
| **Total** | | | | | | | 934,545 | 379,791 | 236,739 | 435,068 | 520,869 | 614,381 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Electrical machinery and apparatus** | | | | | | | 102,711 | 62,635 | 43,580 | 66,525 | 76,088 | 91,352 |
| Generators: | | | | | | | | | | | | |
| Direct current ... number | 3,447 | 396 | 167 | 233 | 388 | 1,202 | 1,632 | 172 | 62 | 86 | 162 | 345 |
| Alternating current: | | | | | | | | | | | | |
| Under 2,000 kilovolt-amperes ... do | 308 | 221 | 97 | 200 | 472 | 676 | 239 | 159 | 80 | 144 | 274 | 246 |
| 2,000 kilovolt-amperes and over ... do | 24 | 10 | 9 | 12 | 12 | 7 | 748 | 595 | 326 | 267 | 328 | 116 |
| Steam turbine generator sets ... do | 1,008 | 136 | 49 | 148 | 210 | 243 | 1,342 | 461 | 746 | 167 | 259 | 255 |
| Accessories and parts for generators | | | | | | | 968 | 523 | 210 | 407 | 318 | 667 |
| Arc welding sets ... number | [2] 424 | 388 | 212 | 408 | 620 | 2,193 | [2] 439 | 372 | 164 | 376 | 503 | 720 |
| Self-contained lighting outfits ... do | 4,035 | 911 | 596 | 953 | 1,239 | 7,496 | 1,129 | 217 | 137 | 209 | 285 | 650 |
| Batteries— | | | | | | | | | | | | |
| Flashlight batteries ... thousand cells | 39,898 | 52,344 | 45,682 | 49,416 | 53,098 | 62,873 | 2,790 | 1,963 | 1,552 | 1,833 | 1,962 | 2,300 |
| Radio B and C batteries (dry) ... do | 7,495 | 5,654 | 4,146 | 5,949 | 7,793 | 10,350 | 2,157 | 253 | 172 | 247 | 343 | 452 |
| Other batteries, n. e. s ... thousands | | 122 | 91 | 70 | 95 | 121 | | 89 | 70 | 69 | 111 | 137 |
| Storage batteries | | | | | | | 3,420 | 1,494 | 988 | 1,589 | 1,655 | 1,818 |
| 6 and 12 volt storage batteries [35] ... thousands | [2] 263 | 210 | 159 | 241 | 247 | 281 | [2] 1,815 | 1,048 | 745 | 1,102 | 1,111 | 1,223 |
| Other storage batteries ... thousand cells | [2] 136 | 3 | 26 | 60 | 70 | 77 | [2] 1,294 | 445 | 243 | 487 | 543 | 595 |
| No. 6 dry-cell batteries ... thousands | [2] 2,439 | 1,263 | 1,164 | 1,234 | 1,196 | 1,005 | [2] 577 | 270 | 236 | 248 | 237 | 196 |
| Transforming or converting apparatus:: | | | | | | | | | | | | |
| Power transformers, 500 kilovolt-amperes and over ... number | 6,401 | 38 | 10 | 24 | 27 | 65 | 2,467 | 360 | 110 | 165 | 98 | 363 |
| Distribution transformers, less than 500 kilovolt-amperes ... number | | 1,809 | 1,422 | 1,855 | 1,700 | 2,549 | | 336 | 211 | 345 | 357 | 432 |
| Instrument transformers ... do | 62,003 | 3,241 | 2,125 | 3,050 | 5,305 | 3,668 | 1,264 | 103 | 50 | 77 | 149 | 147 |
| Other transformers ... do | | 22,008 | 9,051 | 15,362 | 20,882 | 30,238 | | 255 | 115 | 188 | 263 | 392 |
| Complete battery chargers, nonrotating ... do | 60,231 | 2,531 | 1,474 | 2,155 | 3,275 | 8,701 | 1,504 | 37 | 26 | 32 | 48 | 148 |
| Double current and motor generators, dynamotors, synchronous, and other converters ... number | | 2,228 | 1,226 | 1,299 | 1,757 | 4,664 | | 400 | 159 | 156 | 272 | 529 |
| Transmission and distribution apparatus— | | | | | | | | | | | | |
| Switchboard panels, except telephone | | | | | | | 1,756 | 554 | 137 | 280 | 322 | 440 |
| Power switches and circuit breakers over 10 amperes | | | | | | | 2,202 | 764 | 548 | 522 | 954 | 1,127 |
| Fuses ... thousands | 4,761 | 1,788 | 2,148 | 1,635 | 1,682 | 2,026 | 422 | 118 | 84 | 117 | 123 | 138 |
| Watt-hour and other measuring meters ... number | 76,951 | 37,093 | 19,951 | 26,941 | 51,040 | 49,228 | 780 | 324 | 190 | 238 | 393 | 446 |
| Volt, watt, and ampere meters, and other recording, indicating, and testing apparatus ... number | [36] 245,003 | | | | | | 2,022 | 1,221 | 805 | 1,248 | 1,521 | 1,755 |
| Electrical indicating instruments ... do | [8] 64,322 | 66,259 | 71,639 | 75,807 | 104,203 | 77,712 | [8] 663 | 409 | 293 | 441 | 517 | 533 |
| Electrical recording instruments ... do | [8] 5,768 | 2,229 | 1,127 | 1,685 | 2,730 | 2,569 | [8] 330 | 229 | 125 | 203 | 256 | 274 |
| Other electrical testing apparatus | | | | | | | [8] 947 | 583 | 388 | 604 | 748 | 949 |
| Lightning arresters, choke coils, reactors, and other protective devices ... number | 86,735 | | | | | | 813 | 419 | 310 | 345 | 498 | 452 |
| Motors, starters, and controllers: | | | | | | | | | | | | |
| Motors ½ horsepower and under ... do | 136,572 | 64,896 | 43,574 | 56,241 | 63,032 | 105,729 | 2,824 | 691 | 404 | 532 | 540 | 679 |
| Motors over ½ and under 1 horsepower ... do | | 8,355 | 6,308 | 7,816 | 8,786 | 10,461 | | 202 | 137 | 184 | 209 | 296 |
| Stationary motors: | | | | | | | | | | | | |
| 1 to 200 horsepower ... do | 21,687 | 6,126 | 3,923 | 6,031 | 6,821 | 8,687 | 3,358 | 873 | 509 | 852 | 1,017 | 1,350 |
| Over 200 horsepower ... do | 198 | 42 | 30 | 29 | 45 | 49 | 553 | 214 | 87 | 71 | 203 | 116 |
| Railway motors ... do | 652 | 124 | 86 | 132 | 124 | 129 | 629 | 90 | 47 | 101 | 76 | 140 |

[2] 1930 only. [8] Average for years 1928–30. [35] 6 volt storage batteries prior to 1932. [36] Average for years 1926 and 1927.

## No. 528.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

| Group and article | Quantity | | | | | | Value in thousands of dollars | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 |
| Group 7.—Machinery and vehicles—Continued | | | | | | | | | | | | |
| **Electrical machinery and apparatus**—Continued. | | | | | | | | | | | | |
| Motors, starters, and controllers—Continued. | | | | | | | | | | | | |
| Electric locomotives— | | | | | | | | | | | | |
| Railway ... number | 53 | 3 | ---------- | 1 | 1 | 5 | 1,022 | 205 | ---------- | 17 | 53 | 114 |
| Mining and industrial ... do | 117 | 73 | 57 | 94 | 96 | 94 | 613 | 296 | 194 | 364 | 346 | 429 |
| Station and warehouse electric motor trucks ... number | 180 | 55 | 21 | 57 | 85 | 77 | 204 | 112 | 35 | 123 | 155 | 162 |
| Starting and controlling equipment: | | | | | | | | | | | | |
| For industrial motors | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 1,550 | 734 | 403 | 711 | 823 | 1,162 |
| For electric railway and vehicle motors | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 210 | 141 | 96 | 142 | 203 | 751 |
| Portable electric tools ... number | 23,272 | 12,357 | 7,665 | 13,698 | 19,178 | 20,647 | 1,077 | 633 | 400 | 708 | 949 | 910 |
| Accessories and parts for motors | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 2,607 | 1,127 | 676 | 997 | 1,430 | 1,660 |
| Electric household refrigerators ... number | [12] 39,256 | 75,047 | 60,495 | 101,366 | 119,853 | 160,782 | [12] 7,084 | 6,445 | 4,472 | 8,180 | 9,354 | 11,768 |
| Electric commercial refrigerators up to 1 ton ... number | [2] 10,900 | 15,476 | 11,607 | 22,136 | 20,820 | 24,297 | [2] 2,061 | 1,632 | 1,130 | 1,917 | 1,976 | 2,234 |
| Parts for electric refrigerators | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 2,895 | 2,059 | 3,475 | 3,972 | 5,170 |
| Electric appliances: | | | | | | | | | | | | |
| Flashlight cases ... thousands | 2,578 | 1,159 | 728 | 1,162 | 2,059 | 1,817 | 2,207 | 467 | 294 | 513 | 696 | 671 |
| Electric fans ... number | 76,700 | 44,517 | 26,084 | 60,335 | 59,745 | 106,142 | 1,026 | 304 | 170 | 336 | 359 | 548 |
| Electric lamps: | | | | | | | | | | | | |
| Metal filament ... thousands | 9,454 | 6,978 | 5,396 | 8,891 | 10,022 | 14,014 | 1,426 | 759 | 589 | 889 | 969 | 1,183 |
| For automobiles, flashlights, and Christmas trees ... thousands | [2] 3,110 | 3,705 | 2,667 | 5,127 | 5,243 | 7,879 | [2] 194 | 178 | 110 | 220 | 228 | 357 |
| Other metal filament bulbs ... do | [2] 5,342 | 3,273 | 2,729 | 3,765 | 4,779 | 6,134 | [2] 1,017 | 581 | 480 | 669 | 740 | 826 |
| Other electric lamp bulbs ... do | 2,060 | 240 | 83 | 336 | 457 | 578 | 444 | 70 | 37 | 83 | 94 | 141 |
| Searchlights and floodlights ... number | 18,073 | 3,940 | 3,196 | 3,987 | 4,241 | 6,350 | 635 | 156 | 117 | 162 | 121 | 207 |
| Motor-driven household devices: | | | | | | | | | | | | |
| Electric washing machines ... number | 23,328 | 8,736 | 3,297 | 6,083 | 12,036 | 26,649 | 1,566 | 436 | 179 | 323 | 554 | 1,066 |
| Electric washing machine parts | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | | | | | | 50 |
| Electric vacuum cleaners ... do | [8] 75,143 | 34,140 | 19,483 | 14,322 | 21,375 | 30,289 | 2,480 | 467 | 210 | 230 | 334 | 509 |
| Electric vacuum cleaner parts | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | | | | | | 298 |
| Other motor-driven devices, except tools ... number | [8] 29,471 | 17,844 | 15,810 | 18,834 | 27,702 | 40,679 | | 318 | 209 | 321 | 434 | 633 |
| Electric flatirons ... do | [8] 141,153 | 87,778 | 64,527 | 108,152 | 115,414 | 140,041 | | 144 | 91 | 163 | 179 | 225 |
| Domestic heating and cooking devices: | | | | | | | | | | | | |
| Electric cooking ranges ... number | [8] 7,319 | 3,561 | 2,102 | 3,480 | 4,143 | 6,297 | 1,464 | 246 | 155 | 250 | 269 | 365 |
| Other domestic heating and cooking devices ... thousands | [8] 295 | 155 | 117 | 137 | 194 | 227 | | 389 | 241 | 343 | 473 | 639 |
| Industrial electric furnaces and ovens ... number | 2,656 | 2,947 | 1,967 | 3,140 | 3,733 | 6,728 | 518 | 408 | 166 | 351 | 398 | 616 |
| Therapeutic apparatus, X-ray machines, galvanic and faradic batteries, etc. | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 1,692 | 972 | 657 | 1,025 | 1,416 | 1,474 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Signal and communication devices: | | | | | | | | | | | | |
| Radio apparatus: | | | | | | | | | | | | |
| Transmitting sets and parts | | | | | | | 962 | 976 | 743 | 1,090 | 1,578 | 1,817 |
| Receiving sets ... number | 137,558 | 494,382 | 509,786 | 612,084 | 588,105 | 635,984 | 6,342 | 12,363 | 9,324 | 15,338 | 15,472 | 16,041 |
| Radio receiving tubes ... thousands | 990 | 4,961 | 5,399 | 6,682 | 6,589 | 8,390 | 1,450 | 2,535 | 2,623 | 3,210 | 2,882 | 3,514 |
| Receiving-set components | | | | | | | 3,234 | 3,624 | 2,784 | 4,359 | 4,574 | 5,660 |
| Loud speakers ... thousands | [10] 232 | 167 | 120 | 145 | 200 | 340 | 3,271 | 536 | 338 | 361 | 459 | 706 |
| Other receiving-set accessories | | | | | | | | 443 | 314 | 498 | 489 | 540 |
| Telegraph apparatus | | | | | | | 951 | 212 | 164 | 244 | 180 | 227 |
| Telephone apparatus: | | | | | | | | | | | | |
| Telephone instruments ... number | 37,740 | 11,855 | 6,292 | 11,525 | 14,641 | 12,724 | 547 | 177 | 68 | 175 | 239 | 186 |
| Other telephone equipment | | | | | | | 4,293 | 1,153 | 731 | 1,044 | 1,684 | 1,841 |
| Bells, buzzers, annunciators, and alarms | | | | | | | 347 | 201 | 95 | 95 | 150 | 199 |
| Other electrical apparatus: | | | | | | | | | | | | |
| Starting, lighting, and ignition equipment (except spark plugs) | | | | | | | 1,641 | 916 | 834 | 1,233 | 1,223 | 1,317 |
| Insulating material ... 1,000 lbs | 5,554 | 1,426 | 867 | 1,226 | 1,161 | 1,493 | 1,342 | 313 | 190 | 271 | 297 | 347 |
| Metal conduit, outlet, and switch boxes | | | | | | | 1,258 | 445 | 343 | 450 | 540 | 625 |
| Sockets, outlets, fuel blocks, and lighting switches ... thousands | 10,521 | 5,711 | 5,067 | 6,890 | 5,708 | 6,453 | 1,876 | 882 | 643 | 888 | 813 | 775 |
| Electric interior lighting fixtures | | | | | | | 2,466 | 677 | 429 | 566 | 706 | 1,056 |
| Electric exterior lighting fixtures | | | | | | | | 160 | 95 | 118 | 174 | 167 |
| Other wiring supplies and line material | | | | | | | 1,318 | 568 | 321 | 537 | 663 | 737 |
| Other electrical apparatus, n. e. s | | | | | | | 9,346 | 3,565 | 2,288 | 3,333 | 4,930 | 5,759 |
| **Industrial machinery** | | | | | | | **214,364** | **94,702** | **55,080** | **97,979** | **121,355** | **158,493** |
| **Power-generating, except electric and automotive** | | | | | | | **23,561** | **6,824** | **3,642** | **6,216** | **8,136** | **9,187** |
| Steam engines: | | | | | | | | | | | | |
| Stationary, except turbines ... number | 392 | 45 | 38 | 53 | 55 | 71 | 463 | 62 | 66 | 66 | 91 | 57 |
| Mechanical-drive turbines ... do | 87 | 32 | 15 | 23 | 27 | 25 | 533 | 138 | 21 | 31 | 62 | 91 |
| Locomotives ... do | 189 | 24 | 26 | 31 | 32 | 39 | 3,812 | 616 | 230 | 625 | 814 | 523 |
| Locomotive parts and accessories | | | | | | | 3,053 | 738 | 475 | 886 | 1,131 | 977 |
| Other engines and parts | | | | | | | | 175 | 88 | 140 | 209 | 175 |
| Steam boilers, fire tube ... 1,000 sq. ft. [37] | 730 | 37 | 17 | 47 | 26 | 128 | 1,656 | 64 | 29 | 55 | 74 | 231 |
| Steam boilers, water tube ... do | | 79 | 91 | 51 | 72 | 142 | | 147 | 138 | 103 | 195 | 409 |
| Condensers, heaters, accessories | | | | | | | 777 | 235 | 91 | 241 | 213 | 342 |
| Steam specialties—injectors, gauges, saftey valves, steam traps, boiler-tube cleaners, etc | | | | | | | 2,131 | 886 | 597 | 972 | 1,109 | 1,178 |
| Internal-combustion engines: | | | | | | | | | | | | |
| Locomotives: | | | | | | | | | | | | |
| Gasoline ... number | 291 | 28 | 24 | 24 | 13 | 30 | 738 | 95 | 61 | 76 | 43 | 100 |
| Diesel and Diesel-electric ... do | | | | | | 48 | | | | | | 133 |
| Stationary and portable engines: | | | | | | | | | | | | |
| Diesel and semi-Diesel ... do | 744 | 172 | 43 | 155 | 331 | 422 | 1,251 | 450 | 161 | 502 | 978 | 1,112 |
| Other: | | | | | | | | | | | | |
| Not over 10 horsepower ... do | 32,357 | 6,289 | 3,711 | 6,311 | 10,197 | 13,730 | 2,795 | 399 | 218 | 392 | 570 | 792 |
| Over 10 horsepower ... do | 3,788 | 1,678 | 782 | 1,028 | 1,410 | 2,193 | 2,169 | 880 | 379 | 602 | 813 | 1,002 |
| Engine accessories and parts (carburetors) | | | | | | | 3,718 | 1,439 | 961 | 1,356 | 1,599 | 1,941 |
| Water wheels and water turbines | | | | | | | 465 | 498 | 125 | 169 | 234 | 125 |

[2] 1930 only. [8] Average for years 1928–30. [10] Average for years 1929 and 1930. [12] Average for years 1927–30. [37] Heating surface.

## No. 528.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

| Group and article | Quantity | | | | | | Value in thousands of dollars | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 |
| Group 7.—Machinery and vehicles—Continued | | | | | | | | | | | | |
| **Industrial machinery**—Continued. | | | | | | | | | | | | |
| **Construction and conveying machinery** | | | | | | | 22,188 | 6,506 | 2,813 | 5,533 | 7,988 | 11,708 |
| Excavators, incl. power shovels ... number | 473 | 97 | 34 | 75 | 87 | 175 | 5,845 | 1,300 | 325 | 920 | 1,117 | 2,106 |
| Excavator parts and accessories | | | | | | | 2,037 | 782 | 440 | 552 | 871 | 1,095 |
| Dredging machinery | | | | | | | 924 | 509 | 176 | 407 | 765 | 905 |
| Concrete mixers ... number | 1,724 | 202 | 50 | 229 | 247 | 583 | 1,044 | 123 | 36 | 125 | 132 | 336 |
| Road rollers ... do | 151 | 35 | 18 | 34 | 54 | 111 | 379 | 88 | 57 | 77 | 153 | 357 |
| Road graders ... do | [2] 935 | 204 | 95 | 199 | 314 | 541 | 2,241 | 255 | 111 | 257 | 475 | 940 |
| Other road-making equipment | | | | | | | | 510 | 225 | 562 | 821 | 1,475 |
| Other construction equipment | | | | | | | 1,005 | 272 | 116 | 277 | 375 | 600 |
| Cranes with swinging booms ... number | 108 | 19 | 13 | 18 | 18 | 45 | 869 | 171 | 109 | 109 | 95 | 300 |
| Other cranes ... do | 278 | 40 | 29 | 34 | 44 | 63 | 1,259 | 209 | 67 | 129 | 230 | 250 |
| Hoists ... do | 7,895 | 1,632 | 702 | 1,393 | 1,876 | 2,561 | 1,556 | 332 | 145 | 322 | 440 | 560 |
| Derricks, except mining ... do | | 13 | 7 | 8 | 24 | 52 | | 23 | 13 | 13 | 29 | 70 |
| Elevators, freight and passenger ... do | 625 | 277 | 125 | 495 | 455 | 194 | 1,114 | 475 | 190 | 644 | 579 | 476 |
| Conveyors, bucket, chain, or belt ... do | 1,339 | 255 | 120 | 181 | 298 | 632 | 513 | 131 | 55 | 88 | 140 | 234 |
| Other conveying equipment | | | | | | | 3,402 | 1,326 | 747 | 1,051 | 1,763 | 2,004 |
| **Mining, well, and pumping machinery** | | | | | | | 43,778 | 20,448 | 13,504 | 24,214 | 28,700 | 34,372 |
| Mining and quarrying machinery: | | | | | | | | | | | | |
| Coal cutters ... number | 137 | 49 | 29 | 46 | 55 | 56 | 493 | 171 | 89 | 183 | 220 | 198 |
| Rock drills ... do | 10,559 | 4,986 | 3,849 | 5,381 | 6,714 | 6,667 | 1,829 | 911 | 653 | 1,107 | 1,423 | 1,398 |
| Mine hoists and derricks ... do | 966 | 519 | 337 | 716 | 691 | 690 | 702 | 438 | 221 | 447 | 511 | 525 |
| Ore crushing and sorting | | | | | | | 3,729 | 1,720 | 983 | 1,685 | 2,440 | 2,725 |
| Concentrating and smelting | | | | | | | 970 | 478 | 177 | 428 | 705 | 617 |
| Other mining and quarrying | | | | | | | 7,445 | 3,450 | 2,332 | 3,645 | 4,276 | 4,863 |
| Well and refinery machinery: | | | | | | | | | | | | |
| Petroleum and gas well-drilling apparatus | | | | | | | 8,719 | 4,163 | 2,692 | 6,139 | 6,745 | 8,762 |
| Other petroleum-well and refining machinery | | | | | | | 10,294 | 5,732 | 4,222 | 6,872 | 8,054 | 10,066 |
| Other well-drilling apparatus | | | | | | | [10] 1,049 | 196 | 112 | 205 | 256 | 425 |
| Pumping equipment: | | | | | | | | | | | | |
| Centrifugal pumps ... number | 4,709 | 2,517 | 1,701 | 2,829 | 3,577 | 4,698 | 1,381 | 714 | 440 | 787 | 1,093 | 1,003 |
| Deep-well turbine pumps ... do | | | | | | 423 | | | | | | 205 |
| Reciprocating steam pumps [38] ... do | 5,802 | 1,253 | 910 | 1,265 | 1,598 | 1,137 | 1,669 | 338 | 183 | 315 | 377 | 383 |
| Rotary pumps ... do | [8] 1,071 | 2,411 | 3,565 | 2,595 | 2,507 | 5,470 | [8] 131 | 101 | 97 | 108 | 127 | 228 |
| Other reciprocating power pumps [39] ... do | 20,168 | 6,242 | 4,351 | 6,256 | 7,460 | 7,594 | 2,658 | 803 | 427 | 846 | 959 | 998 |
| Hand and windmill pumps ... do | 86,975 | 21,176 | 19,440 | 21,556 | 25,877 | 28,862 | 739 | 132 | 102 | 121 | 169 | 171 |
| Self-contained household water systems ... do | | 501 | 424 | 664 | 587 | 895 | 2,712 | 35 | 26 | 49 | 42 | 63 |
| Other pumps and parts of pumps | | | | | | | | 1,067 | 749 | 1,278 | 1,302 | 1,743 |
| **Power-driven metal-working machinery** | | | | | | | 26,211 | 20,548 | 8,158 | 19,435 | 27,091 | 41,897 |
| Engine lathes ... number | 747 | 479 | 230 | 489 | 993 | 2,237 | 1,586 | 1,008 | 360 | 940 | 1,369 | 2,825 |
| Turret lathes ... do | 359 | 187 | 117 | 231 | 320 | 674 | 1,018 | 493 | 206 | 568 | 881 | 1,847 |
| Other lathes ... do | 702 | 512 | 224 | 592 | 779 | 1,020 | 1,298 | 749 | 169 | 610 | 946 | 1,343 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vertical boring mills and chucking machinery ... number | 172 | 135 | 46 | 125 | 215 | 423 | 392 | 604 | 114 | 487 | 1,061 | 1,801 |
| Thread-cutting and automatic screw machines ... number | 852 | 419 | 257 | 645 | 801 | 1,030 | 1,073 | 709 | 366 | 1,017 | 1,391 | 2,236 |
| Knee and column type milling machines ... number | 324 | 183 | 115 | 227 | 297 | 398 | 784 | 548 | 262 | 590 | 962 | 1,168 |
| Other milling machines ... do | 580 | 397 | 191 | 470 | 698 | 989 | 1,359 | 1,227 | 421 | 1,281 | 2,005 | 2,470 |
| Gear-cutting machines ... do | 367 | 331 | 253 | 470 | 402 | 599 | 947 | 1,150 | 607 | 1,422 | 1,441 | 2,125 |
| Vertical drilling machines ... do | 406 | 247 | 285 | 269 | 268 | 488 | 415 | 385 | 158 | 425 | 496 | 801 |
| Radial drilling machines ... do | 119 | 69 | 25 | 83 | 69 | 107 | 275 | 151 | 69 | 137 | 173 | 226 |
| Other drilling machines ... do | 1,625 | 1,760 | 1,017 | 2,823 | 2,879 | 2,485 | 646 | 946 | 297 | 1,032 | 1,235 | 1,521 |
| Planers and shapers ... do | 435 | 158 | 62 | 128 | 212 | 267 | 723 | 378 | 104 | 206 | 577 | 488 |
| Grinding machines: | | | | | | | | | | | | |
| Surface ... do | [10] 231 | 201 | 105 | 213 | 455 | 604 | [10] 324 | 428 | 206 | 356 | 934 | 1,081 |
| External cylindrical ... do | 699 | 240 | 109 | 277 | 283 | 287 | 1,589 | 740 | 291 | 774 | 889 | 1,039 |
| Internal ... do | 390 | 215 | 89 | 352 | 273 | 314 | 931 | 739 | 227 | 974 | 1,088 | 1,259 |
| Tool grinding, cutter grinding, and universal ... number | 1,054 | 865 | 454 | 905 | 1,829 | 1,870 | 525 | 606 | 273 | 632 | 1,236 | 1,540 |
| Other metal-grinding machines | | | | | | | 805 | 651 | 255 | 608 | 668 | 1,088 |
| Sheet and plate metal-working machines | | | | | | | 2,702 | 2,443 | 892 | 1,964 | 1,639 | 3,885 |
| Forging machinery | | | | | | | 1,347 | 1,551 | 342 | 969 | 1,648 | 1,826 |
| Rolling-mill machinery | | | | | | | 885 | 1,131 | 354 | 1,083 | 2,402 | 4,186 |
| Foundry and molding equipment | | | | | | | 1,785 | 901 | 448 | 446 | 984 | 2,139 |
| Other power-driven metal-working machinery and parts | | | | | | | 4,995 | 3,011 | 1,735 | 2,916 | 3,066 | 5,001 |
| **Other metal-working machinery** | | | | | | | 4,172 | 2,413 | 1,211 | 2,345 | 2,661 | 4,221 |
| Pneumatic portable tools ... number | 20,581 | 7,976 | 4,525 | 9,631 | 11,289 | 13,720 | 1,614 | 546 | 282 | 611 | 703 | 927 |
| Other portable and hand- or foot-operated metal-working machines and parts | | | | | | | 897 | 494 | 327 | 533 | 666 | 885 |
| Chucks for machine tools ... number | 18,945 | 13,832 | 9,927 | 15,884 | 28,464 | 46,115 | 239 | 101 | 57 | 110 | 171 | 210 |
| Machine-operated pipe and thread cutters, stocks, dies, taps, and other machine-operated cutting tools ... number | | | | | | 56,324 | | 790 | 320 | 844 | 736 | 1,603 |
| Other metal-working tools | | | | | | | 1,422 | 481 | 225 | 247 | 385 | 596 |
| **Textile, sewing, and shoe machinery** | | | | | | | 23,374 | 12,794 | 9,825 | 15,449 | 16,540 | 20,564 |
| Textile machinery | | | | | | | 11,408 | 6,322 | 4,860 | 7,287 | 8,359 | 10,534 |
| Full-fashioned hosiery knitting machines, power driven ... number | [2] 85 | 23 | 14 | 26 | 30 | 40 | [2] 455 | 127 | 93 | 228 | 210 | 283 |
| Circular hosiery knitting machines ... do | 6,649 | 1,155 | 571 | 929 | 913 | 857 | 2,736 | 509 | 206 | 524 | 532 | 476 |
| Other circular knitting machines ... do | 1,432 | 1,076 | 1,205 | 1,016 | 851 | 1,035 | 657 | 460 | 431 | 416 | 433 | 361 |
| Other knitting machines and parts | | | | | | | 1,394 | 562 | 416 | 593 | 553 | 712 |
| Winders and parts ... number | [2] 1,091 | 1,867 | 2,161 | 2,865 | 1,653 | | [2] 360 | 708 | 674 | 889 | 800 | 1,205 |
| Carding and other preparing, spinning, and twisting machinery and parts: | | | | | | | | | | | | |
| Cotton [40] | | | | | | | 525 | 500 | 260 | 748 | 832 | 935 |
| Wool [41] | | | | | | | 292 | 130 | 104 | 164 | 125 | 168 |
| Other, including silk throwing machinery and parts [42] | | | | | | | 542 | 509 | 428 | 682 | 663 | 1,173 |

[2] 1930 only.
[8] Average for years 1928–30.
[10] Average for years 1929 and 1930.
[38] "Steam pumps" prior to 1928.
[39] "Other power pumps" prior to 1928.
[40] Cotton spinning and twisting machines prior to 1936.
[41] Wool carding and weaving machines prior to 1936.
[42] Silk machinery prior to 1936.

## No. 528.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

| Group and article | Quantity | | | | | | Value in thousands of dollars | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 |
| Group 7.—Machinery and vehicles—Continued | | | | | | | | | | | | |
| **Industrial machinery**—Continued. | | | | | | | | | | | | |
| **Textile, sewing, and shoe machinery**—Contd. | | | | | | | | | | | | |
| Textile machinery—Contd. | | | | | | | | | | | | |
| Looms and parts: | | | | | | | | | | | | |
| Cotton ..... number | [10] 1,452 | 1,030 | 1,667 | 1,015 | 604 | 1,861 | 543 | 339 | 422 | 476 | 224 | 659 |
| Other ..... do | | | | | | 975 | | | | | | 402 |
| Parts of looms | | | | | | | | | | | | 601 |
| Braiding and insulating machines and parts | | | | | | | | | | | | 182 |
| Beaming, warping, and slashing machinery and parts | | | | | | | 4,555 | 2,477 | 1,824 | 2,567 | 3,986 | 103 |
| Dyeing and finishing machines and parts | | | | | | | | | | | | 116 |
| Other textile machinery | | | | | | | | | | | | 3,159 |
| Sewing machines: | | | | | | | | | | | | |
| For domestic use ..... number | 173,222 | 72,104 | 32,947 | 86,149 | 77,549 | 106,958 | 4,616 | 1,511 | 582 | 2,005 | 2,182 | 3,441 |
| For factory or industrial use ..... do | 57,883 | 22,786 | 44,427 | 61,100 | 50,653 | 60,786 | 4,054 | 3,112 | 2,804 | 4,035 | 3,795 | 4,043 |
| Sewing-machine parts | | | | | | | 1,600 | 1,152 | 970 | 1,497 | 1,550 | 1,878 |
| Shoe machinery, except sewing | | | | | | | 1,695 | 698 | 609 | 625 | 653 | 668 |
| **Other industrial machinery** | | | | | | | **71,080** | **25,169** | **15,929** | **24,788** | **30,239** | **36,544** |
| Cigarette, cigar-making, and other tobacco machinery | | | | | | | [8] 1,380 | 694 | 399 | 406 | 455 | 469 |
| Bakery machinery and parts | | | | | | | [12] 837 | 302 | 180 | 279 | 403 | 414 |
| Flour-mill and gristmill | | | | | | | 647 | 174 | 163 | 179 | 153 | 137 |
| Rice-mill machinery | | | | | | | 205 | 76 | 71 | 95 | 70 | 44 |
| Sugar-mill machinery: | | | | | | | | | | | | |
| Cane mills ..... number | 3,022 | 751 | 416 | 668 | 1,232 | 1,440 | 480 | 77 | 34 | 52 | 90 | 176 |
| Other sugar-mill machinery | | | | | | | 4,182 | 1,274 | 980 | 1,546 | 1,794 | 1,519 |
| Paper and pulp-mill machinery | | | | | | | 3,633 | 1,068 | 450 | 708 | 633 | 1,345 |
| Paper-converting machinery and parts | | | | | | | | | 445 | 634 | 499 | 1,109 |
| Woodworking machinery: | | | | | | | | | | | | |
| Sawmill machinery | | | | | | | 877 | 272 | 158 | 208 | 290 | 315 |
| Planers, matchers, jointers, and molders ..... number | 208 | 70 | 39 | 93 | 140 | 216 | 235 | 55 | 30 | 82 | 77 | 59 |
| Veneer machinery | | | | | | | [2] 80 | 48 | 38 | 74 | 70 | 105 |
| Other woodworking machinery and parts | | | | | | | 1,809 | 585 | 349 | 678 | 721 | 925 |
| Blowers and ventilating machinery | | | | | | | 1,366 | 634 | 414 | 782 | 468 | 597 |
| Bottling, bottle-washing, and bottle-labeling machinery | | | | | | | [10] 1,636 | 533 | 364 | 441 | 703 | 990 |
| Brewers' machinery | | | | | | | 981 | 157 | 86 | 135 | 148 | 620 |
| Ice-making equipment | | | | | | | 776 | 481 | 356 | 453 | 681 | 815 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Refrigerating equipment: | | | | | | | | | | | | |
| Up to 1-ton capacity [43] | | | | | | | 2,548 | 143 | 102 | 133 | 137 | 235 |
| Over 1 and up to 10 tons capacity [43] | | | | | | | | 320 | 219 | 323 | 447 | 439 |
| Over 10 tons refrigerating capacity | | | | | | | 846 | 215 | 96 | 172 | 298 | 215 |
| Air-conditioning equipment, including portable | | | | | | | | [9] 321 | | | 321 | 887 |
| Oil-mill machinery | | | | | | | 866 | 354 | 251 | 380 | 760 | 588 |
| Cotton gins, cotton presses, and parts | | | | | | | 490 | 620 | 211 | 1,014 | 1,560 | 1,837 |
| Ball bearings and parts | | | | | | | | | | | | 802 |
| Roller bearings and parts | | | | | | | 2,464 | 1,329 | 777 | 1,429 | 1,968 | 1,423 |
| Balls and rollers | | | | | | | | | | | | 24 |
| Air compressors: | | | | | | | | | | | | |
| Capacity up to 25 cubic feet ... number | 11,431 | 3,746 | 2,945 | 3,884 | 3,788 | 4,371 | 1,162 | 304 | 211 | 301 | 301 | 311 |
| Capacity over 25 cubic feet ... do | 3,964 | 995 | 627 | 1,051 | 1,227 | 1,203 | 4,932 | 1,288 | 837 | 1,357 | 1,590 | 1,441 |
| Portable air compressors ... do | | 461 | 342 | 455 | 577 | 500 | | 582 | 353 | 650 | 1,011 | 872 |
| Meat and other grinding and slicing machines ... number | [12] 31,470 | 5,144 | 2,684 | 5,417 | 8,592 | 7,810 | [12] 994 | 417 | 213 | 375 | 544 | 583 |
| Paint-spraying equipment | | | | | | | [8] 671 | 264 | 158 | 242 | 341 | 432 |
| Laundry machinery: | | | | | | | | | | | | |
| Power-driven laundry machines for commercial laundries ... number | 2,591 | 378 | 145 | 305 | 220 | 528 | 1,483 | 260 | 64 | 160 | 91 | 156 |
| Other laundry and dry-cleaning equipment | | | | | | | 1,780 | 597 | 333 | 563 | 585 | 781 |
| Gas meters and parts [44] | | | | | | | 326 | 108 | 121 | 108 | 122 | 183 |
| Water meters and parts [44] | | | | | | | 455 | 366 | 482 | 412 | 349 | 324 |
| Iron or steel body valves and parts for steam, water, oil, and gas [45] | | | | | | | [8] 3,619 | 1,109 | 824 | 1,458 | 1,324 | 1,871 |
| Other industrial machinery and parts, n. e. s. | | | | | | | 32,999 | 10,398 | 6,160 | 8,959 | 11,234 | 13,504 |
| **Office appliances** | | | | | | | **44,969** | **21,268** | **15,768** | **23,681** | **27,039** | **29,685** |
| Accounting and calculating machines: | | | | | | | | | | | | |
| Billing and bookkeeping machines ... number | 10,545 | 3,489 | 2,697 | 3,543 | 3,909 | 5,155 | 5,311 | 2,328 | 1,598 | 2,478 | 2,554 | 3,168 |
| Listing-adding-bookkeeping ... do | [12] 4,577 | 864 | 512 | 986 | 903 | 1,215 | [12] 2,681 | 865 | 525 | 984 | 916 | 1,131 |
| Typewriter-bookkeeping-billing ... do | [12] 6,483 | 2,625 | 2,185 | 2,557 | 3,006 | 3,940 | [12] 3,119 | 1,463 | 1,073 | 1,493 | 1,638 | 2,036 |
| Listing-adding machines ... do | 31,562 | 16,252 | 13,538 | 19,025 | 21,277 | 26,519 | 3,088 | 1,400 | 1,055 | 1,652 | 1,841 | 2,438 |
| Calculating machines ... do | 12,431 | 5,415 | 3,648 | 6,688 | 8,372 | 11,905 | 2,143 | 951 | 578 | 1,206 | 1,586 | 2,043 |
| Card punching, sorting, and tabulating machines ... number | 1,439 | 1,389 | 1,223 | 1,541 | 1,761 | 1,224 | 1,057 | 1,306 | 1,068 | 1,723 | 1,897 | 1,504 |
| Other, including used and rebuilt ... do | 5,494 | 6,036 | 5,419 | 5,767 | 6,379 | 7,535 | 393 | 383 | 474 | 495 | 422 | 407 |
| Parts for accounting and calculating machines | | | | | | | | 908 | 738 | 989 | 1,430 | 1,732 |
| Duplicating machines, parts and supplies for | | | | | | | 656 | 479 | 401 | 510 | 438 | 544 |
| Cash registers ... number | 36,182 | 12,202 | 8,435 | 10,749 | 11,393 | 12,653 | 7,302 | 2,245 | 1,503 | 2,059 | 2,132 | 2,205 |
| Parts of cash registers | | | | | | | 767 | 416 | 349 | 450 | 640 | 957 |
| Typewriters ... number | 368,542 | 203,282 | 166,390 | 236,107 | 262,068 | 259,594 | 19,918 | 8,955 | 6,480 | 10,103 | 12,041 | 11,856 |
| Standard typewriters, new ... do | 203,806 | 79,200 | 54,478 | 91,330 | 115,700 | 117,819 | 14,006 | 5,241 | 3,492 | 5,947 | 7,713 | 7,698 |
| Portable typewriters, new ... do | 123,633 | 82,176 | 56,792 | 93,457 | 103,626 | 102,314 | 4,629 | 2,643 | 1,767 | 2,826 | 3,023 | 2,885 |
| Used and rebuilt typewriters ... do | 41,103 | 41,906 | 55,120 | 51,320 | 42,742 | 39,461 | 1,284 | 1,072 | 1,220 | 1,330 | 1,305 | 1,273 |
| Typewriter parts | | | | | | | 1,044 | 762 | 673 | 848 | 678 | 1,091 |
| Other office appliances | | | | | | | 3,291 | 1,134 | 851 | 1,168 | 1,380 | 1,741 |

[2] 1930 only. [8] Average for years 1928–30. [10] Average for years 1929 and 1930. [12] Average for years 1927–30.

[43] Total refrigerators, including household electric, up to 10 tons refrigerating capacity prior to 1927, and over 1 and up to 10 tons in 1927 and 1928.

[44] Meters exclusive of parts prior to 1932. [45] Valves exclusive of parts prior to 1932.

## No. 528.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

| Group and article | Quantity | | | | | | Value in thousands of dollars | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 |
| Group 7.—Machinery and vehicles—Continued | | | | | | | | | | | | |
| **Printing machinery** | | | | | | | 16,097 | 7,144 | 5,680 | 8,253 | 8,405 | 11,352 |
| Typesetting machines ... number | 1,377 | 573 | 505 | 718 | 642 | 742 | 4,584 | 1,968 | 1,680 | 2,595 | 2,221 | 2,640 |
| Printing presses ... do | 2,799 | 1,165 | 841 | 1,497 | 1,765 | 1,576 | 5,989 | 2,189 | 1,554 | 2,392 | 3,246 | 4,229 |
| Bookbinding machinery and accessories | | | | | | | [2] 433 | 339 | 385 | 454 | 278 | 371 |
| Other printing and typesetting machinery and accessories | | | | | | | 5,437 | 2,649 | 2,061 | 2,813 | 2,659 | 4,112 |
| **Agricultural machinery and implements** | | | | | | | 109,901 | 26,750 | 12,215 | 21,543 | 32,040 | 43,985 |
| Bee-keeping equipment | | | | | | | [10] 115 | 49 | 22 | 65 | 62 | 59 |
| Cream separators ... number | 12,491 | 5,318 | 5,850 | 3,335 | 1,350 | 1,749 | 722 | 297 | 334 | 200 | 80 | 93 |
| Other dairy equipment and parts for farm use | | | | | | | 1,455 | 556 | 322 | 622 | 795 | 972 |
| Incubators and brooders ... number | 27,869 | 3,845 | 1,429 | 2,017 | 3,369 | 3,654 | 719 | 127 | 53 | 95 | 111 | 187 |
| Other poultry equipment, n. e. s | | | | | | | [8] 241 | 94 | 70 | 77 | 99 | 73 |
| Sprayers and dusters: | | | | | | | | | | | | |
| For trees and crops: | | | | | | | | | | | | |
| Hand sprayers ... number | 58,755 | 3,024 | 1,740 | 3,046 | 4,810 | 21,285 | 406 | 157 | 86 | 164 | 251 | 156 |
| Power sprayers ... do | | | | | | 653 | | | | | | 185 |
| Small sprayers for garden and household use ... number | | 795,440 | 465,614 | 596,071 | 984,971 | 821,690 | | 131 | 76 | 114 | 153 | 152 |
| Implements of cultivation: | | | | | | | | | | | | |
| Horse and power plows ... number | 184,546 | 53,385 | 30,636 | 68,341 | 99,352 | 95,754 | 6,227 | 873 | 400 | 948 | 1,251 | 1,679 |
| Harrows ... do | 32,590 | 4,138 | 1,724 | 5,427 | 9,034 | 12,324 | 1,758 | 193 | 96 | 232 | 361 | 595 |
| Cultivators, horse and power ... do | 58,802 | 19,120 | 10,752 | 26,843 | 31,740 | 35,856 | 1,137 | 272 | 103 | 274 | 383 | 588 |
| Planters, horse and power ... do | 11,308 | 4,613 | 1,730 | 6,133 | 9,531 | 13,310 | 487 | 219 | 54 | 151 | 291 | 412 |
| Drills and seeders, horse and power ... do | 18,639 | 1,617 | 988 | 2,212 | 2,630 | 3,747 | 1,808 | 126 | 41 | 144 | 165 | 393 |
| Other cultivating implements and parts | | | | | | | 4,716 | 1,404 | 1,075 | 1,541 | 1,748 | 1,925 |
| Harvesting machinery: | | | | | | | | | | | | |
| Mowers, except lawn ... number | 14,084 | 2,233 | 778 | 2,788 | 4,537 | 6,414 | 874 | 154 | 51 | 186 | 319 | 445 |
| Lawn mowers, hand and power ... do | 100,890 | 28,326 | 20,614 | 30,560 | 34,433 | 44,073 | 791 | 206 | 131 | 201 | 226 | 296 |
| Hayrakes and tedders ... do | 8,246 | 1,110 | 473 | 1,689 | 2,234 | 7,575 | 315 | 43 | 20 | 59 | 90 | 226 |
| Grain harvesters and binders ... do | 26,224 | 2,232 | 1,425 | 1,336 | 2,956 | 2,517 | 4,800 | 389 | 253 | 230 | 517 | 470 |
| Combines (reapers, threshers) ... do | 6,785 | 1,030 | 405 | 500 | 1,256 | 608 | 8,730 | 1,890 | 473 | 627 | 1,633 | 745 |
| Other harvesting implements and parts | | | | | | | 4,103 | 1,305 | 1,050 | 1,054 | 1,583 | 1,586 |
| Seed separators: | | | | | | | | | | | | |
| Threshers ... number | 4,115 | 175 | 134 | 182 | 222 | 584 | 3,913 | 161 | 119 | 180 | 188 | 552 |
| Corn shellers ... do | 15,942 | 2,098 | 1,500 | 3,133 | 2,450 | 4,280 | 280 | 28 | 11 | 34 | 35 | 57 |
| Other separators and parts | | | | | | | 1,596 | 293 | 183 | 216 | 472 | 406 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Feed cutters, grinders, and crushers ..... number | 7,318 | 2,827 | 2,226 | 3,245 | 3,423 | 2,895 | 342 | 181 | 90 | 257 | 214 | 253 |
| Tractors and parts | | | | | | | | | | | | 28,750 |
| Tracklaying (carburetor type)— | | | | | | | | | | | | |
| Under 35 drawbar horsepower ..... number | | | | | | 2,735 | | | | | | 3,703 |
| 35 to 39 drawbar horsepower ..... do | | | | | | 236 | | | | | | 476 |
| 60 and over drawbar horsepower ..... do | | | | | | 41 | | | | | | 173 |
| Tracklaying (fuel injection type)— | 3,732 | 1,875 | 1,198 | 2,393 | 3,144 | | 7,674 | 3,826 | 2,104 | 4,620 | 6,713 | |
| Under 35 drawbar horsepower ..... do | | | | | | 609 | | | | | | 943 |
| 35 to 39 drawbar horsepower ..... do | | | | | | 1,295 | | | | | | 3,167 |
| 60 and over drawbar horsepower ..... do | | | | | | 609 | | | | | | 2,685 |
| Wheel tractors ..... do | 51,933 | 9,036 | 2,403 | 5,330 | 8,741 | 13,993 | 40,096 | 8,243 | 1,815 | 3,834 | 7,102 | 11,870 |
| 14 belt horsepower and under ..... do | [8] 5,441 | 616 | 96 | 387 | 454 | 1,200 | [8] 2,937 | 396 | 48 | 202 | 249 | 654 |
| 15 to 32 belt horsepower ..... do | [8] 39,778 | 7,687 | 1,996 | 4,302 | 6,471 | 8,751 | [8] 35,893 | 6,894 | 1,376 | 2,816 | 4,872 | 6,475 |
| 33 and over belt horsepower [46] ..... do | [8] 5,821 | 734 | 311 | 641 | 1,816 | 4,042 | [8] 7,055 | 954 | 391 | 816 | 1,981 | 4,740 |
| Engines for tractors ..... do | 1,055 | 74 | 101 | 46 | 178 | 282 | 462 | 48 | 35 | 52 | 130 | 214 |
| Parts and accessories for tractors | | | | | | | 10,066 | 3,848 | 2,297 | 3,420 | 4,665 | 5,518 |
| Windmills ..... number | 22,160 | 5,465 | 3,927 | 7,679 | 8,562 | 14,081 | 1,369 | 280 | 179 | 388 | 422 | 685 |
| Towers and parts of windmills, except pumps | | | | | | | 776 | 183 | 158 | 249 | 263 | 391 |
| Hay presses, hand and power ..... number | 929 | 174 | 95 | 245 | 330 | 394 | 275 | 55 | 31 | 78 | 100 | 128 |
| Other agricultural machinery, implements, and parts | | | | | | | 3,814 | 1,117 | 476 | 1,229 | 1,617 | 1,526 |
| **Automobiles and other vehicles** | | | | | | | **446,503** | **167,292** | **104,415** | **217,087** | **255,943** | **279,514** |
| **Automobiles, parts, and accessories** | | | | | | | **406,164** | **146,503** | **90,630** | **190,216** | **227,290** | **240,213** |
| Electric trucks and passenger cars ..... number | 113 | | | | | | 170 | | | | | |
| Motor trucks, busses, and chassis (new) ..... do | [47] 118,473 | 61,450 | 43,277 | 92,397 | 98,811 | 105,800 | [47] 75,190 | 30,230 | 20,000 | 44,069 | 50,456 | 54,772 |
| Under 1 ton ..... do | | 6,866 | 4,779 | 9,576 | 9,982 | 15,710 | | 2,243 | 1,401 | 3,159 | 3,369 | 5,988 |
| 1 and not over 1½ tons ..... do | 115,427 | 46,164 | 32,325 | 71,649 | 72,103 | 71,305 | 67,392 | 19,714 | 12,386 | 30,169 | 32,814 | 32,890 |
| Over 1½, not over 2½ tons ..... do | | 6,808 | 4,941 | 9,340 | 14,057 | 13,849 | | 5,576 | 4,028 | 7,552 | 10,380 | 10,550 |
| Over 2½ tons ..... do | 3,046 | 1,501 | 1,206 | 1,763 | 2,403 | 2,808 | 7,798 | 2,512 | 2,157 | 3,079 | 3,572 | 4,315 |
| Bus chassis ..... do | | 111 | 26 | 69 | 266 | 2,128 | | 185 | 27 | 111 | 322 | 1,029 |
| Second-hand trucks and busses ..... do | | 256 | 239 | 326 | 269 | 439 | | 114 | 113 | 138 | 126 | 188 |
| Passenger cars and chassis ..... do | [47] 275,627 | 100,265 | 63,754 | 143,914 | 172,572 | 179,957 | [47] 197,649 | 55,308 | 31,805 | 77,783 | 94,511 | 103,024 |
| Not over $850 ..... do | | 91,264 | 59,694 | 133,417 | 161,535 | 165,501 | | 44,532 | 26,734 | 65,364 | 81,868 | 86,789 |
| Over $850, not over $1,200 ..... do | 267,230 | 6,487 | 2,639 | 7,753 | 8,759 | 11,758 | 177,168 | 6,211 | 2,542 | 7,483 | 8,305 | 11,238 |
| Over $1,200, not over $2,000 ..... do | | 1,719 | 1,088 | 2,018 | 1,463 | 1,817 | | 2,517 | 1,662 | 3,063 | 2,224 | 2,723 |
| Over $2,000 ..... do | 8,397 | 795 | 333 | 726 | 815 | 881 | 20,481 | 2,047 | 867 | 1,874 | 2,114 | 2,275 |
| Second-hand passenger cars ..... do | | 1,184 | 757 | 1,243 | 1,109 | 1,615 | | 478 | 295 | 475 | 463 | 681 |
| Parts of, except tires— | | | | | | | | | | | | |
| Automobile parts for assembly | | | | | | | 62,237 | 32,016 | 18,348 | 36,247 | 44,473 | 41,365 |
| Automobile parts for replacement | | | | | | | 52,187 | 23,522 | 16,761 | 26,429 | 30,674 | 30,491 |
| Automotive pistons | | | | | | | | [11] 460 | 312 | 609 | 599 | 446 |
| Automotive piston rings | | | | | | | | [11] 459 | 363 | 520 | 511 | 504 |
| Automotive valves | | | | | | | | [11] 93 | 51 | 98 | 106 | 105 |
| Automotive differential and transmission gears | | | | | | | | [11] 520 | 475 | 633 | 521 | 523 |
| Automotive starter and timing gears | | | | | | | | [11] 72 | 66 | 88 | 65 | 97 |
| Automotive gears, n. e. s. | | | | | | | | [11] 341 | 252 | 422 | 323 | 359 |
| Spark plugs ..... thousands | [8] 5,910 | 6,025 | 5,677 | 6,263 | 6,726 | 5,986 | [8] 1,739 | 1,446 | 1,300 | 1,606 | 1,580 | 1,434 |
| Automobile and truck springs | | | | | | | | 434 | 271 | 536 | 611 | 493 |
| Other parts for replacement, n. e. s. | | | | | | | 51,144 | 20,087 | 13,672 | 21,917 | 26,356 | 26,529 |

[2] 1930 only. [8] Average for years 1928–30. [10] Average for years 1929 and 1930. [11] Average for years 1932–35.
[46] Includes wheel tractors less wheels of any horsepower prior to 1936. [47] Includes second-hand.

## No. 528.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

| Group and article | Quantity | | | | | | Value in thousands of dollars | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 |
| Group 7.—Machinery and Vehicles—Continued | | | | | | | | | | | | |
| **Automobiles and other vehicles**—Continued. | | | | | | | | | | | | |
| **Automobiles, parts, and accessories**—Continued. | | | | | | | | | | | | |
| Automobile accessories | | | | | | | 8,277 | 2,705 | 1,845 | 3,123 | 3,586 | 4,031 |
| Automobile shock absorbers and stabilizers ... number | [8] 351,607 | 82,399 | 26,464 | 60,746 | 61,144 | 74,204 | [8] 825 | 148 | 54 | 128 | 128 | 158 |
| Automobile bumpers ... do | [8] 41,180 | 9,809 | 6,197 | 18,280 | 2,348 | 1,250 | [8] 201 | 24 | 12 | 35 | 8 | 4 |
| Automobile horns, hand and electric ... do | [10] 125,583 | 182,523 | 144,322 | 257,261 | 305,319 | 298,777 | [10] 325 | 268 | 203 | 372 | 389 | 356 |
| Other accessories, n. e. s. | | | | | | | [8] 6,834 | 2,265 | 1,577 | 2,588 | 3,060 | 3,513 |
| Automobile engines: | | | | | | | | | | | | |
| For motor trucks and busses: | | | | | | | | | | | | |
| For assembly [48] ... number | 10,750 | 4,673 | 2,180 | 4,242 | 9,251 | 21,890 | 1,141 | 597 | 290 | 553 | 1,004 | 2,149 |
| For replacement or assembly [49] ... do | | | | | | 56 | | | | | | 30 |
| For passenger cars: | | | | | | | | | | | | |
| For assembly [48] ... do | 88,420 | 22,043 | 19,397 | 22,005 | 29,193 | 48,154 | 9,315 | 1,534 | 1,173 | 1,399 | 1,997 | 3,306 |
| For replacement or assembly [49] ... do | | | | | | 2,659 | | | | | | 165 |
| Other engines | | | | | | | | | | | | 8 |
| Automobile service appliances, n. e. s. | | | | | | | 6,927 | 2,538 | 1,049 | 2,416 | 4,054 | 4,607 |
| Automobile tire-service equipment | | | | | | | [8] 858 | 218 | 81 | 221 | 364 | 349 |
| Pumps for gasoline and oil ... number | [8] 97,425 | 17,424 | 8,031 | 14,252 | 18,968 | 17,861 | [8] 3,145 | 721 | 214 | 567 | 1,506 | 1,307 |
| Other service appliances | | | | | | | [6] 2,922 | 1,599 | 754 | 1,628 | 2,184 | 2,951 |
| Automotive fire engines ... number | 42 | 10 | 3 | 4 | 14 | 13 | 135 | 67 | 24 | 31 | 122 | 51 |
| Trailers ... do | 1,029 | 524 | 253 | 531 | 863 | 1,264 | 457 | 307 | 127 | 189 | 718 | 1,066 |
| Aircraft, parts, and accessories | | | | | | | 4,907 | 10,789 | 9,179 | 17,663 | 14,291 | 23,142 |
| Airplanes ... number | 189 | 330 | 406 | 490 | 333 | 503 | 2,643 | 5,271 | 5,391 | 8,195 | 6,599 | 10,076 |
| Seaplanes and amphibians ... do | | | | | | 24 | | | | | | 1,526 |
| Engines for aircraft ... do | 252 | 1,429 | 2,903 | 1,009 | 568 | 933 | 948 | 2,264 | 1,452 | 4,459 | 2,459 | 5,182 |
| Parachutes and parts | | | | | | | 1,316 | 3,254 | 87 | 148 | 163 | 298 |
| Other aircraft parts and accessories, except tires | | | | | | | | | 2,249 | 4,861 | 5,070 | 6,060 |
| Cycles: | | | | | | | | | | | | |
| Bicycles ... number | 5,024 | 1,112 | 1,033 | 1,177 | 1,120 | 2,322 | 131 | 25 | 20 | 27 | 26 | 62 |
| Motorcycles ... do | 17,520 | 3,361 | 2,309 | 3,518 | 3,539 | 3,952 | 3,963 | 781 | 513 | 812 | 863 | 1,015 |
| Parts and accessories, except tires: | | | | | | | | | | | | |
| For bicycles | | | | | | | 1,316 | 385 | 294 | 357 | 383 | 84 |
| For motorcycles | | | | | | | | | | | | 297 |
| Small water craft (except motor boats) ... number | | | | | | 225 | | | | | | 32 |
| Motorboats with engines installed ... do | 404 | 205 | 133 | 317 | 275 | 390 | 766 | 393 | 139 | 493 | 706 | 714 |
| Internal-combustion marine engines: | | | | | | | | | | | | |
| Detachable motors (outboard) ... do | 8,149 | 3,721 | 3,296 | 4,011 | 4,840 | 6,564 | 1,143 | 301 | 227 | 321 | 328 | 426 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel and semi-Diesel ... do | 885 | 177 | 126 | 157 | 168 | 199 | 1,678 | 447 | 204 | 375 | 429 | 455 |
| Other ... do | 3,015 | 986 | 662 | 1,186 | 1,210 | 1,628 | 1,461 | 583 | 242 | 632 | 467 | 607 |
| Railway cars: | | | | | | | | | | | | |
| Passenger service: | | | | | | | | | | | | |
| Electric railway or tram ... do | 78 | 23 | ---------- | 42 | 23 | 44 | 657 | 133 | ---------- | 165 | 29 | 100 |
| Steam railway ... do | 232 | 33 | 1 | 22 | 114 | 16 | 1,558 | 271 | 2 | 362 | 385 | 113 |
| Railway motor cars: | | | | | | | | | | | | |
| For track inspection and maintenance work ... number | [10] 427 | 389 | 304 | 287 | 513 | 558 | [10] 405 | 301 | 77 | 300 | 132 | 124 |
| Passenger cars ... do | | | | | | 70 | | | | | | 488 |
| Freight cars: | | | | | | | | | | | | |
| Not over 10-ton capacity ... do | 3,516 | 600 | 135 | 348 | 226 | 338 | 4,247 | 877 | 88 | 136 | 78 | 99 |
| Over 10-ton capacity ... do | | | 113 | 100 | 1,030 | 544 | | | 243 | 158 | 1,971 | 626 |
| Mine cars ... do | 1,474 | 233 | 115 | 185 | 443 | 398 | 414 | 46 | 13 | 22 | 48 | 111 |
| Air-brake equipment | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 1,030 | 318 | 146 | 292 | 568 | 616 |
| Parts, except axles and wheels | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 4,085 | 1,076 | 681 | 1,107 | 1,439 | 2,319 |
| Railway signals and attachments | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 838 | 304 | 108 | 116 | 325 | 270 |
| Railway car-heating equipment | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | [11] 52 | 34 | 72 | 78 | 192 |
| Wagons and drays ... number | 4,971 | 629 | 422 | 828 | 822 | 1,266 | 483 | 66 | 25 | 53 | 74 | 118 |
| Wheelbarrows ... do | 93,158 | 19,207 | 13,547 | 25,540 | 30,427 | 57,152 | 373 | 69 | 48 | 92 | 112 | 186 |
| Pushcarts and hand trucks ... do | 12,406 | 3,790 | 2,456 | 4,223 | 3,939 | 4,904 | 246 | 85 | 44 | 92 | 101 | 102 |
| Wheels, except automobile and car ... thousands | 112 | 79 | 56 | 69 | 114 | 96 | 257 | 97 | 57 | 86 | 166 | 169 |
| Other vehicles and parts | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 3,103 | 486 | 202 | 500 | 761 | 1,106 |
| GROUP 8.—CHEMICALS AND RELATED PRODUCTS | | | | | | | | | | | | |
| **Total** | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 137,351 | 91,840 | 79,802 | 96,769 | 107,090 | 116,982 |
| **Coal-tar products** | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 15,940 | 12,537 | 13,242 | 14,094 | 14,372 | 13,775 |
| Benzol ... 1,000 gals | 28,843 | 11,580 | 8,439 | 9,692 | 14,666 | 19,178 | 7,049 | 2,055 | 1,594 | 1,761 | 2,513 | 2,918 |
| Crude and refined coal tar ... do | [10] 5,390 | 18,468 | 32,505 | 26,400 | 7,530 | 11,042 | 1,297 | 797 | 1,376 | 1,149 | 364 | 560 |
| Coal-tar pitch ... tons of 2,240 lbs | [10] 18,513 | 137,158 | 199,088 | 166,457 | 81,854 | 85,062 | | 1,590 | 2,414 | 2,025 | 895 | 716 |
| Creosote oil ... 1,000 gals | ---------- | 458 | 137 | 195 | 349 | 257 | ---------- | 75 | 25 | 42 | 73 | 54 |
| Colors, dyes, stains, and color lakes ... 1,000 lbs | 30,074 | 18,545 | 18,740 | 17,942 | 19,631 | 17,178 | 6,300 | 5,193 | 4,653 | 5,630 | 6,873 | 6,081 |
| Rubber compounding agents of coal-tar origin [50] ... 1,000 lbs | ---------- | 2,061 | 1,796 | 2,233 | 2,616 | 1,643 | ---------- | 868 | 819 | 830 | 774 | 620 |
| Coal-tar dye intermediates ... do | ---------- | 27,131 | 27,534 | 27,956 | 51,682 | 2,939 | 1,293 | 1,958 | 2,361 | 2,657 | 2,879 | 539 |
| Other coal-tar products exclusive of medicinals ... 1,000 lbs | | | | | | 40,166 | | | | | | 2,288 |
| **Medicinal and pharmaceutical preparations** | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 20,081 | 11,592 | 9,816 | 10,945 | 12,199 | 14,394 |
| Castor oil ... gals | [10] 80,783 | 49,684 | 42,755 | 53,962 | 39,737 | 81,765 | [10] 133 | 69 | 58 | 66 | 50 | 90 |
| White mineral oil ... do | [8] 281,721 | 433,588 | 413,636 | 446,460 | 665,260 | 1,427,439 | [8] 371 | 239 | 205 | 215 | 244 | 496 |
| Biologics (antitoxins, serums, vaccines, etc.) | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 2,036 | 1,899 | 1,798 | 1,724 | 1,794 | 2,200 |
| For animal and veterinary use | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 373 | 349 | 338 | 343 | 403 |
| Serums and antitoxins for human use | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 706 | 691 | 669 | 706 | 813 |
| Vaccines for human use | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 161 | 137 | 91 | 109 | 315 |
| Glandular products, organotherapeutics, enzymes, ferments, and culture media | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 659 | 621 | 626 | 636 | 670 |

[8] Average for years 1928–30. [10] Average for years 1929 and 1930. [11] Average for years 1932–35. [48] For assembly on new vehicles with American trade names.
[49] For replacement on vehicles with either American or foreign trade names or assembly on new vehicles with foreign names.
[50] Includes rubber compounding agents of other than coal-tar origin prior to 1936.

## No. 528.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

| Group and article | Quantity | | | | | | Value in thousands of dollars | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 |
| Group 8.—Chemicals, etc.—Continued | | | | | | | | | | | | |
| **Medicinal and pharmaceutical preparations—Contd.** | | | | | | | | | | | | |
| Druggists nonproprietary preparations: | | | | | | | | | | | | |
| Elixirs, cordials, tinctures, extracts, and similar liquid solutions | | | | | | | | 987 | 813 | 1,000 | 1,221 | 1,605 |
| Tablets, pills, capsules, powders, and similar manufactures | | | | | | | | 1,962 | 1,688 | 2,122 | 2,317 | 2,515 |
| Household pharmaceuticals in small packages: | | | | | | | 17,657 | | | | | |
| Solids | | | | | | | | 356 | 298 | 282 | 324 | 241 |
| Liquids | | | | | | | | 6,080 | 4,956 | 5,536 | 6,249 | 213 |
| Proprietary medicinal preparations | | | | | | | | | | | | 7,034 |
| Mouthwashes, gargles, and personal antiseptics | | | | | | | | 412 | 352 | 411 | 364 | 369 |
| Corn and foot remedies | | | | | | | [2] 167 | 101 | 103 | 91 | 86 | 94 |
| Plasters | | | | | | | [10] 460 | 332 | 307 | 322 | 322 | 352 |
| Liniments | | | | | | | [10] 625 | 237 | 175 | 152 | 175 | 155 |
| Salves and ointments | | | | | | | 1,993 | 1,147 | 867 | 1,009 | 1,044 | 1,219 |
| Cold, cough, and bronchial preparations | | | | | | | [10] 511 | 364 | 267 | 239 | 375 | 530 |
| Asthma, catarrh, and hay-fever preparations, including inhalants | | | | | | | | 205 | 168 | 202 | 272 | 243 |
| Malaria, chill, and fever remedies | | | | | | | 124 | 100 | 88 | 96 | 87 | 85 |
| Tonics blood purifiers, emulsions, and appetizers | | | | | | | [10] 3,220 | 1,151 | 1,020 | 1,159 | 1,362 | 1,607 |
| Laxatives, purgatives, and cathartics | | | | | | | | 766 | 593 | 622 | 762 | 890 |
| Milk of magnesia | | | | | | | [10] 283 | 163 | 139 | 187 | 151 | 149 |
| Digestive preparations | | | | | | | [2] 76 | 119 | 86 | 111 | 169 | 180 |
| Headache, neuralgia, and pain remedies | | | | | | | [2] 146 | 85 | 32 | 90 | 154 | 92 |
| Other proprietary medicinal preparations | | | | | | | | 898 | 760 | 846 | 926 | 1,070 |
| **Chemical specialties** | | | | | | | **16,866** | **14,874** | **13,445** | **15,726** | **16,904** | **20,461** |
| Nicotine sulphate ... 1,000 lbs. | [8] 326 | 220 | 155 | 181 | 369 | 541 | [8] 206 | 137 | 89 | 112 | 174 | 272 |
| Copper sulphate (blue vitriol) ... do. | 6,231 | 4,488 | 2,749 | 3,859 | 4,508 | 10,734 | 326 | 151 | 93 | 129 | 142 | 343 |
| Lead arsenate ... do. | [8] 1,643 | 1,077 | 599 | 650 | 1,157 | 828 | [8] 199 | 93 | 45 | 53 | 94 | 64 |
| Calcium arsenate ... do. | [8] 2,499 | 2,945 | 2,586 | 3,356 | 4,105 | 6,295 | [8] 135 | 121 | 101 | 131 | 169 | 274 |
| Other agricultural insecticides, etc ... do. | | 6,909 | 5,851 | 7,708 | 7,538 | 8,358 | | 624 | 540 | 639 | 627 | 763 |
| Household and industrial insecticides, and exterminators: | | | | | | | | | | | | |
| Liquids ... 1,000 lbs. | 20,093 | 4,561 | 3,460 | 3,917 | 5,349 | 4,263 | 4,236 | 1,305 | 1,189 | 1,121 | 1,203 | 1,123 |
| Solids ... do. | | | | | | 513 | | | | | | 118 |
| Household and industrial disinfectants, deodorants, etc ... 1,000 lbs. | | 1,758 | 1,486 | 1,841 | 1,573 | 2,385 | | 184 | 148 | 180 | 161 | 254 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Baking powder ... do | 4,952 | 2,956 | 2,779 | 2,753 | 2,502 | 2,251 | 1,705 | 701 | 579 | 572 | 469 | 406 |
| Flavoring extracts ... 1,000 gals | | 25 | 18 | 23 | 30 | 43 | 463 | 187 | 149 | 177 | 207 | 282 |
| Petroleum jelly ... 1,000 lbs | 6,976 | 12,302 | 11,766 | 13,665 | 14,817 | 22,177 | 901 | 729 | 669 | 776 | 799 | 1,085 |
| Tobacco extracts ... do | [12] 1,981 | 1,276 | 1,292 | 1,259 | 1,217 | 1,591 | [12] 432 | 201 | 195 | 186 | 195 | 257 |
| Dextrine or British gum ... do | 21,239 | 11,535 | 14,600 | 16,180 | 4,474 | 4,947 | 920 | 442 | 486 | 605 | 225 | 229 |
| Textile specialty compounds ... do | | 4,828 | 5,896 | 4,296 | 4,241 | 3,529 | | 249 | 219 | 226 | 271 | 346 |
| Water softeners, purifiers, boiler and feed-water compounds ... 1,000 lbs | [8] 3,092 | 2,013 | 1,969 | 1,886 | 2,351 | 2,710 | [8] 365 | 254 | 255 | 246 | 274 | 319 |
| Metal-working compounds ... do | [8] 1,809 | 1,036 | 616 | 979 | 1,846 | 2,082 | [8] 275 | 129 | 80 | 112 | 182 | 215 |
| Synthetic gums and resins (powder, flake, or liquid) [51] ... 1,000 lbs | | | | | | 4,301 | | | | | | 738 |
| Pyroxylin products, known as celluloid, pyralin, viscoloid, fiberloid, etc.: | | | | | | | | | | | | |
| Pyroxylin scrap and film scrap ... 1,000 lbs | 3,255 | 4,471 | 1,139 | 2,276 | 1,684 | 1,488 | 1,974 | 2,597 | 80 | 247 | 204 | 168 |
| Pyroxylin plastic film support (celluloid film base) ... 1,000 lbs | | | 3,332 | 3,610 | 3,203 | 3,171 | | | 2,486 | 3,229 | 2,923 | 2,797 |
| Pyroxylin sheets, rods, or tubes ... do | | 671 | 461 | 753 | 921 | 616 | | 495 | 316 | 551 | 664 | 428 |
| Cellulose acetate sheets, rods, or tubes [52] ... do | | | | | | 651 | | | | | | 482 |
| Nitro and aceto cellulose: | | | | | | | | | | | | |
| Solutions, collodion, etc ... do | [8] 1,815 | 2,650 | 2,526 | 3,096 | 3,408 | 1,175 | [8] 509 | 535 | 477 | 619 | 671 | 246 |
| Not in solution ... do | | | | | | 2,816 | | | | | | 533 |
| Radiator cements ... do | | | | | | 58 | | | | | | 17 |
| Can cements ... do | | | | | | 559 | | | | | | 121 |
| Other cementing preparations for repairing, sealing, and adhesive use ... 1,000 lbs | | 3,474 | 3,224 | 3,998 | 4,954 | 3,157 | | 515 | 430 | 611 | 660 | 370 |
| Specialty cleaning and washing compound 1,000 lbs | | 1,839 | 1,609 | 1,783 | 2,307 | 2,810 | | 187 | 157 | 168 | 245 | 345 |
| Polishes: | | | | | | | | | | | | |
| Metal and stove polishes ... do | 2,033 | 785 | 780 | 746 | 790 | 930 | 305 | 113 | 113 | 106 | 114 | 137 |
| Shoe polishes and shoe cleaners ... do | 3,016 | 1,251 | 1,094 | 1,309 | 1,464 | 1,601 | 876 | 318 | 271 | 320 | 335 | 355 |
| Leather dressings and stains ... do | 4,275 | 2,514 | 3,025 | 2,221 | 2,853 | 1,961 | 888 | 354 | 363 | 324 | 385 | 316 |
| Floor wax, wood and furniture polishes ... do | | 868 | 811 | 701 | 825 | 913 | | 160 | 150 | 129 | 148 | 163 |
| Automobile polishes ... do | | 832 | 583 | 776 | 914 | 1,116 | | 195 | 137 | 167 | 185 | 226 |
| Tanning specialty compounds ... do | | | | | | 1,785 | | | | | | 135 |
| Other chemical specialty compounds, n. e. s. | | | | | | | [8] 4,856 | 3,898 | 3,629 | 3,991 | 5,180 | 6,536 |
| **Industrial chemicals** | | | | | | | 23,871 | 18,683 | 16,241 | 20,929 | 22,815 | 22,087 |
| Acids and anhydrides: | | | | | | | | | | | | |
| Organic (exclusive of coal-tar acids) [53] ... 1,000 lbs | | 1,262 | 447 | 1,798 | 3,147 | 3,523 | | 154 | 84 | 243 | 290 | 413 |
| Inorganic: | | | | | | | | | | | | |
| Boric (boracic) ... do | [8] 3,797 | 6,009 | 5,410 | 8,303 | 8,761 | 9,257 | [8] 165 | 256 | 218 | 345 | 377 | 498 |
| Hydrochloric (muriatic) [53] ... do | | 4,849 | 3,235 | 4,041 | 6,558 | 6,093 | | 77 | 56 | 65 | 98 | 98 |
| Other inorganic acids and anhydrides [53] 1,000 lbs | 21,322 | 9,202 | 9,405 | 9,651 | 9,878 | 13,073 | 968 | 364 | 373 | 420 | 352 | 432 |

[2] 1930 only.
[8] Average for years 1928–30.
[10] Average for years 1929–30.
[12] Average for years 1927–30.
[51] Included with "Synthetic resin products" in group 9, p. 516, prior to 1936.
[52] Included under "Other industrial chemicals" prior to 1936.
[53] "Organic (exclusive of coal-tar acids)" and "Hydrochloric (muriatic)" included in "Other inorganic acids and anhydrides" prior to 1931.

## No. 528.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

| Group and article | Quantity | | | | | | Value in thousands of dollars | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 | 1926–1930 | 1931–1936 | 1933 | 1934 | 1935 | 1936 |
| Group 8.—Chemicals, etc.—Continued | | | | | | | | | | | | |
| **Industrial chemicals**—Continued. | | | | | | | | | | | | |
| Alcohols: | | | | | | | | | | | | |
| Methanol ... 1,000 gals | 540 | 773 | 1,119 | 772 | 619 | 668 | 367 | 341 | 478 | 361 | 300 | 283 |
| Butanol (butyl alcohol) [54] ... 1,000 lbs | ---------- | 2,550 | 4,891 | 3,358 | 2,135 | 3,124 | ---------- | 244 | 440 | 332 | 205 | 298 |
| Glycerin ... do | 1,099 | 3,231 | 2,120 | 4,181 | 3,354 | 1,146 | 179 | 337 | 197 | 402 | 450 | 183 |
| Other alcohols [54] ... do | [8] 2,811 | | | | 2,643 | 8,723 | 367 | | | | 252 | 977 |
| Acetone ... do | [8] 5,500 | 3,635 | 3,508 | 3,534 | 2,884 | 5,636 | [8] 492 | 295 | 255 | 324 | 296 | 456 |
| Formaldehyde (formalin) ... do | 2,670 | 2,495 | 2,373 | 2,598 | 2,498 | 1,844 | 221 | 129 | 121 | 125 | 134 | 89 |
| Citrate of lime ... do | ---------- | 5,417 | 8,036 | 6,181 | 1,579 | 10 | ---------- | 405 | 497 | 371 | 109 | 1 |
| Carbon bisulphide ... do | [8] 955 | 3,357 | 2,995 | 4,341 | 4,398 | 4,998 | [8] 181 | 164 | 141 | 209 | 200 | 226 |
| Butyl acetate ... do | | | | | | 2,890 | | | | | | 274 |
| Other organic chemicals ... do | | 11,727 | 9,458 | 16,738 | 21,236 | 15,236 | | 1,764 | 1,288 | 2,574 | 3,310 | 2,249 |
| Aluminum sulphate ... do | 47,086 | 56,584 | 56,540 | 61,763 | 66,182 | 57,576 | 549 | 571 | 544 | 594 | 685 | 578 |
| Other aluminum compounds ... do | [8] 1,135 | 1,123 | 855 | 976 | 1,382 | 2,966 | [8] 115 | 104 | 70 | 93 | 126 | 250 |
| Calcium carbide ... do | 4,297 | 2,967 | 2,310 | 2,909 | 4,496 | 4,164 | 184 | 115 | 84 | 115 | 164 | 148 |
| Calcium chloride ... do | [10] 36,775 | 47,704 | 31,421 | 61,429 | 61,471 | 55,662 | [10] 439 | 470 | 312 | 566 | 525 | 504 |
| Hydrogen peroxide (or dioxide) ... do | [10] 2,078 | 698 | 575 | 544 | 460 | 370 | [10] 344 | 108 | 91 | 86 | 68 | 52 |
| Potassium compounds (not fertilizer) ... do | 3,616 | 3,633 | 2,550 | 4,242 | 7,281 | 4,665 | 500 | 404 | 302 | 467 | 637 | 487 |
| **Sodium compounds, n. e. s** ... do | **500,694** | **473,077** | **446,151** | **483,120** | **522,861** | **514,938** | **10,548** | **8,675** | **7,739** | **8,974** | **9,476** | **9,367** |
| Bichromate and chromate ... do | 7,383 | 7,188 | 9,702 | 8,350 | 7,301 | 6,553 | 476 | 412 | 486 | 493 | 464 | 397 |
| Cyanide ... do | 1,552 | 802 | 434 | 611 | 1,006 | 750 | 243 | 114 | 66 | 89 | 141 | 117 |
| Borate (borax) ... do | 112,770 | 192,939 | 175,353 | 207,287 | 228,895 | 204,042 | 2,625 | 2,937 | 2,498 | 2,907 | 3,242 | 3,120 |
| Silicate (water glass) ... do | 57,977 | 37,975 | 43,895 | 21,304 | 15,758 | 13,282 | 532 | 332 | 320 | 213 | 203 | 202 |
| Carbonate (soda ash, sal soda) ... do | 68,348 | 63,367 | 60,836 | 69,012 | 89,336 | 90,047 | 1,269 | 894 | 810 | 990 | 1,139 | 1,095 |
| Bicarbonate (acid soda or baking soda) ... do | 19,020 | 15,268 | 14,936 | 15,196 | 13,477 | 16,529 | 357 | 262 | 246 | 254 | 227 | 275 |
| Hydroxide (caustic soda) ... do | 114,211 | 126,855 | 121,321 | 131,651 | 139,137 | 156,710 | 3,363 | 2,885 | 2,611 | 2,992 | 2,999 | 3,128 |
| Sodium phosphate ... do | ---------- | 7,377 | 7,778 | 10,181 | 7,111 | 6,922 | ---------- | 197 | 183 | 250 | 197 | 213 |
| Other sodium compounds, n. e. s ... do | 119,432 | 21,306 | 11,895 | 19,528 | 20,841 | 20,102 | 1,683 | 641 | 520 | 785 | 863 | 820 |
| Tin compounds ... do | [8] 604 | 334 | 105 | 203 | 129 | 345 | [8] 182 | 73 | 35 | 69 | 45 | 97 |
| Gases, compressed and liquified: | | | | | | | | | | | | |
| Ammonia, anhydrous ... do | [8] 2,170 | 1,383 | 1,146 | 1,257 | 1,623 | 1,740 | [8] 343 | 177 | 149 | 160 | 207 | 255 |
| Chlorine ... do | [8] 6,731 | 10,336 | 13,418 | 11,429 | 11,605 | 7,582 | [8] 249 | 249 | 277 | 265 | 295 | 244 |
| Liquified petroleum gases ... do | [8] 2,662 | 13,886 | 16,426 | 22,357 | 23,070 | 25,931 | [8] 397 | 458 | 412 | 512 | 674 | 302 |
| Other gases, n. e. s ... do | | | | | | 2,643 | | | | | | 559 |
| Other industrial chemicals | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 8,399 | 2,750 | 2,077 | 3,256 | 3,539 | 2,766 |
| **Pigments, paints, and varnishes** | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | **23,397** | **13,567** | **11,835** | **14,207** | **16,344** | **17,789** |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mineral earth pigments: | | | | | | | | | | | | |
| Ocher, umber, sienna, and other forms of iron oxide for paints ... 1,000 lbs. | 39,014 | 15,768 | 6,718 | 21,401 | 27,953 | 29,259 | 923 | 228 | 142 | 273 | 278 | 334 |
| Other mineral earth pigments (whiting, barytes, etc.) ... 1,000 lbs. | | 13,989 | 14,890 | 9,148 | 20,378 | 26,624 | | 161 | 210 | 132 | 195 | 235 |
| Chemical pigments: | | | | | | | | | | | | |
| Zinc oxide ... do | 28,938 | 3,764 | 1,443 | 2,309 | 2,281 | 2,660 | 1,868 | 280 | 122 | 196 | 171 | 190 |
| Lithopone ... do | 6,239 | 5,197 | 2,373 | 4,802 | 4,743 | 5,076 | 321 | 228 | 108 | 200 | 222 | 230 |
| Bone black and lampblack ... do | 3,434 | 1,654 | 1,344 | 1,587 | 1,385 | 1,479 | 204 | 99 | 90 | 97 | 106 | 100 |
| Carbon black ... do | 69,527 | 122,375 | 152,286 | 120,620 | 142,185 | 154,718 | 5,815 | 5,456 | 5,552 | 5,541 | 6,673 | 7,251 |
| Red lead, and litharge [55] ... do | 4,522 | 4,371 | 4,215 | 3,435 | 4,061 | 4,392 | 381 | 244 | 207 | 202 | 235 | 280 |
| White lead ... do | 12,487 | 4,654 | 2,095 | 3,121 | 4,674 | 3,723 | 973 | 267 | 120 | 203 | 278 | 266 |
| Other chemical pigments ... do | 5,668 | 6,167 | 5,467 | 7,906 | 7,007 | 7,823 | 787 | 868 | 769 | 1,120 | 1,100 | 1,287 |
| Bituminous paints, liquid and plastic | | | | | | | 612 | 382 | 340 | 412 | 411 | 266 |
| Paste and semi paste paint colors in oil, putty, and paste wood filler ... 1,000 lbs. | [10] 1,721 | 2,130 | 1,332 | 1,645 | 1,995 | 2,229 | 7,961 | 307 | 198 | 253 | 302 | 339 |
| Ready-mixed paints, stains, and enamels 1,000 gals. | | 1,567 | 1,202 | 1,813 | 2,175 | 2,153 | | 2,909 | 2,147 | 3,271 | 3,805 | 3,847 |
| Kalsomine or cold-water paints, dry ... 1,000 lbs. | [10] 8,104 | 5,366 | 4,464 | 5,001 | 6,458 | 7,834 | [10] 437 | 271 | 227 | 248 | 313 | 406 |
| Nitrocellulose (pyroxylin) lacquers: | | | | | | | | | | | | |
| Thinners for nitrocellulose lacquers ... 1,000 gals. | | 395 | 318 | 500 | 645 | 800 | | 362 | 281 | 423 | 51 | 625 |
| Pigmented ... do | 1,265 | 349 | 337 | 421 | 426 | 583 | 2,585 | 875 | 813 | 1,000 | 1,008 | 1,302 |
| Clear ... do | | 84 | 61 | 87 | 101 | 117 | | 173 | 117 | 179 | 211 | 239 |
| Varnishes (oil or spirit, and liquid dryers) ... do | | 354 | 353 | 355 | 393 | 448 | | 455 | 391 | 457 | 520 | 592 |
| **Fertilizers and fertilizer materials ... tons of 2,240 lbs.** | 1,335,703 | 1,181,687 | 1,027,726 | 1,306,301 | 1,484,080 | 1,647,923 | 17,917 | 11,454 | 8,260 | 12,537 | 14,809 | 17,784 |
| Nitrogenous fertilizer materials: | | | | | | | | | | | | |
| Ammonium sulphate ... do | 127,851 | 39,991 | 14,257 | 25,629 | 78,426 | 105,782 | 6,046 | 1,149 | 362 | 714 | 2,040 | 2,682 |
| Other nitrogenous chemical materials ... do | 15,254 | 123,743 | 91,348 | 157,819 | 136,739 | 124,840 | 754 | 3,184 | 2,152 | 3,799 | 3,134 | 2,967 |
| Nitrogenous organic waste materials ... do | | 10,983 | 11,157 | 16,751 | 12,196 | 14,337 | | 224 | 215 | 422 | 198 | 276 |
| Phosphate materials: | | | | | | | | | | | | |
| Phosphate rock: | | | | | | | | | | | | |
| High-grade hard rock ... do | 91,103 | 88,269 | 42,364 | 97,612 | 129,806 | 163,946 | 724 | 561 | 295 | 673 | 818 | 1,157 |
| Land pebble and other ... do | 895,778 | 809,988 | 786,695 | 895,881 | 974,588 | 1,045,005 | 4,203 | 3,718 | 3,249 | 4,336 | 4,956 | 5,620 |
| Superphosphate ... do | 91,470 | 50,991 | 35,371 | 59,148 | 54,965 | 68,368 | 1,429 | 535 | 334 | 606 | 534 | 688 |
| Other phosphate materials ... do | | 3,745 | 3,385 | 6,153 | 3,984 | 3,489 | | 153 | 150 | 218 | 154 | 165 |
| Potassic fertilizer materials ... do | [10] 14,542 | 29,741 | 25,077 | 24,990 | 67,842 | 91,992 | [10] 613 | 1,030 | 902 | 918 | 1,992 | 3,050 |
| Prepared fertilizer mixtures ... do | 27,508 | 3,657 | 2,600 | 2,858 | 5,440 | 4,640 | 1,167 | 130 | 80 | 100 | 187 | 149 |
| Nitrogenous phosphatic (concentrated chemical fertilizers) ... tons of 2,240 lbs. | 80,922 | 20,579 | 15,472 | 19,460 | 20,094 | 25,524 | 3,347 | 769 | 522 | 751 | 797 | 1,029 |
| **Explosives, fuses, etc.** | | | | | | | 4,072 | 1,826 | 1,527 | 2,152 | 2,439 | 2,618 |
| Explosives: | | | | | | | | | | | | |
| Smokeless powder ... 1,000 lbs. | 854 | 177 | 123 | 179 | 155 | 116 | 704 | 118 | 69 | 106 | 87 | 77 |
| Dynamite ... do | 13,840 | 6,677 | 6,053 | 7,331 | 9,846 | 12,253 | 1,964 | 868 | 794 | 933 | 1,261 | 1,568 |
| Other explosives ... do | 3,214 | 1,042 | 709 | 1,291 | 1,069 | 1,341 | 460 | 222 | 199 | 340 | 170 | 165 |
| Fuses and blasting caps: | | | | | | | | | | | | |
| Safety fuses ... 1,000 lin. ft. | 92,765 | 74,265 | 61,685 | 89,375 | 101,110 | 58,678 | 575 | 384 | 298 | 459 | 537 | 386 |
| Blasting caps ... 1,000 caps | 34,508 | 13,760 | 10,685 | 18,741 | 23,731 | 26,166 | 368 | 234 | 167 | 314 | 385 | 422 |

[9] Average for years 1928–30.

[10] Average for years 1929 and 1930.

[54] Butanol (butyl alcohol) included in "Other alcohols" prior to 1931.

[55] "Red lead" prior to Jan. 1, 1927, and "red lead, litharge, and orange mineral", Jan. 1, 1929, to Dec. 31, 1931.

## No. 528.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

| Group and article | Quantity | | | | | | Value in thousands of dollars | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 |
| Group 8.—Chemicals, etc.—Continued | | | | | | | | | | | | |
| **Soap and toilet preparations** | | | | | | | 15,998 | 7,306 | 5,436 | 6,180 | 7,208 | 8,075 |
| Soap: | | | | | | | | | | | | |
| Medicated ... 1,000 lbs. | [2] 563 | 321 | 326 | 267 | 254 | 299 | [2] 358 | 189 | 181 | 169 | 143 | 148 |
| Toilet and fancy ... do. | 7,286 | 5,855 | 5,990 | 5,969 | 7,637 | 8,914 | 2,272 | 875 | 716 | 856 | 1,073 | 1,211 |
| Laundry ... do. | 49,965 | 18,263 | 14,310 | 13,096 | 12,134 | 11,559 | 3,420 | 974 | 621 | 640 | 636 | 604 |
| Powdered or flaked ... do. | [10] 2,296 | 1,094 | 800 | 1,009 | 1,066 | 1,251 | [10] 216 | 91 | 64 | 80 | 103 | 107 |
| Shaving creams ... do. | [10] 1,127 | 422 | 261 | 342 | 391 | 3,409 | [10] 508 | 152 | 105 | 131 | 152 | 156 |
| Shaving cakes, powders, and sticks ... do. | | 348 | 254 | 194 | 229 | 248 | | 110 | 78 | 72 | 86 | 98 |
| Scouring bricks, pastes, powders, soaps, and household washing powders ... 1,000 lbs. | 7,744 | 4,745 | 3,689 | 3,701 | 4,287 | 4,409 | 502 | 333 | 279 | 270 | 296 | 320 |
| Other ... do. | 8,174 | 1,214 | 811 | 1,005 | 1,124 | 788 | 842 | 106 | 77 | 78 | 96 | 86 |
| Dental creams ... do. | 3,119 | 1,637 | 1,268 | 1,386 | 1,830 | 2,024 | 2,771 | 1,376 | 1,001 | 1,219 | 1,409 | 1,560 |
| Other dentifrices ... do. | 612 | 317 | 268 | 268 | 347 | 307 | 338 | 144 | 107 | 99 | 214 | 147 |
| Toilet powders: | | | | | | | | | | | | |
| Talcum powders in packages | | | | | | | 1,594 | 477 | 447 | 390 | 457 | 500 |
| Face and compact powder | | | | | | | | 287 | 171 | 209 | 254 | 303 |
| Creams, rouges, and other cosmetics: | | | | | | | | | | | | |
| Cold creams ... 1,000 lbs. | | 628 | 407 | 472 | 480 | 501 | 2,078 | 277 | 202 | 228 | 237 | 263 |
| Vanishing creams ... do. | | 363 | 192 | 264 | 293 | 251 | | 154 | 73 | 119 | 118 | 105 |
| Other creams, lotions, and balms | | | | | | | | 279 | 217 | 285 | 304 | 307 |
| Rouges | | | | | | | | 113 | 74 | 94 | 103 | 154 |
| Lipsticks | | | | | | | | 298 | 126 | 201 | 273 | 545 |
| Other cosmetics | | | | | | | | | 75 | 83 | 106 | 141 |
| Manicuring preparations | | | | | | | | 250 | 180 | 232 | 274 | 299 |
| Depilatories and deodorants | | | | | | | | 129 | 74 | 54 | 65 | 87 |
| Hair preparations | | | | | | | | 359 | 348 | 356 | 388 | 488 |
| Perfumery and toilet waters | | | | | | | 371 | 121 | 120 | 114 | 128 | 175 |
| Other toilet preparations | | | | | | | 1,450 | 211 | 97 | 192 | 294 | 271 |
| Group 9.—Miscellaneous | | | | | | | | | | | | |
| **Total** | | | | | | | 141,983 | 69,362 | 53,573 | 65,643 | 73,577 | 93,964 |
| **Photographic and projection goods** | | | | | | | 24,350 | 15,815 | 12,536 | 15,524 | 17,336 | 20,856 |
| Cameras ... thousands | 502 | 406 | 222 | 675 | 521 | 741 | 2,338 | 1,167 | 931 | 1,281 | 1,339 | 2,179 |
| Motion-picture: | | | | | | | | | | | | |
| Standard gage, 35 mm ... do. | | 1 | 1 | (6) | (6) | 1 | | 161 | 149 | 167 | 113 | 120 |
| Less than 35 mm ... do. | | 2 | 2 | 1 | 2 | 31 | | 50 | 45 | 39 | 72 | 845 |
| Other cameras: | | | | | | | | | | | | |
| Professional and aerial ... do. | | | | | | 1 | | | | | | 255 |
| Amateur, box type ... do. | | 404 | 220 | 674 | 519 | 500 | | 956 | 737 | 1,075 | 1,154 | 367 |
| Amateur, folding ... do. | | | | | | 208 | | | | | | 593 |
| Parts of cameras, except lenses | | | | | | | 591 | 176 | 174 | 151 | 163 | 226 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Motion-picture projectors: | | | | | | | | | | | | |
| Standard gage ... number | 3,807 | 2,840 | 2,277 | 2,479 | 3,224 | 1,454 | 731 | 391 | 311 | 374 | 478 | 383 |
| Substandard gage ... do | | | | | | 7,383 | | | | | | 304 |
| Motion-picture sound equipment | | | | | | | [2] 7,736 | 1,823 | 988 | 1,417 | 1,482 | 2,105 |
| Stereopticons, magic lanterns, and other projection apparatus | | | | | | | 2,088 | 249 | 153 | 229 | 363 | 542 |
| Motion-picture films: | | | | | | | | | | | | |
| Sensitized not exposed: | | | | | | | | | | | | |
| Less than 1 inch in width ... 1,000 lin. ft | 65,253 | 122,641 | 123,300 | 134,675 | 132,838 | 33,365 | 1,507 | 2,410 | 2,389 | 2,524 | 2,617 | 550 |
| Positive film 1 inch or more in width ... do | | | | | | 170,623 | | | | | | 1,794 |
| Negative film 1 inch or more in width ... do | | | | | | 80,330 | | | | | | 2,015 |
| Exposed ... do | 246,284 | 183,815 | 164,537 | 194,386 | 199,691 | 213,926 | 7,435 | 4,419 | 3,580 | 4,212 | 4,597 | 4,655 |
| Negative newsreels (silent and sound) [56] ... do | | | | | | 438 | | | | | | 22 |
| Other negative films, silent [56] ... do | 8,912 | 2,762 | 3,158 | 2,420 | 3,026 | 2,144 | 1,293 | 156 | 142 | 109 | 180 | 92 |
| Other negative films, sound [56] ... do | | 10,713 | 9,882 | 8,904 | 8,891 | 9,904 | | 650 | 469 | 379 | 361 | 362 |
| Positive newsreels (silent and sound) [56] ... do | | | | | | 3,837 | | | | | | 101 |
| Other positive films, silent [56] ... do | 237,372 | 8,934 | 3,801 | 3,333 | 2,206 | 1,696 | 6,143 | 209 | 79 | 79 | 61 | 52 |
| Other positive films, sound [56] ... do | | 161,407 | 147,696 | 179,730 | 185,568 | 195,907 | | 3,405 | 2,890 | 3,645 | 3,906 | 4,026 |
| Other sensitized films, not exposed: | | | | | | | | | | | | |
| Cartridge or rolls ... thousands | 21,268 | 12,922 | 9,929 | 12,641 | 15,671 | 18,442 | 4,272 | 3,045 | 2,134 | 3,192 | 3,890 | 2,797 |
| Packs or sheets ... do | | | | | | 5,637 | | | | | | 786 |
| Dry plates ... 1,000 doz | 843 | 520 | 710 | 434 | 386 | 264 | 463 | 256 | 320 | 239 | 205 | 129 |
| Photographic paper ... 1,000 lbs | 1,965 | 1,474 | 1,250 | 1,605 | 1,564 | 1,638 | 1,789 | 1,197 | 1,070 | 1,223 | 1,349 | 1,127 |
| Other photographic apparatus and supplies (including unsensitized picture films) | | | | | | | 1,588 | 681 | 484 | 681 | 853 | 1,263 |
| **Scientific and professional instruments, apparatus, and supplies** | | | | | | | **11,476** | **6,416** | **4,540** | **5,767** | **6,767** | **10,096** |
| Optical goods: | | | | | | | | | | | | |
| Spectacles, eyeglasses, goggles, lenses, n. e. s., and frames | | | | | | | 1,044 | 775 | 658 | 732 | 830 | 1,195 |
| Lenses, not fitted to instruments ... thousands | 2,762 | 141 | 137 | 165 | 230 | 268 | 427 | 30 | 34 | 26 | 35 | 97 |
| Other optical goods | | | | | | | 1,292 | 249 | 137 | 101 | 150 | 316 |
| Dental instruments and supplies [57] | | | | | | | 1,504 | 974 | 1,090 | 950 | 817 | 1,721 |
| Teeth ... thousands | 28,339 | 25,327 | 11,820 | 18,882 | 42,772 | 49,166 | 1,328 | 1,076 | 614 | 681 | 1,082 | 1,810 |
| Dental-office equipment | | | | | | | 779 | 348 | 119 | 367 | 411 | 387 |
| Sterilizers ... number | [2] 3,411 | 1,606 | 1,252 | 1,468 | 1,614 | 2,011 | [2] 238 | 157 | 84 | 140 | 165 | 170 |
| Surgical and medical instruments | | | | | | | 494 | 214 | 137 | 164 | 236 | 414 |
| Surgical appliances, artificial limbs, crutches, trusses, etc | | | | | | | 459 | 413 | 281 | 411 | 394 | 616 |
| Surveying and engineering instruments | | | | | | | 405 | 101 | 71 | 132 | 166 | 284 |
| Other scientific, laboratory, and professional instruments and apparatus | | | | | | | 3,696 | 2,082 | 1,315 | 2,081 | 2,481 | 3,085 |
| **Musical instruments** | | | | | | | 15,941 | 1,740 | 975 | 1,408 | 1,489 | 1,849 |
| Pianos ... number | 11,985 | 885 | 439 | 930 | 1,164 | 1,662 | 3,261 | 141 | 68 | 158 | 142 | 232 |
| Actions and other parts for pianos | | | | | | | 506 | 16 | 7 | 15 | 22 | 26 |
| Organs ... number | 1,379 | 292 | 134 | 319 | 372 | 566 | 327 | 87 | 34 | 72 | 79 | 182 |

[2] 1930 only. [6] Less than 500. [10] Average for years 1929 and 1930. [56] Newsreels included under negative and positive films prior to 1936. [57] Except medicinal.

## No. 528.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

| Group and article | Quantity | | | | | | Value in thousands of dollars | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 |
| Group 9.—Miscellaneous—Continued | | | | | | | | | | | | |
| **Musical instruments**—Continued. | | | | | | | | | | | | |
| Phonographs ..... number | 173,636 | 15,093 | 12,277 | 10,061 | 7,025 | 4,501 | 5,318 | 288 | 184 | 191 | 115 | 137 |
| Phonograph records ..... thousands | 8,361 | 1,694 | 1,734 | 1,466 | 949 | | 3,245 | 360 | 179 | 245 | 267 | 322 |
| Band instruments ..... number | 15,140 | 5,003 | 3,550 | 6,679 | 6,404 | | 606 | 196 | 116 | 248 | 270 | 337 |
| String instruments ..... do | 57,838 | 24,401 | 18,764 | 26,572 | 35,074 | 42,249 | 305 | 123 | 81 | 130 | 183 | 234 |
| Other musical instruments, parts, and accessories | | | | | | | 2,383 | 530 | 305 | 350 | 409 | 379 |
| **Miscellaneous office supplies** | | | | | | | **9,335** | **3,910** | **3,017** | **3,481** | **3,719** | **6,011** |
| Pencils and pens: | | | | | | | | | | | | |
| Mechanical pencils [59] ..... thousands | | | | | | 1,453 | 800 | 270 | 176 | 208 | 204 | 302 |
| Pencil leads and pencil parts | | | | | | | | | | | | 138 |
| Other pencils ..... 1,000 gross | 514 | 240 | 172 | 255 | 264 | 262 | 1,175 | 418 | 274 | 451 | 473 | 458 |
| Crayons ..... do | | | | | | 158 | | | | | | 128 |
| Fountain pens [59] ..... thousands | 1,409 | [60] 502 | 323 | 195 | | 1,163 | 1,614 | [60] 511 | 308 | 175 | | 1,364 |
| Other pens, penholders, and parts | | | | | | | | | | | | 194 |
| Pen points [61] ..... 1,000 gross | 363 | 143 | 86 | 105 | 109 | 141 | 189 | 81 | 52 | 58 | 63 | 292 |
| Writing ink | | | | | | | 233 | 140 | 109 | 857 | 190 | 242 |
| Printing and lithographic ink ..... 1,000 lbs | 10,986 | 5,459 | 4,916 | 5,406 | 5,606 | 6,572 | 1,420 | 802 | 708 | 281 | 834 | 974 |
| Other ink ..... do | 642 | [60] 236 | 213 | 250 | | | 259 | 125 | 108 | 123 | 118 | 113 |
| Paste and mucilage ..... do | 3,286 | 912 | 809 | 574 | 801 | 841 | 340 | 91 | 72 | 67 | 75 | 85 |
| Carbon paper ..... do | 1,273 | 674 | 547 | 633 | 719 | 765 | 931 | 440 | 349 | 405 | 443 | 476 |
| Typewriter ribbons ..... dozens | 228,439 | 150,699 | 151,212 | 121,845 | 142,670 | 149,569 | 667 | 352 | 303 | 284 | 321 | 340 |
| Other office supplies | | | | | | | 1,707 | 782 | 560 | 725 | 997 | 906 |
| **Toys, athletic, and sporting goods** | | | | | | | **4,770** | **2,394** | **1,623** | **2,339** | **2,993** | **3,782** |
| Toys: | | | | | | | | | | | | |
| Dolls and parts | | | | | | | 197 | 118 | 58 | 127 | 219 | 245 |
| Children's wheel goods and parts | | | | | | | [12] 709 | 144 | 85 | 126 | 192 | 267 |
| Mechanical toys | | | | | | | 203 | 146 | 57 | 152 | 252 | 502 |
| Other toys and parts, except rubber | | | | | | | 1,485 | 851 | 654 | 966 | 1,182 | 1,335 |
| Athletic and sporting goods: | | | | | | | | | | | | |
| Fishing rods, reels, hooks, bait, and tackle | | | | | | | 379 | 306 | 263 | 289 | 351 | 471 |
| Golf, tennis, foot, basket, and base balls | | | | | | | 260 | 101 | 69 | 76 | 85 | 125 |
| Other athletic and sporting goods, except shoes, clothing, and firearms | | | | | | | 1,200 | 528 | 312 | 421 | 469 | 589 |
| Amusement-park and playground devices | | | | | | | 479 | 201 | 125 | 183 | 245 | 249 |
| **Firearms and ammunition** | | | | | | | **5,509** | **2,757** | **2,652** | **4,089** | **3,211** | **4,636** |
| Firearms and ordnance: | | | | | | | | | | | | |
| Revolvers and pistols ..... number | 54,678 | 13,182 | 14,323 | 13,344 | 12,724 | 23,995 | 931 | 249 | 311 | 237 | 243 | 462 |
| Rifles ..... do | 49,095 | 25,629 | 18,145 | 36,852 | 45,078 | 125,996 | 641 | 217 | 154 | 285 | 360 | 1,269 |
| Shotguns ..... do | 54,556 | 11,976 | 10,062 | 13,110 | 14,664 | 24,883 | 471 | 109 | 78 | 110 | 138 | 223 |
| Machine and heavy ordnance guns and carriages ..... number | 688 | 658 | 929 | 1,134 | 669 | 938 | 235 | 467 | 788 | 552 | 723 | 615 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ammunition: | | | | | | | | | | | | |
| Shot shells ... thousands | | 14,193 | 11,093 | 16,570 | 17,287 | 26,133 | 814 | 312 | 241 | 353 | 383 | 413 |
| Metalic cartridges ... do | | 122,095 | 110,260 | 151,117 | 143,416 | 164,281 | 2,004 | 856 | 739 | 1,228 | 789 | 998 |
| Explosive shells and projectiles ... 1,000 lbs | 136 | 189 | 249 | 520 | 114 | 323 | 72 | 123 | 183 | 240 | 131 | 231 |
| Other, including fireworks | | | | | | | 341 | 423 | 159 | 1,083 | 445 | 426 |
| **Books, maps, pictures, and other printed matter** | | | | | | | 24,295 | 14,142 | 11,380 | 12,854 | 15,859 | 19,930 |
| Books and pamphlets | | | | | | | 12,202 | 4,206 | 3,275 | 3,857 | 4,523 | 4,895 |
| Bound educational textbooks | | | | | | | | 1,410 | 1,202 | 1,284 | 1,675 | 1,384 |
| Other bound books | | | | | | | | 2,095 | 1,617 | 2,012 | 2,208 | 2,710 |
| Unbound books in sheets | | | | | | | | 224 | 151 | 172 | 170 | 204 |
| Catalogs and pamphlets | | | | | | | | 476 | 305 | 390 | 470 | 597 |
| Geographic maps and charts | | | | | | | 271 | 50 | 34 | 42 | 64 | 86 |
| Music in books and sheets | | | | | | | 335 | 175 | 143 | 194 | 185 | 227 |
| Lithographically printed matter, except post cards and maps | | | | | | | 3,191 | 1,598 | 1,367 | 1,478 | 1,629 | 1,786 |
| Playing cards ... 1,000 packs | 6,096 | 2,681 | 2,146 | 2,321 | 2,644 | 2,888 | 683 | 272 | 225 | 266 | 258 | 278 |
| Other printed matter | | | | | | | 7,614 | 7,840 | 6,335 | 7,016 | 9,200 | 12,658 |
| **Clocks and watches** | | | | | | | 3,251 | 1,050 | 623 | 974 | 1,303 | 2,335 |
| Clocks, electric ... number | | [11] 42,866 | 41,793 | 33,764 | 66,081 | 114,159 | | [11] 110 | 78 | 97 | 181 | 300 |
| Clocks, except electric: | | | | | | | | | | | | |
| One-day alarm clocks ... thousands | 513 | 162 | 87 | 246 | 294 | 388 | 636 | 191 | 106 | 277 | 329 | 401 |
| Mantel, novelty, and wall clocks ... do | 83 | 15 | 7 | 11 | 21 | 35 | 373 | 56 | 18 | 42 | 47 | 68 |
| Other clocks and parts | | | | | | | 353 | 165 | 88 | 118 | 192 | 239 |
| Watches ... thousands | 653 | 177 | 58 | 317 | 336 | 492 | 894 | 134 | 60 | 168 | 195 | 573 |
| Without jewels ... do | 605 | 174 | 56 | 316 | 335 | 469 | 460 | 99 | 31 | 157 | 177 | 323 |
| With jewels ... do | 48 | 3 | 2 | 1 | 1 | 23 | 433 | 36 | 30 | 12 | 19 | 250 |
| Parts of watches | | | | | | | 618 | 125 | 78 | 97 | 138 | 451 |
| Time-recording devices and parts | | | | | | | [12] 473 | 290 | 193 | 175 | 221 | 304 |
| **Art works—Painting and statuary** | | | | | | | 1,927 | 1,101 | 533 | 1,373 | 1,145 | 1,124 |
| **Jewelry** | | | | | | | 1,264 | 647 | 362 | 611 | 1,036 | 2,225 |
| **Miscellaneous, n. e. s** | | | | | | | 39,865 | 19,388 | 15,333 | 17,205 | 18,720 | 21,121 |
| Bottle and container closures (all kinds, except cork, glass, and rubber stoppers) ... 1,000 gross | 3,444 | 2,346 | 1,886 | 2,625 | 3,208 | 4,005 | 716 | 609 | 572 | 697 | 750 | 955 |
| Composition roofing: | | | | | | | | | | | | |
| Asphalt roofing ... 1,000 squares | 820 | 422 | 429 | 521 | 546 | 609 | 1,081 | 391 | 361 | 450 | 494 | 565 |
| Asbestos roofing ... do | 78 | 40 | 86 | 26 | 31 | 41 | 501 | 100 | 150 | 75 | 107 | 142 |
| Other roofing ... do | 109 | 23 | 26 | 16 | 17 | 33 | 219 | 33 | 28 | 22 | 34 | 40 |
| Billiard tables and accessories | | | | | | | 367 | 94 | 57 | 75 | 112 | 129 |
| Buttons ... 1,000 gross | 1,711 | 869 | 792 | 753 | 892 | 1,400 | 440 | 213 | 175 | 210 | 285 | 453 |
| Lamps and illuminating devices except electric: | | | | | | | | | | | | |
| Incandescent mantles ... 1,000 doz | 243 | 131 | 104 | 117 | 102 | 92 | 191 | 105 | 85 | 92 | 84 | 70 |
| Lanterns, wick ... thousands | | 1,104 | 882 | 2,045 | 1,850 | 785 | | 373 | 278 | 653 | 575 | 286 |
| Gasoline pressure lamps, lanterns, and parts | | | | | | | 1,759 | 91 | 73 | 110 | 115 | 141 |
| Other lamps except electric ... thousands | | 173 | 148 | 266 | 252 | 247 | | 147 | 106 | 184 | 222 | 235 |
| Other lighting devices, except glass | | | | | | | 409 | 220 | 156 | 223 | 265 | 222 |

[11] Average for years 1932–1935.
[12] Average for years 1927–30.
[58] Refillable pencils and pencil leads prior to 1936.
[59] Parcel-post exports are excluded July 1, 1933 to Dec. 31, 1935. In 1935, exports exclusive of parcel post are included in "other office supplies."
[60] Average for years 1931–34.
[61] Includes gold in 1936.

## No. 528.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

| Group and article | Quantity | | | | | | Value in thousands of dollars | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 |
| Group 9.—Miscellaneous—Continued | | | | | | | | | | | | |
| **Miscellaneous, n. e. s.**—Continued | | | | | | | | | | | | |
| Matches ... 1,000 lbs | 1,000 | 306 | 147 | 171 | 122 | 36 | 125 | 46 | 25 | 29 | 23 | 32 |
| Fire-fighting equipment, except automotive fire engines ... number | 35,239 | | | | | | 341 | 289 | 302 | 270 | 306 | 439 |
| Fly paper, traps, and swatters | | | | | | | 121 | 31 | 22 | 30 | 21 | 31 |
| Synthetic resin products [62] ... 1,000 lbs | | | | | | 498 | [2] 174 | 260 | 214 | 303 | 474 | 271 |
| Manufactures of cellulose acetate, n. e. s.[63] ... lbs | | | | | | | | | | | | |
| Manufactures of other cellulose compounds, n. e. s.[64] ... lbs | | | | | | 20,490 | 1,266 | 241 | 149 | 205 | 249 | 20 600 |
| Brushes: | | | | | | | | | | | | |
| Tooth brushes ... doz | [2] 192,891 | 150,919 | 127,163 | 155,002 | 156,190 | 252,783 | [2] 522 | 333 | 279 | 325 | 327 | 478 |
| Toilet brushes ... do | 239,374 | 20,304 | 12,450 | 16,680 | 22,192 | 46,634 | 615 | 57 | 37 | 50 | 72 | 115 |
| Paint brushes ... do | 63,702 | 28,761 | 21,605 | 30,572 | 45,421 | 42,468 | 192 | 75 | 55 | 78 | 118 | 116 |
| Other brushes ... do | 182,596 | 201,506 | 279,624 | 205,840 | 301,287 | 278,543 | 295 | 120 | 102 | 131 | 134 | 175 |
| Combs (except wholly of metal or rubber) ... thousands | | | | | | 400 | | | | | | 19 |
| Pipes and smokers' articles | | | | | | | | | | | | 173 |
| Plates and cuts, electrotype, stereotype, halftone, lithographic, or engraved ... 1,000 lbs | 391 | 317 | 257 | 319 | 323 | 293 | 458 | 347 | 282 | 366 | 370 | 386 |
| Umbrellas and parasols ... thousands | 84 | 16 | 11 | 17 | 20 | 36 | 149 | 28 | 18 | 27 | 29 | 51 |
| Candles ... 1,000 lbs | 1,067 | 373 | 286 | 244 | 259 | 332 | 240 | 72 | 50 | 49 | 48 | 60 |
| Notions | | | | | | | 1,965 | 852 | 679 | 922 | 966 | 1,248 |
| Refrigerators, except electric ... number | 15,795 | 4,378 | 2,485 | 4,545 | 7,508 | 13,062 | 765 | 186 | 93 | 203 | 407 | 732 |
| Soda-fountain equipment | | | | | | | 486 | 183 | 94 | 152 | 218 | 399 |
| Shoe findings: | | | | | | | | | | | | |
| Heels of wood, covered or uncovered ... 1,000 lbs | 557 | 370 | 364 | 21 5 | 252 | 202 | 148 | 70 | 61 | 49 | 56 | 12 |
| Other | | | | | | | 1,339 | 461 | 378 | 447 | 458 | 500 |
| Trunks ... number | 29,562 | 7,195 | 4,315 | 7,632 | 8,958 | 12,373 | 552 | 94 | 49 | 93 | 105 | 121 |
| Coin-operated commodity-vending machines ... number | [10] 8,814 | 6,335 | 4,976 | 8,681 | 6,804 | 8,899 | [10] 398 | 279 | 220 | 457 | 308 | 399 |
| Other coin-operated machines except musical ... number | [10] 7,042 | 22,554 | 20,149 | 34,635 | 39,696 | 28,860 | [10] 539 | 688 | 450 | 1,022 | 1,099 | 931 |
| Household and personal effects | | | | | | | 14,822 | 9,538 | 7,738 | 6,771 | 7,198 | 7,234 |
| All other articles | | | | | | | 9,791 | 2,760 | 1,995 | 2,434 | 2,690 | 3,342 |

[2] 1930 only.
[10] Average for years 1929 and 1930.
[62] Includes powder, flake, and liquid prior to 1936; these are included under chemical specialties in 1936.
[63] Includes sheets, rods, and tubes prior to 1936; these are included under chemical specialties in 1936.
[64] Includes scrap, film base, sheets, rods, and tubes, prior to 1936; these are included under chemical specialtiies in 1936.

## No. 529.—IMPORTS OF MERCHANDISE BY COMMODITY GROUPS AND ARTICLES

NOTE.—See general note, p. 428. Figures represent "general imports" for the period 1926 to 1932, inclusive, and "imports for consumption" beginning 1933. Figures for 1926–30 and 1931–35 are annual averages. For a number of items data are not shown separately for all years from 1926 to 1930 and 1931 to 1935, and for this reason many averages for 2, 3, and 4 years are shown in the table. However, averages shown for group totals always cover 5 years. In some cases the detail does not add to the total because of the different periods covered by the averages. Blanks indicate no data or data not shown separately. Relatively small items, "Articles, ordinarily dutiable, imported free for supplies of American vessels or for the United States Government, etc.", are included in the proper commodity classification for 1933 to 1936. For 1930 through 1932, those articles were included in the proper group totals but not shown separately except in group 9, while prior to 1930 the total of those articles was included in group 9

| Group and article | Quantity | | | | | | Value in thousands of dollars | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 |
| **Total imports of merchandise** | | | | | | | 4,033,469 | 1,704,266 | 1,433,013 | 1,636,003 | 2,038,905 | 2,423,977 |
| GROUP 00.—ANIMALS AND ANIMAL PRODUCTS, EDIBLE | | | | | | | | | | | | |
| Total | | | | | | | 125,084 | 54,734 | 43,889 | 48,965 | 74,711 | 89,087 |
| A. Animals, edible | | | | | | | 15,372 | 2,708 | 584 | 638 | 8,863 | 12,398 |
| Cattle ... 1,000 head | 378 | 134 | 65 | 59 | 365 | 399 | 13,523 | 2,607 | 572 | 616 | 8,497 | 10,708 |
| Sheep and goats ... head | 25,264 | 2,460 | 323 | 1,508 | 6,953 | 6,887 | 200 | 14 | 4 | 12 | 30 | 41 |
| Poultry, live | | | | | | | 331 | 21 | 8 | 9 | 23 | 194 |
| Hogs ... 1,000 lbs | 11,614 | 722 | 8 | 8 | 3,414 | 17,446 | 1,320 | 65 | 1 | (1) | 313 | 1,454 |
| B. Meat products ... do | 144,782 | 66,614 | 60,684 | 65,362 | 115,059 | 152,498 | 33,356 | 12,247 | 9,293 | 12,840 | 19,178 | 25,615 |
| Beef, fresh ... do | 29,310 | 2,294 | 288 | 313 | 8,584 | 3,977 | 3,347 | 203 | 22 | 26 | 776 | 308 |
| Veal, fresh ... do | 5,369 | 139 | 57 | 12 | 173 | 104 | 851 | 11 | 2 | 1 | 14 | 9 |
| Pork, fresh ... do | 7,342 | 1,411 | 539 | 182 | 3,923 | 12,945 | 1,489 | 189 | 58 | 26 | 541 | 1,791 |
| Mutton, fresh ... do | 806 | 23 | 10 | 3 | 22 | 4 | 68 | 1 | (1) | (1) | 2 | (1) |
| Lamb, fresh ... do | 2,082 | 41 | 6 | 8 | 25 | 27 | 368 | 4 | 1 | 1 | 4 | 4 |
| Other fresh meats ... do | 3,928 | 671 | 579 | 278 | 775 | 756 | 546 | 76 | 47 | 35 | 92 | 109 |
| Poultry, dead ... do | 4,514 | 1,466 | 269 | 483 | 415 | 860 | 1,309 | 283 | 50 | 85 | 71 | 159 |
| Poultry, prepared ... do | 509 | 398 | 296 | 301 | 302 | 372 | 325 | 197 | 147 | 193 | 192 | 194 |
| Canned meats ... do | 51,206 | 41,340 | 41,476 | 46,781 | 76,653 | 87,959 | 6,458 | 3,111 | 2,711 | 3,049 | 5,626 | 8,431 |
| Beef and veal, pickled or cured ... do | 19,764 | 1,053 | 654 | 862 | 1,472 | 2,181 | 3,534 | 79 | 39 | 52 | 109 | 172 |
| Pork, hams, shoulders, and bacon ... do | | 2,588 | 1,673 | 969 | 5,297 | 26,088 | | 632 | 393 | 291 | 1,261 | 7,041 |
| Pork, pickled, salted, and other ... do | | 962 | 703 | 495 | 1,274 | 2,810 | | 303 | 217 | 194 | 359 | 734 |
| Other meats, prepared or preserved ... do | | 111 | 5 | | (1) | | | 15 | 1 | | (1) | |
| Sausage casings— | | | | | | | | | | | | |
| Sheep, lamb, and goat ... do | 19,952 | 6,148 | 6,200 | 6,915 | 7,360 | 5,507 | 15,061 | 5,979 | 4,788 | 7,870 | 8,801 | 5,086 |
| Other casings ... do | | 7,969 | 7,931 | 7,758 | 8,784 | 8,908 | | 1,164 | 817 | 1,017 | 1,330 | 1,577 |
| C. Animal oils and fats, edible ... do | [2] 2,049 | 4,855 | 287 | 2,001 | 18,895 | 22,103 | [2] 180 | 309 | 13 | 92 | 1,264 | 1,316 |

[1] Less than 500.

[2] Average for years 1928–30.

## No. 529.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1926 to 1932; "Imports for consumption" thereafter]

| Group and article | Quantity | | | | | | Value in thousands of dollars | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 |
| Group 00.—Animals, etc., edible—Continued | | | | | | | | | | | | |
| D. Dairy products | | | | | | | 31,700 | 13,167 | 11,082 | 10,891 | 15,001 | 16,103 |
| Cream ... 1,000 gals | 3,679 | 45 | 25 | (1) | 1 | 44 | 5,874 | 70 | 31 | 1 | 1 | 66 |
| Milk ... do | 4,744 | 162 | 47 | 25 | 22 | 67 | 832 | 27 | 8 | 5 | 4 | 15 |
| Milk, condensed and evaporated ... 1,000 lbs | 2,228 | 853 | 921 | 310 | 603 | 2,245 | 193 | 47 | 40 | 14 | 40 | 98 |
| Dried and malted milk ... do | 5,777 | 922 | 138 | 6 | 2,743 | 24,584 | 806 | 111 | 9 | 3 | 178 | 1,191 |
| Butter ... do | 5,279 | 5,545 | 899 | 1,253 | 22,675 | 9,874 | 1,834 | 928 | 150 | 210 | 3,577 | 2,016 |
| Cheese ... do | 76,862 | 52,715 | 49,497 | 47,533 | 48,933 | 59,849 | 22,162 | 11,985 | 10,844 | 10,659 | 11,201 | 12,717 |
| Emmenthaler or Swiss ... do | ---------- | 10,237 | 10,728 | 6,819 | 6,259 | 8,029 | ---------- | 2,606 | 2,501 | 1,753 | 1,636 | 2,238 |
| All other ... do | ---------- | 42,478 | 38,769 | 40,713 | 42,674 | 51,820 | ---------- | 9,379 | 8,343 | 8,906 | 9,565 | 10,479 |
| E. Fish ... do | 347,142 | 288,008 | 284,307 | 286,763 | 324,732 | 371,206 | 36,711 | 24,442 | 21,783 | 23,174 | 27,535 | 30,356 |
| Fish, fresh or frozen— | | | | | | | | | | | | |
| Salmon ... do | 5,603 | 5,182 | 5,083 | 5,658 | 6,399 | 10,506 | 689 | 468 | 385 | 533 | 574 | 820 |
| Fresh-water fish and eels ... do | 52,594 | 43,002 | 40,398 | 45,147 | 49,170 | 50,342 | 5,095 | 3,252 | 2,814 | 3,387 | 3,856 | 4,459 |
| Cod, haddock, hake, pollock, and cusk ... do | 863 | 1,326 | 593 | 1,942 | 2,389 | 3,440 | 46 | 60 | 27 | 85 | 106 | 151 |
| Halibut ... do | 4,705 | 3,024 | 4,086 | 2,787 | 2,701 | 5,074 | 577 | 282 | 320 | 272 | 260 | 458 |
| Mackerel ... do | 2,019 | 656 | 508 | 239 | 123 | 451 | 125 | 32 | 23 | 13 | 7 | 21 |
| Swordfish and sturgeon ... do | [3] 2,748 | 4,946 | 4,595 | 4,695 | 5,907 | 7,135 | [3] 514 | 600 | 455 | 589 | 665 | 855 |
| Other fresh fish, n. e. s ... do | 10,120 | 2,727 | 2,154 | 2,544 | 4,059 | 5,072 | 1,056 | 136 | 103 | 110 | 133 | 186 |
| Smelts ... do | 7,444 | 6,626 | 6,726 | 5,272 | 7,086 | 8,612 | 1,040 | 738 | 672 | 624 | 736 | 848 |
| Tuna fish ... do | 36,554 | 6,242 | 5,936 | 6,093 | 6,283 | 5,455 | 1,890 | 384 | 233 | 413 | 395 | 305 |
| Sea herring ... do | 36,436 | 26,380 | 25,862 | 38,198 | 39,438 | 49,887 | 269 | 198 | 148 | 290 | 335 | 388 |
| Fish, dried, unsalted ... do | 36,176 | 3,600 | 3,178 | 3,707 | 3,314 | 3,362 | 3,124 | 376 | 298 | 402 | 397 | 372 |
| Fish, in oil, etc.— | | | | | | | | | | | | |
| Sardines ... do | 27,633 | 31,678 | 33,556 | 22,693 | 28,663 | 35,787 | 4,908 | 3,276 | 2,811 | 2,597 | 3,525 | 4,610 |
| Anchovies ... do | [3] 837 | 1,931 | 1,725 | 1,895 | 2,392 | 2,434 | [3] 242 | 568 | 456 | 600 | 788 | 834 |
| Tuna fish ... do | 5,763 | 8,256 | 14,382 | 8,266 | 8,185 | 6,843 | 1,330 | 1,235 | 1,969 | 1,277 | 1,263 | 1,099 |
| Antipasto and other ... do | | | 295 | 552 | 571 | 712 | | | 77 | 131 | 163 | 195 |
| In air-tight containers (not in oil, etc.) ... do | [3] 5,552 | 15,969 | 17,827 | 12,662 | 19,696 | 19,931 | [3] 536 | 1,140 | 1,069 | 1,093 | 1,476 | 1,553 |
| Pickled or salted— | | | | | | | | | | | | |
| Salmon ... do | 2,329 | 589 | 318 | 1,221 | 498 | 265 | 369 | 72 | 32 | 182 | 61 | 29 |
| Cod, haddock, hake, pollock, and cusk ... do | [3] 25,370 | 41,883 | 40,669 | 43,137 | 44,515 | 57,987 | [3] 1,689 | 1,861 | 1,538 | 1,899 | 1,978 | 1,938 |
| Herring ... do | 42,170 | 33,731 | 29,461 | 31,808 | 33,500 | 37,672 | 2,727 | 1,760 | 1,340 | 1,593 | 1,786 | 1,816 |
| Mackerel ... do | 9,019 | 4,626 | 4,403 | 3,848 | 3,810 | 4,869 | 601 | 205 | 176 | 189 | 201 | 256 |
| Other ... do | 26,382 | 1,393 | 1,304 | 1,169 | 1,086 | 1,135 | 2,319 | 101 | 75 | 80 | 80 | 72 |
| Smoked or kippered ... do | [3] 2,409 | 3,952 | 3,100 | 3,505 | 5,228 | 6,231 | [3] 217 | 299 | 237 | 295 | 371 | 473 |
| Other prepared, or preserved fish, including pastes and sauces, n. e. s ... 1,000 lbs | [3] 964 | 474 | 280 | 294 | 818 | 484 | [3] 125 | 62 | 45 | 45 | 80 | 61 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fish, filleted, skinned, boned, etc.....do.... | 3,452 | 3,068 | 2,505 | 3,942 | 4,101 | 9,255 | 405 | 334 | 262 | 468 | 415 | 894 |
| Caviar and other fish roe.....do.... | 757 | 457 | 412 | 417 | 441 | 471 | 781 | 341 | 264 | 284 | 332 | 354 |
| Shellfish— | | | | | | | | | | | | |
| Crab meat, sauce, and paste.....do.... | 10,696 | 9,096 | 9,526 | 7,382 | 10,784 | 9,019 | 4,553 | 3,048 | 2,893 | 2,239 | 3,497 | 2,928 |
| Clams and oysters, in air-tight containers 1,000 lbs.. | [3] 288 | 1,451 | 1,515 | 1,513 | 1,436 | 1,153 | [3] 38 | 207 | 152 | 204 | 321 | 249 |
| Lobsters, not canned.....do.... | 7,581 | 10,496 | 10,623 | 10,158 | 10,020 | 11,122 | 1,861 | 1,966 | 1,734 | 1,895 | 2,100 | 2,487 |
| Lobsters, canned.....do.... | 1,603 | 1,259 | 1,469 | 918 | 898 | 865 | 970 | 551 | 485 | 469 | 411 | 471 |
| Shrimp and other shellfish.....do.... | 9,608 | 13,598 | 11,572 | 14,754 | 20,722 | 14,955 | 1,306 | 867 | 677 | 893 | 1,194 | 1,133 |
| Crabs and turtles.....do.... | | 392 | 246 | 347 | 501 | 679 | | 23 | 14 | 21 | 29 | 41 |
| **F. Other edible animal products**..... | ---- | ---- | ---- | ---- | ---- | ---- | 7,831 | 1,857 | 1,133 | 1,328 | 2,869 | 3,299 |
| Eggs— | | | | | | | | | | | | |
| Eggs of poultry in shell.....1,000 doz.. | 292 | 287 | 251 | 197 | 432 | 346 | 86 | 48 | 34 | 37 | 78 | 54 |
| Whole eggs, dried.....1,000 lbs.. | 1,269 | 313 | 10 | 1 | 602 | 533 | 674 | 95 | 3 | (1) | 172 | 162 |
| Whole eggs, frozen, prepared, etc.....do.... | 7,016 | 19 | 25 | 61 | ---- | ---- | 1,167 | 2 | 2 | 5 | ---- | ---- |
| Yolks, dried.....do.... | 5,128 | 2,613 | 1,634 | 2,320 | 3,953 | 4,902 | 2,085 | 364 | 152 | 187 | 498 | 763 |
| Yolks, frozen, prepared, etc.....do.... | 3,211 | 628 | 372 | 393 | 1,200 | 805 | 640 | 56 | 30 | 30 | 107 | 86 |
| Egg albumen, dried.....do.... | 3,199 | 1,321 | 874 | 403 | 1,876 | 2,358 | 1,677 | 503 | 370 | 184 | 824 | 958 |
| Egg albumen, frozen, prepared, etc.....do.... | 1,525 | (1) | ---- | ---- | (1) | ---- | 210 | (1) | ---- | ---- | (1) | ---- |
| Meat extract.....do.... | 583 | 346 | 234 | 340 | 336 | 303 | 731 | 198 | 124 | 176 | 150 | 137 |
| Gelatin, edible.....do.... | 2,522 | 1,555 | 1,125 | 1,249 | 1,869 | 2,837 | 561 | 592 | 419 | 709 | 1,041 | 1,139 |
| GROUP 0.—ANIMALS AND ANIMAL PRODUCTS, INEDIBLE | | | | | | | | | | | | |
| Total..... | ---- | ---- | ---- | ---- | ---- | ---- | 337,522 | 125,228 | 118,427 | 109,610 | 151,127 | 190,797 |
| **A. Hides and skins, raw (except furs)**.....1,000 lbs.[3a].. | 447,460 | 260,809 | 338,464 | 200,781 | 303,476 | 310,480 | 118,003 | 39,795 | 45,342 | 35,260 | 45,577 | 54,768 |
| Cattle hides.....do.... | 223,274 | 97,625 | 137,733 | 66,527 | 135,572 | 141,617 | 38,803 | 7,706 | 10,706 | 5,224 | 11,646 | 13,956 |
| Dry or dry salted (over 12 lbs.) 1,000 pieces.. | 641 | 118 | 180 | 31 | 119 | 192 | 3,279 | 277 | 406 | 80 | 255 | 524 |
| Dry or dry salted (over 12 lbs.) 1,000 lbs.... | 13,928 | 2,685 | 3,682 | 701 | 2,247 | 4,126 | | | | | | |
| Wet salted (over 25 lbs) 1,000 pieces.. | 4,139 | 1,839 | 2,526 | 1,306 | 2,563 | 2,865 | 35,524 | 7,429 | 10,300 | 5,144 | 11,391 | 13,432 |
| Wet salted (over 25 lbs) 1,000 lbs.... | 209,346 | 94,940 | 134,051 | 65,826 | 133,325 | 137,491 | | | | | | |
| India water buffalo (for rawhide) 1,000 pieces.. | [3] 16 | 39 | 37 | 47 | 53 | 73 | [3] 65 | 147 | 125 | 162 | 219 | 278 |
| India water buffalo (for rawhide) 1,000 lbs.... | [3] 331 | 826 | 705 | 888 | 1,153 | 1,673 | | | | | | |
| Buffalo hides, n. e. s. 1,000 pieces.. | 158 | 22 | 10 | 57 | 31 | 62 | 822 | 55 | 32 | 84 | 96 | 180 |
| Buffalo hides, n. e. s. 1,000 lbs.... | 3,540 | 438 | 279 | 637 | 726 | 1,453 | | | | | | |
| Kip and calf skins.....do.... | 45,520 | 31,103 | 44,343 | 17,896 | 22,722 | 21,208 | 13,223 | 4,349 | 6,152 | 2,890 | 3,908 | 4,226 |
| Kip skins— | | | | | | | | | | | | |
| Dry and dry salted (6 to 12 lbs.) 1,000 pieces.. | 167 | 52 | 74 | 84 | 41 | 62 | 467 | 59 | 74 | 112 | 58 | 111 |
| Dry and dry salted (6 to 12 lbs.) 1,000 lbs.... | 1,584 | 464 | 645 | 783 | 424 | 611 | | | | | | |
| Wet salted (12 to 25 lbs.) 1,000 pieces.. | 412 | 571 | 840 | 402 | 398 | 421 | 1,454 | 990 | 1,432 | 829 | 903 | 1,071 |
| Wet salted (12 to 25 lbs.) 1,000 lbs.... | 6,593 | 8,572 | 12,201 | 5,641 | 6,159 | 6,941 | | | | | | |
| Calfskins— | | | | | | | | | | | | |
| Dry and dry salted (less than 6 lbs.) 1,000 pieces.. | 2,512 | 1,054 | 2,029 | 324 | 659 | 1,020 | 3,314 | 606 | 1,100 | 222 | 486 | 801 |
| Dry and dry salted (less than 6 lbs.) 1,000 lbs.... | 6,691 | 2,683 | 5,344 | 932 | 1,923 | 2,977 | | | | | | |
| Wet salted (less than 12 lbs.) 1,000 pieces.. | 4,079 | 2,443 | 3,237 | 1,278 | 1,888 | 1,460 | 7,989 | 2,694 | 3,546 | 1,727 | 2,461 | 2,243 |
| Wet salted (less than 12 lbs.) 1,000 lbs.... | 30,651 | 19,384 | 26,153 | 10,539 | 14,217 | 10,679 | | | | | | |

[1] Less than 500. [3] June 18 to Dec. 31, 1930. [3a] Omitting reptile and hides and skins, n.e.s. (reported in pieces), beginning in 1936.

## No. 529.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1926 to 1932; "Imports for consumption" thereafter]

| Group and article | Quantity | | | | | | Value in thousands of dollars | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 |
| Group 0.—Animals, etc., inedible—Continued | | | | | | | | | | | | |
| **A. Hides and skins, raw (except fur)—Continued.** | | | | | | | | | | | | |
| Horse, colt, and ass hides ... 1,000 lbs | 13,423 | 9,384 | 11,761 | 5,965 | 12,159 | 12,043 | 1,620 | 500 | 520 | 355 | 790 | 822 |
| Dry and dry salted ... 1,000 pieces | 171 | 41 | 60 | 5 | 32 | 65 | 508 | 59 | 47 | 9 | 77 | 133 |
| Dry and dry salted ... 1,000 lbs | 2,920 | 891 | 1,190 | 160 | 825 | 1,465 | | | | | | |
| Wet salted ... 1,000 pieces | 267 | 201 | 243 | 140 | 286 | 280 | 1,112 | 441 | 473 | 346 | 713 | 689 |
| Wet salted ... 1,000 lbs | 10,503 | 8,493 | 10,571 | 5,805 | 11,333 | 10,578 | | | | | | |
| **Sheep and lamb skins** ... do | 59,898 | 41,118 | 52,556 | 35,285 | 42,617 | 50,690 | 18,389 | 6,138 | 6,945 | 6,532 | 6,699 | 10,348 |
| Wooled, dry and green ... 1,000 pieces | 3,056 | 1,642 | 1,776 | 1,475 | 2,441 | 2,596 | 2,883 | 643 | 675 | 724 | 1,059 | 1,438 |
| Wooled, dry and green ... 1,000 lbs | 11,946 | 6,570 | 7,023 | 5,876 | 8,817 | 10,115 | | | | | | |
| Slats, dry, no wool ... 1,000 pieces | 8,355 | 4,670 | 6,084 | 4,360 | 3,536 | 4,482 | 6,714 | 2,365 | 2,800 | 2,666 | 1,721 | 2,346 |
| Slats, dry, no wool ... 1,000 lbs | 18,675 | 10,446 | 13,898 | 10,072 | 7,975 | 10,484 | | | | | | |
| Pickled skins ... 1,000 pieces | 12,382 | 10,941 | 14,327 | 8,393 | 12,630 | 13,702 | 8,792 | 3,130 | 3,470 | 3,142 | 3,919 | 6,565 |
| Pickled skins ... 1,000 lbs | 29,277 | 24,101 | 31,635 | 19,337 | 25,825 | 30,091 | | | | | | |
| **Goat and kid skins** ... do | 90,669 | 70,019 | 79,345 | 64,874 | 78,224 | 75,186 | 40,382 | 17,448 | 16,647 | 17,159 | 19,018 | 21,544 |
| Dry and dry salted ... 1,000 pieces | 49,024 | 41,821 | 48,000 | 37,328 | 46,411 | 44,684 | 36,310 | 16,335 | 15,753 | 16,016 | 18,156 | 20,645 |
| Dry and dry salted ... 1,000 lbs | 74,702 | 61,949 | 71,299 | 56,656 | 71,801 | 69,824 | | | | | | |
| Green or pickled ... 1,000 pieces | 5,225 | 2,831 | 2,767 | 2,974 | 2,385 | 2,037 | 4,072 | 1,114 | 894 | 1,143 | 862 | 899 |
| Green or pickled ... 1,000 lbs | 15,967 | 8,069 | 8,046 | 8,218 | 6,423 | 5,362 | | | | | | |
| Kangaroo and wallaby ... 1,000 pieces | 751 | 781 | 981 | 504 | 1,096 | 1,151 | 654 | 435 | 506 | 346 | 720 | 632 |
| Kangaroo and wallaby ... 1,000 lbs | 864 | 829 | 1,004 | 542 | 1,213 | 1,116 | | | | | | |
| Deer and elk ... 1,000 pieces | 943 | 902 | 846 | 965 | 1,125 | 1,295 | 749 | 510 | 396 | 528 | 764 | 967 |
| Deer and elk ... 1,000 lbs | 2,448 | 2,048 | 1,973 | 2,161 | 2,482 | 2,841 | | | | | | |
| Reptile skins, raw ... do.[3b] | [4] 2,235 | 1,435 | 1,449 | 1,558 | 451 | [3b] 480 | [4] 2,643 | 1,124 | 1,697 | 653 | 225 | 264 |
| Fishskins and sealskins ... do | 6,863 | [4a] 1,914 | 2,301 | 1,217 | 2,225 | 2,654 | 2,290 | [4a] 136 | 157 | 98 | 154 | 217 |
| Other hides and skins ... do.[3b] | | 4,835 | 5,013 | 3,234 | 3,932 | [3b] 1,372 | | 1,301 | 1,460 | 1,229 | 1,337 | 1,335 |
| **B. Leather** | | | | | | | 35,517 | 8,243 | 9,240 | 6,347 | 8,186 | 9,118 |
| Sole leather ... 1,000 lbs | 7,790 | 1,120 | 1,208 | 1,314 | 1,670 | 1,510 | 2,928 | 328 | 344 | 337 | 469 | 441 |
| Leather cut into soles, blocks, etc.[5] ... do | | 163 | 248 | 4 | 63 | | 536 | 59 | 55 | 2 | 13 | 61 |
| Belting leather and welting[6] ... do | [3] 628 | 1,276 | 1,601 | 964 | 1,146 | 1,227 | [3] 314 | 531 | 660 | 524 | 586 | 716 |
| Harness leather ... do | 1,492 | 110 | 13 | 25 | 19 | 45 | 633 | 44 | 8 | 20 | 15 | 38 |
| Cattle side upper grains and finished splits ... 1,000 sq. ft. | [4] 4,018 | 1,451 | 2,366 | 596 | 191 | 18 | [4] 965 | 189 | 222 | 62 | 23 | 4 |
| Patent leather ... do | 4,711 | 203 | 233 | 199 | 92 | 441 | 1,710 | 38 | 35 | 32 | 17 | 86 |
| Calf and kip leather— | | | | | | | | | | | | |
| Whole calf and kip, upper and lining ... do | 49,986 | 8,880 | 11,115 | 4,632 | 6,621 | 7,067 | 12,483 | 2,034 | 2,190 | 1,119 | 1,761 | 2,105 |
| Side calf and kip, upper and lining ... do | | 15,899 | 18,698 | 11,599 | 19,331 | 22,193 | | 1,574 | 1,682 | 1,158 | 1,806 | 2,419 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Upholstery, bag, case, garment, and ball leather[6] | | | | | | | [3] 273 | 546 | 1,160 | 307 | 527 | 424 |
| Other bovine leather ... 1,000 lbs. | | 366 | 462 | 396 | 760 | 1,076 | [3] 73 | 92 | 87 | 107 | 168 | 259 |
| Sheep and lamb ... 1,000 sq. ft. | 2,351 | 1,059 | 1,175 | 1,189 | 1,197 | 1,550 | 459 | 221 | 223 | 277 | 266 | 359 |
| Goat and kid ... do. | 8,814 | 3,738 | 5,226 | 2,593 | 2,846 | 1,199 | 4,076 | 999 | 1,170 | 751 | 666 | 344 |
| Reptilian and shark skin leather ... 1,000 pieces | [3] 286 | 539 | 815 | 70 | 42 | 14 | [4] 3,012 | 286 | 282 | 26 | 11 | 6 |
| Glove leather, seal leather, skivers, chamois skins, etc. | | | | | | | 1,552 | 542 | 488 | 542 | 708 | 1,078 |
| Rough tanned leather ... 1,000 lbs. | 11,179 | 351 | 356 | 510 | 426 | 373 | 6,247 | 217 | 201 | 353 | 240 | 261 |
| Leather (not bovine) for manufacture of footwear | | | | | | | [3] 9 | 24 | 40 | 31 | 14 | 21 |
| Grained, embossed, etc., or fancy leather ... 1,000 sq. ft. | [3] 1,053 | 1,295 | 1,089 | 1,510 | 2,198 | 1,306 | [3] 362 | 518 | 393 | 699 | 897 | 495 |
| All other leather | | | | | | | 2,518 | | | | | |
| **C. Leather manufactures** | | | | | | | 27,450 | 11,258 | 8,248 | 8,306 | 7,821 | 8,320 |
| Boots and shoes (all leather) ... 1,000 prs. | 3,004 | 2,170 | 2,049 | 2,301 | 1,668 | 2,097 | 8,796 | 2,930 | 2,125 | 2,315 | 1,882 | 2,186 |
| Men's and boys' ... do. | [3] 91 | 173 | 192 | 172 | 177 | 231 | [3] 495 | 539 | 475 | 456 | 539 | 663 |
| Women's and misses' ... do. | [3] 387 | 1,886 | 1,786 | 1,929 | 1,385 | 1,784 | [3] 978 | 2,274 | 1,574 | 1,708 | 1,255 | 1,455 |
| Children's ... do. | [3] 39 | 111 | 71 | 200 | 105 | 82 | [3] 89 | 116 | 76 | 150 | 88 | 68 |
| Slippers and moccasins ... do. | 597 | 104 | 38 | 84 | 60 | 63 | 795 | 74 | 13 | 26 | 22 | 30 |
| Footwear with fabric uppers[7] ... do. | 1,167 | 2,927 | 2,105 | 2,580 | 2,852 | 3,133 | 324 | 436 | 253 | 367 | 421 | 425 |
| Gloves ... do. | 12,735 | 7,139 | 5,880 | 4,962 | 4,943 | 5,212 | 12,467 | 6,305 | 4,780 | 4,689 | 4,391 | 4,416 |
| Women's and children's ... do. | 12,638 | 7,120 | 5,863 | 4,947 | 4,928 | 5,190 | 12,328 | 6,276 | 4,759 | 4,667 | 4,365 | 4,378 |
| Men's ... do. | 98 | 20 | 17 | 14 | 16 | 22 | 139 | 29 | 21 | 22 | 27 | 38 |
| Bags, baskets, belts, boxes, cases, etc. | | | | | | | 3,330 | 983 | 644 | 475 | 621 | 673 |
| All other leather manufactures | | | | | | | 1,737 | 530 | 433 | 434 | 483 | 590 |
| **D. Furs and manufactures** | | | | | | | 114,785 | 43,125 | 37,447 | 40,664 | 53,161 | 81,609 |
| **Furs, undressed** | | | | | | | 101,071 | 38,566 | 33,330 | 38,165 | 48,247 | 74,723 |
| Badger ... 1,000 pieces | [3] 52 | 148 | 132 | 152 | 118 | 109 | [3] 225 | 464 | 267 | 420 | 340 | 289 |
| Beaver ... do. | 100 | 59 | 67 | 28 | 60 | 51 | 2,538 | 646 | 685 | 259 | 556 | 648 |
| Caracul ... do. | [2] 196 | 60 | 24 | 13 | 12 | 8 | [2] 309 | 94 | 97 | 16 | 36 | 39 |
| Coney and rabbit ... do. | | | | | | 128,354 | 20,171 | 7,829 | 6,485 | 8,226 | 13,973 | 20,921 |
| Ermine ... do. | [2] 780 | 622 | 671 | 642 | 426 | 747 | [2] 1,651 | 605 | 572 | 714 | 376 | 750 |
| Fitch ... do. | [2] 1,197 | 1,072 | 1,108 | 789 | 888 | 872 | [2] 4,231 | 1,347 | 1,139 | 924 | 859 | 742 |
| Fox, other than silver or black ... do. | 1,525 | 905 | 882 | 593 | 811 | 1,074 | 14,256 | 4,913 | 4,360 | 3,754 | 4,010 | 6,345 |
| Guanaquito ... do. | [2] 261 | 217 | 242 | 217 | 107 | 185 | [2] 738 | 219 | 193 | 317 | 120 | 186 |
| Hare ... do. | | | | | | 8,686 | 2,585 | 476 | 315 | 561 | 776 | 1,330 |
| Kolinski ... do. | [2] 524 | 719 | 736 | 689 | 763 | 917 | [2] 1,738 | 888 | 780 | 1,049 | 907 | 1,355 |
| Lamb, kid, sheep, and goat skin furs ... do. | [2] 8,498 | 7,059 | 7,217 | 5,734 | 8,698 | 11,573 | [2] 16,169 | 9,574 | 7,637 | 9,830 | 12,865 | 25,717 |
| Marmot ... do. | [2] 1,748 | 803 | 841 | 726 | 748 | 876 | [2] 2,962 | 613 | 500 | 714 | 788 | 1,000 |
| Marten ... do. | 153 | 72 | 48 | 52 | 66 | 102 | 2,707 | 711 | 440 | 582 | 726 | 1,477 |
| Mink ... do. | 711 | 1,039 | 1,062 | 1,056 | 1,194 | 858 | 3,105 | 2,116 | 2,093 | 2,547 | 2,641 | 3,438 |
| Mole ... do. | 4,315 | 1,577 | 1,243 | 1,225 | 2,210 | 1,901 | 528 | 115 | 82 | 99 | 175 | 157 |
| Monkey ... do. | [2] 202 | 28 | 101 | 7 | 2 | (1) | [2] 430 | 11 | 44 | 1 | 1 | (1) |
| Muskrat ... do. | 1,056 | 820 | 1,499 | 456 | 801 | 465 | 1,573 | 657 | 973 | 436 | 857 | 671 |
| Nutria ... do. | 91 | 47 | 78 | 48 | 48 | 44 | 443 | 134 | 217 | 122 | 148 | 208 |

[1] Less than 500.
[2] Average for years 1928–30.
[3] June 18 to Dec. 31, 1930.
[3a] 1,000 pieces beginning 1936.
[4] Average for years 1929 and 1930.
[4a] Average for years 1933–35.
[5] Leather cut into shoe parts prior to June 18, 1930.
[6] Welting included under "Upholstery, bag, case, etc.", beginning 1933.
[7] Includes rubber-soled footwear with fabric uppers prior to 1933.

## No. 529.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1926 to 1932; "Imports for consumption" thereafter]

| Group and article | Quantity | | | | | | Value in thousands of dollars | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 | 1926–1930 | 1931–1935 | 1933 | 1934 | 1935 | 1936 |
| Group 0.—Animals, etc., inedible—Continued | | | | | | | | | | | | |
| **D. Furs and manufactures—Continued.** | | | | | | | | | | | | |
| Furs, undressed—Continued. | | | | | | | | | | | | |
| Opossum ... 1,000 pieces | [2] 508 | 295 | 182 | 229 | 224 | 226 | [2] 575 | 164 | 140 | 109 | 117 | 175 |
| Otter ... do | [2] 30 | 29 | 40 | 32 | 36 | 40 | [2] 352 | 143 | 154 | 159 | 192 | 236 |
| Pony ... do | [2] 156 | 129 | 108 | 68 | 211 | 240 | [2] 551 | 555 | 479 | 423 | 1,062 | 1,265 |
| Raccoon ... do | [3] 21 | 80 | 66 | 93 | 61 | 105 | [3] 90 | 318 | 194 | 450 | 236 | 448 |
| Sable ... do | [3] 5 | 14 | 21 | 10 | 12 | 4 | [3] 290 | 435 | 580 | 341 | 555 | 279 |
| Skunk ... do | [2] 162 | 121 | 268 | 87 | 61 | 131 | [2] 334 | 93 | 177 | 77 | 31 | 136 |
| Squirrel ... do | 10,021 | 6,002 | 7,454 | 5,751 | 4,693 | 5,073 | 8,483 | 1,993 | 2,229 | 2,248 | 1,567 | 1,830 |
| Weasel ... do | [2] 1,513 | 1,818 | 1,722 | 2,121 | 1,994 | 2,168 | [2] 2,385 | 1,433 | 1,014 | 2,030 | 1,632 | 1,834 |
| Wolf ... do | [2] 153 | 78 | 77 | 68 | 82 | 156 | [2] 2,191 | 472 | 449 | 330 | 392 | 1,001 |
| Other furs, undressed | | | | | | | 23,792 | 1,548 | 1,034 | 1,428 | 2,311 | 2,245 |
| **Furs dressed on the skin, not advanced beyond dyeing** | | | | | | | **6,430** | **2,472** | **2,325** | **966** | **1,667** | **2,374** |
| Coney and rabbit ... 1,000 pieces | [2] 2,641 | 768 | 1,253 | 609 | 379 | 178 | [2] 1,240 | 235 | 255 | 292 | 168 | 109 |
| Dog, goat, and kid ... do | [2] 2,131 | 1,499 | 1,765 | 449 | 494 | 735 | [2] 5,596 | 1,371 | 1,233 | 325 | 480 | 754 |
| Lamb and sheep ... do | [2] 303 | 119 | 68 | 35 | 175 | 171 | [2] 1,073 | 386 | 116 | 77 | 709 | 602 |
| Silver or black fox, dressed or undressed ... 1,000 pieces | [2] 2 | 3 | 2 | 1 | 1 | 16 | [2] 160 | 88 | 62 | 28 | 45 | 734 |
| Other dressed furs | | | | | | | [2] 751 | 392 | 659 | 244 | 266 | 175 |
| **Manufactures of fur—** | | | | | | | | | | | | |
| Cut fur for hatters' use, including fur skins carroted ... 1,000 lbs | 146 | 22 | 4 | 6 | 68 | 6 | 315 | 18 | 5 | 5 | 47 | 3 |
| Plates, mats, etc., of dog, goat, and kid skins, dressed ... 1,000 pieces | 868 | 328 | 385 | 213 | 568 | 682 | 2,471 | 1,007 | 1,107 | 758 | 1,779 | 2,036 |
| Fur-felt hats— | | | | | | | | | | | | |
| For men and boys ... thousands | 1,196 | 123 | 107 | 107 | 110 | 112 | 2,636 | 279 | 232 | 258 | 257 | 266 |
| For women and girls ... do | | 328 | 169 | 204 | 494 | 676 | | 319 | 148 | 223 | 487 | 703 |
| Plates, mats, etc., except those of dog, goat, and kid skins | | | | | | | 1,862 | 464 | 274 | 255 | 617 | 1,438 |
| Other manufactures | | | | | | | | | 24 | 34 | 59 | 67 |
| **E. Animal oils, fats, and greases, inedible** | | | | | | | **10,884** | **8,541** | **5,340** | **5,797** | **18,490** | **9,541** |
| Whale oil ... 1,000 gals | 8,020 | 6,165 | 6,362 | 2,665 | 3,076 | 3,746 | 3,689 | 2,395 | 2,556 | 1,004 | 701 | 835 |
| Cod oil ... do | 4,577 | 2,266 | 2,115 | 1,459 | 2,678 | 2,800 | 3,221 | 636 | 450 | 391 | 810 | 1,006 |
| Cod-liver oil ... do | | 2,899 | 3,433 | 3,470 | 4,607 | 5,790 | | 1,799 | 1,711 | 2,191 | 2,975 | 3,547 |
| Other fish oils ... do | 5,218 | 1,243 | 902 | 430 | 163 | 174 | 1,851 | 189 | 96 | 190 | 78 | 51 |
| Wool grease ... 1,000 lbs | 10,387 | 4,681 | 4,395 | 4,597 | 5,627 | 6,570 | 380 | 169 | 137 | 176 | 272 | 328 |
| Tallow ... do | [2] 10,629 | 58,215 | 239 | 42,813 | 245,851 | 68,936 | 1,043 | 2,959 | 7 | 1,625 | 13,104 | 3,558 |
| Stearic acid ... do | | 5,142 | 5,403 | 2,160 | 5,507 | 1,817 | 701 | 319 | 329 | 175 | 409 | 164 |
| Grease and oils, n. e. s | | | | | | | | 75 | 54 | 45 | 140 | 52 |