

Table 1 Numbers of Employees by Industry

(Unit : 1,000 Persons)

| Industry | | 1907 | 1919 | 1922 | 1931 | 1937 | |
|---|--|---------------|---------------|---------------|---------------|---------------|---------------|
| Primary Industry Total | | 15,448 | 61.6% | 14,644 | 54.7% | 14,708 | 53.3% |
| Agriculture & Forestry | | 14,761 | 58.9% | 14,115 | 52.7% | 14,159 | 51.3% |
| Manufacturing, Mining & Construction Total | | 4,068 | 16.2% | 5,586 | 20.9% | 5,893 | 21.3% |
| Mining | | 233 | 0.9% | 424 | 1.6% | 260 | 0.9% |
| Construction | | 600 | 2.4% | 780 | 2.9% | 836 | 3.0% |
| Manufacturing | | 3,199 | 12.8% | 4,294 | 16.0% | 4,691 | 17.0% |
| Textile Industry | | 884 | 3.5% | 1,339 | 5.0% | 1,438 | 5.2% |
| Wood & Bamboo Products | | 540 | 2.2% | 510 | 1.9% | 652 | 2.4% |
| Food & Beverage Industry | | 448 | 1.8% | 493 | 1.8% | 603 | 2.2% |
| Clothing Industry | | 420 | 1.7% | 465 | 1.7% | 493 | 1.8% |
| Metal Industry | | 282 | 1.1% | 444 | 1.7% | 461 | 1.7% |
| Ceramic, Clay & Stone Manufacturing | | 164 | 0.7% | 237 | 0.9% | 179 | 0.6% |
| Machinery & Tool Industry | | 142 | 0.6% | 350 | 1.3% | 399 | 1.4% |
| Chemical Industry | | 109 | 0.4% | 125 | 0.5% | 174 | 0.6% |
| Paper & Paper Products | | 99 | 0.4% | 104 | 0.4% | 125 | 0.5% |
| Printing & Bookbinding Industry | | 50 | 0.2% | 78 | 0.3% | 100 | 0.4% |
| Leather, Bone & Feather Products | | 31 | 0.1% | 36 | 0.1% | 29 | 0.1% |
| <u>Textiles Total</u> | | 1,304 | 5.2% | 1,804 | 6.7% | 1,930 | 7.0% |
| Heavy & Chemical Industries | | 632 | 2.5% | 1,024 | 3.8% | 1,158 | 4.2% |
| Gas, Electricity and Water Supply | | 36 | 0.1% | 88 | 0.3% | 108 | 0.4% |
| Tertiary Industry Total | | 5,557 | 22.2% | 6,549 | 24.5% | 7,014 | 25.4% |
| Commerce | | 2,761 | 11.0% | 3,215 | 12.0% | 2,775 | 10.0% |
| Finance & Insurance | | n.a. | n.a. | n.a. | n.a. | 158 | 0.6% |
| Transportation & Communication | | 759 | 3.0% | 962 | 3.6% | 1,059 | 3.8% |
| Domestic Service | | 823 | 3.3% | 880 | 3.3% | 665 | 2.4% |
| Total Employees | | 25,078 | 100.0% | 26,780 | 100.0% | 27,616 | 100.0% |
| Total Population | | 47,654 | | 55,033 | | 57,390 | |
| | | | | | | 65,458 | |
| | | | | | | | 70,630 |

(Source) Umemura et al.(1988), Table nos.1, 2, 8 & 9.

(Notes) Although the data are not continuous before and after 1920, it is not problematic for us to understand the rough changes. Data of the colonies are not included. Textiles' mean the total of 'Textile Industry' and 'Clothing Industry'. 'Heavy & Chemical Industries' include 'Metal Industry', 'Machinery & Tool Industry', 'Chemical Industry'and 'Paper & Paper Products'. 'n.a.'means 'data not available.'

Table 2 Significance of Japanese Cotton Industry in Foreign Trade

1. Commodity Imports

(Unit: million yen)

| Year | Commodity Imports | | | | | | | Total (7) | | | |
|------|-------------------|-------------------|---------|--------------------|---------|----------------|----------|--------------|-----------------------|---------|---------|
| | Cotton Yarn (1) | Cotton Fabric (2) | (1)+(2) | Textiles Total (3) | (3)/(7) | Raw Cotton (4) | Wool (5) | (4)+(5) | Textile Materials (6) | (6)/(7) | |
| 1874 | 4.2 | 5.6 | 9.8 | 12.9 | 54.2% | 1.1 | | 1.1 | 1.1 | 4.6% | 23.8 |
| 1875 | 4.1 | 5.4 | 9.5 | 16.0 | 51.8% | 0.4 | | 0.4 | 0.4 | 1.3% | 30.9 |
| 1876 | 7.2 | 5.0 | 12.2 | 13.8 | 56.6% | 0.5 | | 0.5 | 0.5 | 2.0% | 24.4 |
| 1877 | 4.1 | 4.9 | 9.0 | 14.6 | 52.3% | 0.4 | | 0.4 | 0.4 | 1.4% | 27.9 |
| 1878 | 7.2 | 4.2 | 11.4 | 18.9 | 56.8% | 0.3 | | 0.3 | 0.5 | 1.5% | 33.3 |
| 1879 | 6.2 | 5.0 | 11.2 | 18.2 | 55.3% | 0.1 | | 0.1 | 0.2 | 0.6% | 32.9 |
| 1880 | 7.7 | 5.8 | 13.5 | 20.4 | 55.4% | 0.2 | | 0.2 | 0.3 | 0.8% | 36.8 |
| 1881 | 7.3 | 5.5 | 12.8 | 17.9 | 59.3% | 0.2 | | 0.2 | 0.3 | 1.0% | 30.2 |
| 1882 | 6.6 | 5.0 | 11.6 | 14.8 | 50.3% | 0.5 | | 0.5 | 0.5 | 1.7% | 29.4 |
| 1883 | 6.2 | 4.2 | 10.4 | 13.8 | 47.8% | 0.3 | 0.1 | 0.4 | 0.4 | 1.4% | 28.9 |
| 1884 | 5.2 | 2.8 | 8.0 | 12.5 | 40.1% | 0.6 | 0.0 | 0.6 | 0.6 | 1.9% | 31.2 |
| 1885 | 5.2 | 2.5 | 7.7 | 12.2 | 39.4% | 0.8 | 0.1 | 0.9 | 0.9 | 2.9% | 31.0 |
| 1886 | 5.9 | 2.9 | 8.8 | 12.7 | 38.6% | 0.7 | 0.2 | 0.9 | 0.9 | 2.7% | 32.9 |
| 1887 | 8.3 | 2.3 | 10.6 | 19.4 | 41.8% | 0.9 | 0.2 | 1.1 | 1.2 | 2.6% | 46.4 |
| 1888 | 13.7 | 3.4 | 17.1 | 27.6 | 41.4% | 2.2 | 0.3 | 2.5 | 2.6 | 3.9% | 66.6 |
| 1889 | 12.6 | 4.7 | 17.3 | 26.1 | 38.6% | 5.7 | 0.3 | 6.0 | 6.1 | 9.0% | 67.6 |
| 1890 | 10.0 | 4.7 | 14.7 | 24.4 | 29.3% | 5.4 | 0.4 | 5.8 | 5.9 | 7.1% | 83.3 |
| 1891 | 5.7 | 4.1 | 9.8 | 16.4 | 25.5% | 8.2 | 0.2 | 8.4 | 8.6 | 13.4% | 64.4 |
| 1892 | 7.3 | 3.4 | 10.7 | 20.5 | 27.6% | 13.6 | 0.3 | 13.9 | 12.8 | 17.3% | 74.2 |
| 1893 | 7.4 | 4.7 | 12.1 | 23.0 | 25.8% | 16.2 | 0.4 | 16.6 | 16.9 | 19.0% | 89.0 |
| 1894 | 8.1 | 5.7 | 13.8 | 24.5 | 20.9% | 19.6 | 0.6 | 20.2 | 20.7 | 17.6% | 117.4 |
| 1895 | 7.4 | 7.0 | 14.4 | 30.1 | 23.3% | 24.8 | 1.1 | 25.9 | 26.6 | 20.6% | 129.0 |
| 1896 | 11.5 | 6.9 | 18.4 | 47.2 | 26.2% | 32.6 | 1.0 | 33.6 | 34.5 | 19.1% | 180.4 |
| 1897 | 9.9 | 9.5 | 19.4 | 35.3 | 15.4% | 43.6 | 1.1 | 44.7 | 45.7 | 19.9% | 229.6 |
| 1898 | 8.9 | 10.7 | 19.6 | 36.8 | 12.7% | 45.7 | 1.6 | 47.3 | 48.2 | 16.7% | 288.9 |
| 1899 | 5.3 | 8.9 | 14.2 | 29.8 | 12.9% | 62.2 | 4.3 | 66.5 | 68.4 | 29.5% | 231.9 |
| 1900 | 7.4 | 18.1 | 25.5 | 52.0 | 16.5% | 59.5 | 3.9 | 63.4 | 65.7 | 20.8% | 315.8 |
| 1901 | 4.9 | 7.9 | 12.8 | 27.2 | 9.5% | 60.7 | 3.1 | 63.8 | 65.5 | 22.8% | 287.6 |
| 1902 | 1.7 | 13.6 | 15.3 | 33.4 | 11.3% | 79.8 | 3.4 | 83.2 | 85.4 | 28.8% | 296.7 |
| 1903 | 0.8 | 10.8 | 11.6 | 27.8 | 8.5% | 69.5 | 4.8 | 74.3 | 77.0 | 23.4% | 328.8 |
| 1904 | 0.3 | 9.2 | 9.5 | 30.4 | 8.0% | 73.4 | 10.0 | 83.4 | 68.1 | 17.9% | 380.1 |
| 1905 | 1.7 | 18.4 | 20.1 | 61.4 | 12.3% | 110.6 | 8.3 | 118.9 | 122.9 | 24.6% | 499.1 |
| 1906 | 4.7 | 19.4 | 24.1 | 56.7 | 12.1% | 82.7 | 9.2 | 91.9 | 96.1 | 20.5% | 468.2 |
| 1907 | 2.0 | 17.9 | 19.9 | 50.7 | 9.8% | 115.6 | 14.4 | 130.0 | 134.7 | 26.1% | 515.9 |
| 1908 | 1.4 | 18.1 | 19.5 | 43.4 | 9.4% | 90.3 | 6.9 | 97.2 | 100.3 | 21.7% | 462.9 |
| 1909 | 0.9 | 14.3 | 15.2 | 38.9 | 9.0% | 108.3 | 9.1 | 117.4 | 120.8 | 28.0% | 430.9 |
| 1910 | 0.3 | 13.9 | 14.2 | 41.9 | 8.0% | 159.2 | 13.5 | 172.7 | 177.6 | 34.0% | 522.8 |
| 1911 | 0.7 | 14.3 | 15.0 | 43.7 | 7.5% | 147.1 | 11.3 | 158.4 | 163.1 | 28.1% | 581.3 |
| 1912 | 0.6 | 100.0 | 100.6 | 36.0 | 5.2% | 201.2 | 16.3 | 217.5 | 226.4 | 32.6% | 693.6 |
| 1913 | 0.5 | 10.3 | 10.8 | 39.7 | 4.8% | 234.5 | 17.0 | 251.5 | 260.5 | 31.3% | 831.3 |
| 1914 | 0.2 | 5.5 | 5.7 | 26.8 | 3.9% | 220.5 | 14.8 | 235.3 | 260.0 | 38.1% | 682.7 |
| 1915 | 0.2 | 4.9 | 5.1 | 15.6 | 2.5% | 218.5 | 30.6 | 249.1 | 261.9 | 41.5% | 630.5 |
| 1916 | 0.3 | 4.4 | 4.7 | 20.5 | 2.3% | 277.6 | 33.5 | 311.1 | 324.3 | 37.1% | 875.0 |
| 1917 | 0.6 | 3.7 | 4.3 | 23.7 | 2.0% | 334.7 | 52.1 | 386.8 | 411.8 | 34.6% | 1,189.8 |
| 1918 | 0.9 | 6.3 | 7.2 | 41.8 | 2.2% | 522.6 | 60.1 | 582.7 | 616.6 | 32.6% | 1,890.2 |
| 1919 | 5.5 | 7.7 | 13.2 | 62.3 | 2.5% | 674.6 | 61.3 | 735.9 | 765.6 | 30.8% | 2,483.1 |
| 1920 | 4.5 | 16.2 | 20.7 | 93.7 | 3.5% | 727.4 | 121.6 | 849.0 | 871.6 | 33.0% | 2,641.3 |
| 1921 | 1.8 | 9.2 | 11.0 | 98.3 | 5.0% | 438.2 | 32.2 | 470.4 | 496.7 | 25.4% | 1,958.3 |
| 1922 | 2.2 | 14.4 | 16.6 | 159.7 | 7.2% | 427.8 | 55.7 | 483.5 | 512.8 | 23.2% | 2,206.1 |
| 1923 | 2.2 | 8.0 | 10.2 | 188.4 | 8.0% | 513.2 | 80.0 | 593.2 | 630.9 | 26.9% | 2,349.3 |
| 1924 | 3.4 | 12.9 | 16.3 | 201.5 | 6.8% | 605.3 | 88.0 | 693.3 | 743.7 | 25.0% | 2,973.4 |
| 1925 | 1.9 | 10.9 | 12.8 | 185.8 | 6.0% | 923.4 | 121.1 | 1,044.5 | 1,100.3 | 35.3% | 3,115.6 |
| 1926 | 1.0 | 6.8 | 7.8 | 133.7 | 4.6% | 725.9 | 86.0 | 811.9 | 854.0 | 29.3% | 2,916.6 |
| 1927 | 0.9 | 7.7 | 8.6 | 139.6 | 5.2% | 624.6 | 101.7 | 726.3 | 763.1 | 28.2% | 2,710.5 |
| 1928 | 1.6 | 7.9 | 9.5 | 129.0 | 4.7% | 549.9 | 111.9 | 661.8 | 701.8 | 25.8% | 2,723.6 |
| 1929 | 1.8 | 8.9 | 10.7 | 105.2 | 3.8% | 573.0 | 101.8 | 674.8 | 717.6 | 26.2% | 2,740.0 |
| 1930 | 1.9 | 5.1 | 7.0 | 76.6 | 3.9% | 362.0 | 73.6 | 435.6 | 463.4 | 23.4% | 1,981.7 |
| 1931 | 15.6 | 4.4 | 20.0 | 80.8 | 4.9% | 296.3 | 86.1 | 382.4 | 401.9 | 24.2% | 1,662.0 |
| 1932 | 5.9 | 4.2 | 10.1 | 63.5 | 3.3% | 447.4 | 87.6 | 535.0 | 558.1 | 29.1% | 1,915.5 |
| 1933 | 14.5 | 3.0 | 17.5 | 76.0 | 3.1% | 604.8 | 164.2 | 769.0 | 801.6 | 32.9% | 2,436.5 |
| 1934 | 13.3 | 1.0 | 14.3 | 60.6 | 2.1% | 731.4 | 186.5 | 917.9 | 956.2 | 32.5% | 2,937.8 |
| 1935 | 5.2 | 1.2 | 6.4 | 63.0 | 1.9% | 714.3 | 191.8 | 906.1 | 950.7 | 29.4% | 3,236.4 |
| 1936 | 4.3 | 1.0 | 5.3 | 66.4 | 1.8% | 850.5 | 200.9 | 1,051.4 | 1,106.0 | 30.8% | 3,592.5 |
| 1937 | 4.1 | 0.8 | 4.9 | 80.9 | 1.7% | 851.2 | 298.4 | 1,149.6 | 1,202.6 | 25.5% | 4,712.4 |

(Sources) Seki (1956), pp. 302-7; Kajinishi (ed.) (1964), appendix, pp. 62-3, 68; Yamazawa & Yamamoto (1979), pp. 176

Table 2 (Continued)
2. Commodity Exports
(Unit: million yen)

| Year | Commodity Exports | | | | | Total (5) |
|------|--------------------|----------------------|---------|-----------------|-------------------------|---------------|
| | Cotton Yarn (1) | Cotton Fabric (2) | (1)+(2) | Raw Silk (3) | Textiles (1)+(2)+(3) | |
| 1874 | | 0.0 | 0.0 | 5.3 | 5.3 | 5.7 30.3% |
| 1875 | | 0.0 | 0.0 | 5.4 | 5.4 | 5.8 32.0% |
| 1876 | | 0.0 | 0.0 | 13.2 | 13.2 | 13.8 50.7% |
| 1877 | | 0.0 | 0.0 | 9.6 | 9.6 | 10.0 43.7% |
| 1878 | | 0.0 | 0.0 | 7.9 | 7.9 | 8.6 33.3% |
| 1879 | | 0.0 | 0.0 | 9.7 | 9.7 | 11.2 40.3% |
| 1880 | | 0.0 | 0.0 | 8.6 | 8.6 | 10.1 35.9% |
| 1881 | | 0.0 | 0.0 | 10.7 | 10.7 | 12.9 42.0% |
| 1882 | | 0.0 | 0.0 | 16.3 | 16.3 | 18.8 50.1% |
| 1883 | 0.1 | 0.1 | 16.2 | 16.3 | 18.6 | 51.7% |
| 1884 | 0.1 | 0.1 | 11.0 | 11.1 | 13.5 | 41.0% |
| 1885 | 0.2 | 0.2 | 13.0 | 13.2 | 15.0 | 41.4% |
| 1886 | 0.2 | 0.2 | 17.4 | 17.6 | 21.2 | 44.4% |
| 1887 | 0.2 | 0.2 | 19.4 | 19.6 | 23.7 | 45.8% |
| 1888 | 0.2 | 0.2 | 26.0 | 26.2 | 30.9 | 47.4% |
| 1889 | 0.1 | 0.1 | 26.6 | 26.7 | 32.6 | 47.0% |
| 1890 | 0.0 | 0.2 | 13.9 | 14.1 | 21.0 | 37.6% |
| 1891 | 0.0 | 0.2 | 29.4 | 29.6 | 37.5 | 47.5% |
| 1892 | 0.0 | 0.5 | 36.3 | 36.8 | 49.1 | 54.1% |
| 1893 | 0.1 | 1.1 | 1.2 | 28.2 | 42.1 | 47.4% |
| 1894 | 1.0 | 1.9 | 2.9 | 39.4 | 42.3 | 60.7 53.9% |
| 1895 | 1.0 | 2.3 | 3.3 | 47.9 | 51.2 | 72.9 53.9% |
| 1896 | 1.0 | 2.2 | 3.2 | 28.8 | 32.0 | 52.9 45.2% |
| 1897 | 13.5 | 2.5 | 16.0 | 55.6 | 71.6 | 91.0 55.0% |
| 1898 | 20.1 | 2.6 | 22.7 | 42.0 | 64.7 | 87.4 52.2% |
| 1899 | 28.5 | 3.9 | 32.4 | 62.6 | 95.0 | 124.1 55.9% |
| 1900 | 20.6 | 5.7 | 26.3 | 44.7 | 71.0 | 103.3 49.3% |
| 1901 | 21.5 | 5.5 | 27.0 | 74.7 | 101.7 | 141.4 54.6% |
| 1902 | 19.9 | 6.0 | 25.9 | 76.9 | 102.8 | 146.1 55.1% |
| 1903 | 31.4 | 6.9 | 38.3 | 74.4 | 112.7 | 159.9 53.7% |
| 1904 | 29.3 | 7.7 | 37.0 | 88.7 | 125.7 | 184.5 56.7% |
| 1905 | 33.2 | 11.5 | 44.7 | 72.0 | 116.7 | 171.1 51.7% |
| 1906 | 35.3 | 15.6 | 50.9 | 110.5 | 161.4 | 227.5 52.4% |
| 1907 | 30.3 | 16.3 | 46.6 | 116.9 | 163.5 | 229.7 51.3% |
| 1908 | 20.7 | 14.6 | 35.3 | 108.6 | 143.9 | 205.1 52.0% |
| 1909 | 31.7 | 17.7 | 49.4 | 124.2 | 173.6 | 234.5 54.4% |
| 1910 | 46.7 | 20.5 | 67.2 | 130.8 | 198.0 | 280.0 55.6% |
| 1911 | 43.2 | 19.7 | 62.9 | 128.9 | 191.8 | 278.5 55.3% |
| 1912 | 56.6 | 25.8 | 82.4 | 150.3 | 232.7 | 331.7 55.3% |
| 1913 | 73.1 | 43.0 | 116.1 | 189.0 | 305.1 | 405.7 57.6% |
| 1914 | 80.9 | 43.4 | 124.3 | 161.8 | 286.1 | 372.7 57.0% |
| 1915 | 69.0 | 47.9 | 116.9 | 152.0 | 268.9 | 388.5 50.5% |
| 1916 | 80.9 | 73.1 | 154.0 | 267.0 | 421.0 | 589.9 50.0% |
| 1917 | 113.8 | 148.1 | 261.9 | 355.2 | 617.1 | 807.2 47.9% |
| 1918 | 162.8 | 268.6 | 431.4 | 370.3 | 801.7 | 1,099.3 53.1% |
| 1919 | 121.6 | 351.2 | 472.8 | 623.6 | 1,096.4 | 1,456.6 63.5% |
| 1920 | 155.0 | 352.2 | 507.2 | 382.7 | 889.9 | 1,257.0 59.0% |
| 1921 | 80.6 | 203.7 | 284.3 | 417.1 | 701.4 | 926.2 63.9% |
| 1922 | 114.7 | 222.1 | 336.8 | 670.0 | 1,006.8 | 1,249.5 69.1% |
| 1923 | 78.5 | 234.2 | 312.7 | 566.2 | 878.9 | 1,107.9 68.1% |
| 1924 | 109.6 | 326.6 | 436.2 | 685.4 | 1,121.6 | 1,431.8 70.3% |
| 1925 | 123.1 | 432.9 | 556.0 | 880.0 | 1,436.0 | 1,794.7 70.1% |
| 1926 | 70.7 | 416.3 | 487.0 | 734.1 | 1,221.1 | 1,572.6 68.0% |
| 1927 | 38.8 | 383.8 | 422.6 | 742.3 | 1,164.9 | 1,515.8 66.9% |
| 1928 | 25.9 | 352.2 | 378.1 | 733.4 | 1,111.5 | 1,481.9 64.3% |
| 1929 | 26.8 | 412.7 | 439.5 | 784.2 | 1,223.7 | 1,629.2 64.8% |
| 1930 | 15.0 | 272.1 | 287.1 | 419.1 | 706.2 | 1,007.3 56.0% |
| 1931 | 8.5 | 198.7 | 207.2 | 356.9 | 564.1 | 809.5 56.8% |
| 1932 | 21.5 | 288.7 | 310.2 | 382.9 | 693.1 | 1,014.5 59.0% |
| 1933 | 15.7 | 383.2 | 398.9 | 391.2 | 790.1 | 1,257.8 55.2% |
| 1934 | 23.5 | 492.4 | 515.9 | 287.7 | 803.6 | 1,427.4 52.6% |
| 1935 | 35.9 | 496.1 | 532.0 | 387.8 | 919.8 | 1,620.6 50.9% |
| 1936 | 38.3 | 483.6 | 521.9 | 393.5 | 915.4 | 1,699.4 48.7% |
| 1937 | 54.9 | 573.1 | 628.0 | 409.1 | 1,037.1 | 1,952.7 47.7% |
| | | | | | | 4,093.8 |

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Table 3 Value Added Related to Japanese Textile Industry in 1929-1937

(Unit: million yen)

| Year | Cotton Industry | | | | Total | Silk Industry | | Textiles | | | Other Textiles |
|------|-----------------|------------|-------|--------|-------|---------------|-------|----------|--------------|------------|----------------|
| | Spinning: A | Weaving: B | A+B | Others | | Reeling | Total | Total | Cotton Total | Silk Total | |
| 1929 | 316.6 | 190.5 | 507.1 | 42.9 | 550.0 | 188.6 | 251.9 | 907.5 | 60.6% | 27.8% | 11.6% |
| 1930 | 117.0 | 112.1 | 229.1 | 54.7 | 283.9 | 143.1 | 250.1 | 617.3 | 46.0% | 40.5% | 13.5% |
| 1931 | 128.7 | 76.4 | 205.2 | 64.2 | 269.4 | 110.6 | 231.8 | 605.4 | 44.5% | 38.3% | 17.2% |
| 1932 | 216.3 | 107.8 | 324.1 | 69.8 | 394.0 | 115.6 | 237.1 | 748.0 | 52.7% | 31.7% | 15.6% |
| 1933 | 266.5 | 131.3 | 397.8 | 95.2 | 493.0 | 39.7 | 172.8 | 808.1 | 61.0% | 21.4% | 17.6% |
| 1934 | 220.6 | 125.8 | 346.5 | 101.8 | 448.3 | 75.8 | 231.0 | 793.6 | 56.5% | 29.1% | 14.4% |
| 1935 | 179.5 | 123.5 | 303.1 | 81.9 | 385.0 | 111.1 | 254.0 | 795.2 | 48.4% | 31.9% | 19.6% |
| 1936 | 234.2 | 95.9 | 330.1 | 92.0 | 422.1 | 89.1 | 214.1 | 852.1 | 49.5% | 25.1% | 25.3% |
| 1937 | 262.6 | 94.2 | 356.7 | 109.7 | 466.4 | 102.8 | 239.2 | 916.6 | 50.9% | 26.1% | 23.0% |

(Sources) Shokosho; Ohkawa, Takamatsu & Yamamoto(1974), p. 178.

Table 3 (Continued)

| Year | Manufacturing Total | Textiles Total | Gross National Product Current Price | (Unit: million yen) | | |
|------|------------------------|-------------------|---|---------------------|--------------|----------------------------|
| | | | | Cotton/ GNP | Silk/ GNP | Manufacturing Total/GNP |
| 1929 | 3,033.3 | 29.9% | 16,286.0 | 3.4% | 1.5% | 18.6% |
| 1930 | 2,349.7 | 26.3% | 14,671.0 | 1.9% | 1.7% | 16.0% |
| 1931 | 2,123.0 | 28.5% | 13,309.0 | 2.0% | 1.7% | 16.0% |
| 1932 | 2,541.3 | 29.4% | 13,660.0 | 2.9% | 1.7% | 18.6% |
| 1933 | 3,162.5 | 25.6% | 15,347.0 | 3.2% | 1.1% | 20.6% |
| 1934 | 3,642.1 | 21.8% | 16,966.0 | 2.6% | 1.4% | 21.5% |
| 1935 | 4,111.1 | 19.3% | 18,298.0 | 2.1% | 1.4% | 22.5% |
| 1936 | 4,540.3 | 18.8% | 19,324.0 | 2.2% | 1.1% | 23.5% |
| 1937 | 5,832.4 | 15.7% | 22,823.0 | 2.0% | 1.0% | 25.6% |

Table 4 Cotton Spinning Companies with Over Ten Thousand Spindles at the End of 1889

| Company Name | Prefecture Headquarter | Year of Establishment | Number of Spindles | | | Manufacturer of Spindles | Company in 1932 |
|----------------------|---------------------------|--------------------------|--------------------|--------|--------|-----------------------------|--------------------|
| | | | Ring | Mule | Total | | |
| <Opened before 1886> | | | | | | | |
| Tamashimabō | Okayama | 1882 | 7,020 | 4,000 | 11,020 | | |
| Osakabō | Osaka | 1883 | 34,020 | 27,300 | 61,320 | Platt | Toyobo |
| Nagoyabō | Aichi | 1885 | 1,000 | 8,000 | 9,000 | Platt (Ring) | Toyobo |
| Dojimabō | Osaka | 1885 | 8,468 | 2,400 | 10,868 | | |
| <Opened after 1886> | | | | | | | |
| Miebo | Mie | 1888 | 4,472 | 11,800 | 16,272 | Platt | Toyobo |
| Tenmabō | Osaka | 1888 | 4,608 | 10,528 | 15,136 | Brooks | |
| Naniwabō | Osaka | 1888 | 0 | 10,704 | 10,704 | Dobson | |
| Tokyobō | Tokyo | 1889 | 6,224 | 2,880 | 9,104 | Platt | Nisshinbo |
| Hiranobō | Osaka | 1889 | 4,992 | 0 | 4,992 | Platt | Dai Nipponbo |
| Owaribō | Aichi | 1889 | 12,240 | 3,040 | 15,280 | Platt | Toyobo |
| Kanebō | Tokyo | 1889 | 28,920 | 1,616 | 30,536 | Brooks | Kanebo |
| <Not Yet Opened> | | | | | | | |
| Kanakin Seishoku | Osaka | 1890 | 13,552 | 0 | 13,552 | Platt | Toyobo |
| Settsubō | Osaka | 1890 | 19,200 | 0 | 19,200 | Platt | Dai Nipponbo |
| Senshubō | Osaka | 1891 | 10,320 | 0 | 10,320 | Platt | Dai Nipponbo |
| Amagasakibō | Hyogo | 1891 | 9,216 | 0 | 9,216 | Platt | Dai Nipponbo |
| Miikebō | Fukuoka | 1891 | 10,568 | 0 | 10,568 | Platt | Kanebo |

(Notes) Data about the companies not yet opened are those at the beginning of operation.

'Bo' means 'spinning company' in Japanese.

(Source) Takamura(1971), p. 116.

Table 5 Large Cotton Spinning Companies in the Early Twentieth Century

| Company Name | Number of Installed Spindl (%) at the End of 1903 | Company Name | Number of Installed Spindl (%) at the End of 1914 |
|--------------|---|--------------|---|
| Osakabo | 55,344 (4.0%) | Toyobo | 441,700 (16.6%) |
| Miebo | 83,428 (6.0%) | | |
| Osaka Godobo | 91,608 (6.6%) | Osaka Godobo | 180,400 (6.8%) |
| Settsubo | 103,600 (7.5%) | Settsubo | 157,900 (5.9%) |
| Amagasaki | 45,212 (3.3%) | Amagasaki | 218,600 (8.2%) |
| Kanebo | 217,312 (15.7%) | Kanebo | 429,700 (16.2%) |
| Fujibo | 44,820 (3.2%) | Fuji Gasubo | 238,400 (9.0%) |
| Tokyo Gasubo | 56,184 (4.1%) | | |
| Subtotal | 697,508 (50.5%) | Subtotal | 1,666,700 (62.7%) |
| Total | 1,381,306 (100.0%) | Total | 2,657,000 (100.0%) |

(Note) 'Bo' means 'spinning company' in Japanese.

(Source) Takamura(1971) , Vol. 2, p. 180.

Table 6 Main Mergers in Cotton Spinning: 1899–1903

| Spinning Company | Merged Company | Paid-up Capital (yen) | Number of Spindles | year | month | Conditions at Merger | (yen) |
|------------------|--------------------|-----------------------|--------------------|------|-------|----------------------|-----------|
| Kanebo | Shanghaibo at Kobe | 900,000 | 19,840 | 1899 | 9 | Exchanged Shares | 900,000 |
| | Kashubo | 368,138 | 10,368 | 1899 | 10 | Cash | 319,000 |
| | Kunijimabo | 400,000 | 15,360 | 1899 | 10 | Cash | 389,769 |
| | Awajibo | 280,000 | 10,368 | 1900 | 1 | Cash | 320,000 |
| | Hakata Kenmenbo | 600,000 | 11,136 | 1902 | 9 | Exchanged Shares | 240,000 |
| | | | | | | Cash | 40,000 |
| | | | | | | Succeeded Debt | 110,000 |
| | Nakatsubo | 400,000 | 10,368 | 1902 | 10 | Exchanged Shares | 275,000 |
| | Kyushubo | 1,288,400 | 56,232 | 1902 | 10 | Exchanged Shares | 1,288,400 |
| (Total) | | 4,236,538 | 133,672 | | | Exchanged Shares | 2,703,400 |
| | | | | | | Cash | 1,068,769 |
| | | | | | | Succeeded Debt | 110,000 |
| Osaka Godobo | Asahibo | 423,750 | 30,668 | 1900 | 2 | Exchanged Shares | 580,000 |
| | Tenmabō | 738,000 | 27,288 | 1900 | 6 | Exchanged Shares | 270,000 |
| | Chugokubo | 420,000 | 9,984 | 1902 | 8 | Cash | 200,000 |
| | Meijibo | 850,000 | 26,720 | 1903 | 2 | Exchanged Shares | 600,000 |
| | (Total) | 2,431,750 | 94,660 | | | Exchanged Shares | 1,450,000 |
| Settsubo | Yamatobo | 440,000 | 11,520 | 1902 | 4 | Cash | 290,000 |
| | Hiranobo | 500,000 | 39,168 | 1902 | 10 | Exchanged Shares | 400,000 |
| | (Total) | 940,000 | 50,668 | | | Exchanged Shares | 400,000 |
| Cash | | | | | | | |

(Source) Takamura (1971), vol. 1, p. 105.

Table 7 The Early Vertical Integration of Weaving Sector by Cotton Spinning Companies

| Year | Fact |
|---------|--|
| 1890 | Osakabo merged Osaka Weaving Co., its subsidiary established in 1899. |
| 1890 | Kanakin Seishoku [Shirting Weaving Co.] was established as an integrated firm. |
| 1894 | Onagigawa Weaving Co., established in 1888, began to produce yarn. |
| c. 1894 | Tenma Weaving Co., established in 1890, began to produce yarn. |
| 1894 | Wakayama Weaving Co. began to work as an integrated firm. |
| 1895 | Okayamabo began to work as an integrated firm. |
| 1896 | Miebo, established in 1896, completed the first weaving factory. |

(Source) Takamura(1971), Vol. 2.

Table 8 Demand of Machine-Spun Yarn, 1887/1888-1935/1936

(Unit: 1000 *kori*)

| Year | Production | Imports | Exports | Integrated Weaving Mills | Sanchi (Production Centres) | Total Demand |
|-------------|---------------|------------|--------------|--------------------------|-----------------------------|---------------|
| 1887 - 1888 | 58 (18%) | 269 (82%) | - (-) | - (-) | 328 (100%) | 328 (100%) |
| 1889 - 1890 | 178 (42%) | 250 (58%) | 0 (0%) | - (-) | 428 (100%) | 428 (100%) |
| 1891 - 1892 | 374 (73%) | 140 (27%) | 0 (0%) | - (-) | 513 (100%) | 513 (100%) |
| 1893 - 1894 | 527 (82%) | 119 (18%) | 13 (2%) | - (-) | 633 (98%) | 646 (100%) |
| 1895 - 1896 | 812 (87%) | 117 (13%) | 54 (6%) | - (-) | 876 (94%) | 930 (100%) |
| 1897 - 1898 | 1,215 (92%) | 109 (8%) | 370 (28%) | - (-) | 954 (72%) | 1,324 (100%) |
| 1899 - 1900 | 1,433 (96%) | 59 (4%) | 550 (37%) | 48 * (3%) | 894 (60%) | 1,492 (100%) |
| 1901 - 1902 | 1,431 (98%) | 29 (2%) | 407 (28%) | 84 * (6%) | 970 (66%) | 1,460 (100%) |
| 1903 - 1904 | 1,497 (100%) | 5 (0%) | 565 (38%) | 108 (7%) | 830 (55%) | 1,502 (100%) |
| 1905 - 1906 | 1,851 (99%) | 28 (1%) | 535 (28%) | 193 (10%) | 1,151 (61%) | 1,878 (100%) |
| 1907 - 1908 | 1,862 (99%) | 11 (1%) | 394 (21%) | 230 (12%) | 1,248 (67%) | 1,873 (100%) |
| 1909 - 1910 | 2,160 (100%) | 4 (0%) | 607 (28%) | 321 (15%) | 1,236 (57%) | 2,164 (100%) |
| 1911 - 1912 | 2,481 (100%) | 4 (0%) | 660 (27%) | 440 (18%) | 1,385 (56%) | 2,485 (100%) |
| 1913 - 1914 | 3,184 (100%) | 2 (0%) | 1,039 (33%) | 588 (18%) | 1,560 (49%) | 3,186 (100%) |
| 1915 - 1916 | 3,646 (100%) | 1 (0%) | 1,123 (31%) | 653 (18%) | 1,871 (51%) | 3,647 (100%) |
| 1917 - 1918 | 3,728 (100%) | 2 (0%) | 892 (24%) | 758 (20%) | 2,080 (56%) | 3,730 (100%) |
| 1919 - 1920 | 3,738 (100%) | 9 (0%) | 535 (14%) | 924 (25%) | 2,288 (61%) | 3,747 (100%) |
| 1921 - 1922 | 4,040 (100%) | 6 (0%) | 686 (17%) | 827 (20%) | 2,533 (63%) | 4,046 (100%) |
| 1923 - 1924 | 4,244 (100%) | 15 (0%) | 519 (12%) | 1,206 (28%) | 2,534 (59%) | 4,259 (100%) |
| 1925 - 1926 | 5,045 (100%) | 7 (0%) | 516 (10%) | 1,422 (28%) | 3,114 (62%) | 5,052 (100%) |
| 1927 - 1928 | 4,983 (100%) | 6 (0%) | 189 (4%) | 1,490 (30%) | 3,310 (66%) | 4,989 (100%) |
| 1929 - 1930 | 5,317 (100%) | 14 (0%) | 127 (2%) | 1,582 (30%) | 3,622 (68%) | 5,331 (100%) |
| 1931 - 1932 | 5,378 (97%) | 144 (3%) | 121 (2%) | 1,568 (28%) | 3,833 (69%) | 5,522 (100%) |
| 1933 - 1934 | 6,572 (98%) | 113 (2%) | 113 (2%) | 1,868 (28%) | 4,704 (70%) | 6,685 (100%) |
| 1935 - 1936 | 7,168 (100%) | 32 (0%) | 207 (3%) | 1,942 (27%) | 5,051 (70%) | 7,200 (100%) |

Sources and Notes: Takamura(1971), vol.1, p.146 and vol.2, p.82; Koda 1931, pp.26-27 and 199-200; Dai Nihon Boseki Rengokai, relevant years. In this table dashes indicate that the data are not available, while asterisks indicate estimates. Japanese unit, one *kori* represents 400 pounds' cotton yarn. I am grateful to Professor Toshiaki Ushijima for his assistance in compiling this table.

Appendix 2
Top Hundred Largest Firms in Japan (Measured by Employment)

| Firms | SIC(1968) | Employees | Comments |
|---|-----------|-----------|--|
| 1 Bureau of Railway, Ministry of Transport & Communications | 22 | 25,450 | |
| 2 Ishikawajima-Harima Heavy Industries Co. | 22 | 14,140 | In 1905 Furukawa Mining Co. |
| 3 Tokyo Military Arsenal | 27 | 14,140 | |
| 4 Kure Naval Arsenal | 27 | 12,847 | |
| 5 Kanegafuchi Spinning Co. (Kaneko) | 13 | 12,444 | |
| 6 Nippon Gasoline Co. | 13 | 11,653 | Nationalized after the Russo-Japanese War. |
| 7 Osaka Military Arsenal | 27 | 9,456 | |
| 8 Kyushu Railway Co. | 22 | 8,659 | Nationalized after the Russo-Japanese War. |
| 9 Mitsubishi Mining Co. | 13 | 7,293 * | In 1919 Mitsubishi Mining Co. |
| 10 Settsu Spinning Co. | 13 | 7,293 * | In 1919 Dai Nippon Spinning. |
| 11 Yokosuka Naval Arsenal | 27 | 6,551 | |
| 12 Mie Spinning Co. | 13 | 5,414 | In 1914 Toyobo. |
| 13 Hitachi & Nagasaki Shipyard | 22 | 5,384 | In 1917 Mitsubishi Shipbuilding & Engineering. |
| 14 Sanyo Railway | 22 | 4,490 | Nationalized after the Russo-Japanese War. |
| 15 Mitsui Mining Co. | 2 | 4,415 * | |
| 16 Sasebo Naval Arsenal | 27 | 4,288 | |
| 17 Osaka Gasoline Co. (OSK) | 22 | 4,288 | |
| 18 Hokkaido Coal & Railway Co. | 22 | 3,643 | In 1906 Hokkaido Colliery & Steamship Co. |
| 19 Osaka Merger Spinning Co. | 13 | 3,638 | Merged by Toyobo in 1931. |
| 20 Fujitogumi Co. | 2 | 3,437 | |
| 21 Matsushige & Co. | 13 | 3,252 | |
| 22 Kansai Railway Co. | 22 | 3,251 | Nationalized during the Russo-Japanese War. |
| 23 Osaka Spinning Co. | 13 | 3,208 | Nationalized after the Russo-Japanese War. |
| 24 Iron Mfg. Factories, Ministry of Agriculture & Commerce | 13 | 3,208 | In 1914 Toyobo. |
| 25 Tokai Spinning Co. | 6 | 3,183 | |
| 26 Kawasaki Shipbuilding and Engineering Co. | 13 | 3,191 | In 1906 Fuji Gas Spinning. |
| 27 Nippon Spinning Co. | 10 | 3,069 | |
| 28 Burroughs & Company of the Cabinet | 13 | 3,006 | Merged by Dai Nippon Spinning in 1916. |
| 29 Silk Yarn Spinning Co. | 13 | 2,415 | Merged by Kaneko in 1911. |
| 30 Fuji Spinning Co. | 13 | 2,155 | Merged by Kaneko in 1911. |
| 31 Amagasaki Spinning Co. | 13 | 2,078 | In 1906 Fuji Gas Spinning. |
| 32 Seijo Textile Laboratory of Woolen Textile | 13 | 1,958 | Merged by Mie Spinning in 1905. |
| 33 Amagasaki Spinning Co. | 13 | 1,883 | |
| 34 Koriyama Spinning Co. | 13 | 1,849 | In 1919 Dai Nippon Spinning. |
| 35 Sekiya Natto | 13 | 1,840 | Bought by Settsu Spinning in 1907. |
| 36 Kishiwada Spinning Co. | 13 | 1,790 * | |
| 37 Shirting Weaving Co. | 13 | 1,383 | |
| 38 Tokyo Spinning Co. | 13 | 1,378 | Merged by Silk Yarn Spinning Co. in 1911. |
| 39 Tokai Spinning & Weaving Co. | 13 | 1,362 | Merged by Silk Yarn Spinning Co. in 1911. |
| 40 Osaka Ironworks | 10 | 1,345 | |
| 41 Tanaka Iron Factory at Kamishi Mine | 6 | 1,323 | |
| 42 Uruga Dock Co. | 10 | 1,323 | |
| 43 Iwao Textile Co. | 13 | 1,300 | Nationalized during the Russo-Japanese War. |
| 44 Naval Arsenal | 27 | 1,468 | |
| 45 Ryosui Co. | 5 | 1,444 | |
| 46 Ryujoh Co. | 13 | 1,390 * | |
| 47 Kanekoi Spinning Co. | 13 | 1,383 | |
| 48 Kinoya Sakomo | 2 | 1,362 | |
| 49 Kinetatsu Katsukawa | 13 | 1,345 | |
| 50 Fuji Textile Manufacturing Co. | 13 | 1,340 | |
| 51 The Royal British Co. | 19 | 1,254 | |
| 52 Nippon Yusen Co. (NYK) | 22 | 1,250 | |
| 53 Meiji Spinning Co. | 13 | 1,236 | Merged by Osaka Merger Spinning in 1903. |
| 54 Kishiwada Spinning Co. | 13 | 1,230 | In 1906 Fuji Gas Spinning. |
| 55 Hokkaido Hard & Bast Fiber Mfg. Co. | 13 | 1,213 | In 1907 Imperial Hard & Bast Fiber Mfg. |
| 56 Okaya Silk Mfg. Co. | 13 | 1,152 | |
| 57 Nippon Spinning & Weaving | 13 | 1,152 | Bought by Naigai Wate Co. in 1905. |
| 58 Seijo Textile Laboratory | 13 | 992 | Merged by Kishiwada Spinning in 1903. |
| 59 Takigawa Matsuo | 5 | 959 | |
| 60 Shureisan Spinning Co. | 13 | 958 | In 1938 Dai Nippon Printing. |
| 61 Kawanou Spinning Co. | 13 | 950 | |
| 62 Shibusawa Hard & Bast Fiber Mfg. Co. | 13 | 940 | In 1905 Nippon Hard & Bast Fiber Mfg. |
| 63 Kihki Spinning Co. | 13 | 914 | Bought by Kurashiki Spinning in 1908. |
| 64 Shimotsuke Spinning Co. | 13 | 888 | Merged by Mie Spinning in 1911. |
| 65 Tsurumaru Co. | 13 | 877 | |
| 66 Kishiwada Spinning Co. | 13 | 867 | |
| 67 Kunizono Hayashi | 13 | 860 | |
| 68 Kamei Silk Mfg. Co. | 13 | 855 * | |
| 69 Kyoto Flannel Co. | 13 | 841 | In 1908 Nippon Cloth Mfg. Co. |
| 70 Chita Spinning Co. | 13 | 833 | Merged by Mie Spinning in 1907. |
| 71 Onagawa Cotton Cloth Co. | 13 | 818 | Merged by Fuji Spinning in 1903. |
| 72 Nihon Textile Co. | 13 | 797 | |
| 73 Soho Railways Co. | 22 | 785 | Nationalized after the Russo-Japanese War. |
| 74 Matsumoto Naval Arsenal | 27 | 774 | |
| 75 Fukuyama Spinning Co. | 13 | 774 | Bought by Fukushima Spinning in 1903. |
| 76 Tokio Wool Weaving Co. | 13 | 758 | Merged by Nippon Spinning in 1907. |
| 77 Kyoto Fabric Co. | 13 | 742 | |
| 78 Muslin Spinning & Weaving Co. | 13 | 740 | In 1927 Godo Wool Textile Co. |
| 79 Imperial Brush Co. | 19 | 724 | |
| 80 Tokio Wool Spinning Co. | 13 | 722 | |
| 81 Tenri Textile Co. | 13 | 721 | |
| 82 Yamamoto Service Co. | 13 | 712 | |
| 83 Tenri Fibre Co. | 13 | 710 | |
| 84 Tanaka Spinning Co., Ministry of Agriculture & Commerce | 22 | 708 | |
| 85 Nankai Railway Co. | 22 | 706 | Nationalized after the Russo-Japanese War. |
| 86 Hakutetsu Railway | 22 | 704 | |
| 87 Imai Co. | 22 | 703 | |
| 88 Japan Oil Co. | 2 and 4 | 697 | |
| 89 Sakai Spinning Co. | 13 | 693 | Bought by Fukushima Spinning in 1917. |
| 90 Keikishi Co. | 5 | 693 | Merged by Mie Spinning in 1905. |
| 91 Nagoya Spinning Co. | 13 | 678 | |
| 92 Oji Paper Co. | 18 | 666 | |
| 93 Fuji Paper Co. | 18 | 655 | |
| 94 Kasanoka Spinning Co. | 13 | 654 | Bought by Fukushima Spinning in 1909. |
| 95 Adachi Spinning Co. | 13 | 643 | |
| 96 Sampei Co. | 12 | 631 | |
| 97 Omi Henri Spinning & Weaving Co. | 13 | 626 | |
| 98 Gotoh & Fukuda Mfg. Co. | 13 | 620 | |
| 99 Koho Bellows Co. | 13 | 605 | Nationalized after the Russo-Japanese War. |
| 100 Konami Branch Co. | 13 | 601 | |
| | | 270,822 | |

Sources: Noshomusho (the Ministry of Agriculture and Commerce)

(ed.), *Kōsei Tōzai* [the Directory of Japanese Factories]

(Noshomusho, Tokyo, 1904);

Motoyoshi Makino (ed.), *Nippon Zenkoku Shōgisha Yakuinroku Dai 10 Kai*

[the Directory of Executives of Japanese Companies: the 10th Edition]

(Shogoro Kohshinjo, Osaka, 1902);

Tsūsin-shō [the Ministry of Transport & Communication] (ed.),

Meiji Nendo Tōkei-koku Nenpo [Annual Report of Railway Bureau in 1902 Fiscal Year]

(Teishō-shō, Tokyo, 1903);

Ninkoku Tōkei-koku [the Statistic Bureau of Cabinet] (ed.),

Nippon Teikoku Token Nenkan [Annual Data Book of Japanese Empire]

(Tokyo Tōkei Kyōka Shimpā-sho, Tokyo, 1904);

Tomo Kanda (ed.), *Osaka Shōsen Kaibushiki Kaisha 50 Nenshi*

[50 Years' History of Osaka Shōsen Kaibushiki Kaisha] (OSK, Osaka, 1934).

Notes: The lists of the largest companies are those at the end of March 1903.

The others are the lists at the end of March 1902.

Figures with * are under-estimates.

Blue-collar workers only.

Such industries as construction, distributive trade, insurance, banking, finance, professional services and telecommunication services are not included.

The figures shown here are by the local small-sized silk spinning which were shown on my Japanese paper.²⁰ Selki no Nippon ni okeru Jugyōsha Su Jun Jō 200 Kigyo ni kansuru Shiryō(1) : 1902 nen, 1931 nen, 1954 nen[The Lists of the 200 Largest Enterprises in Japan in the Twentieth Century]. *Osaka Daigaku Keizagaku* [Osaka Economic Papers], 48-1 (August 1996) are extracted.

(2) 1931

| ER Firm | SIC(1968) | Employees | Comments |
|---|-----------|-----------|---|
| 1 Bureau of Railways, Ministry of Railway | 22 | 188,383 | |
| 2 Toyo Spinning Co. (Tokyo) | 34,100 | | |
| 3 Koenigfuchi Spinning Co. (Kanobe) | 12,287 | | |
| 4 Mitsui Mining Co. | 2 | 26,074 | |
| 5 Bureau of Monopoly, Ministry of Finance | 3 | 24,429 | |
| 6 Kaijiro Iron & Steel Co. | 12 | 23,000 | In 1943 Katsukura Industry. |
| 7 Mitsubishi Mining Co. | 2 | 19,127 | |
| 8 Dai Nippon Spinning Co. | 13 | 18,391 | |
| 9 Iwai Mfg. Factory, Ministry of Commerce | 4 | 17,592 | |
| 10 Hidemitsu Arsenal | 27 | 15,590 | In 1934 Nippon Steel Co. |
| 11 Fuji Gas Spinning Co. | 13 | 15,089 | In 1945 Fuji Spinning Co. |
| 12 Bureau of Electricity, the City of Tokyo | 21 | 14,821 | |
| 13 Kita Electric Light Co. | 13 | 13,800 | |
| 14 Japan Wool Textile Co. | 13 | 12,589 | |
| 15 Tokyo Electric Light Co. | 21 | 11,729 | |
| 16 Bureau of Electricity, the City of Osaka | 21 | 10,694 | |
| 17 Nippon Engineering & Consulting Co. | 10 | 10,300 | In 1934 Mitsubishi Heavy Industries (MHI). |
| 18 Coal Mines of the Ministry of Commerce | 2 | 10,238 | |
| 19 Osaka Shosen (OSK) | 22 | 9,100 | |
| 20 Yokosuka Naval Arsenal | 20 | 8,963 | |
| 21 Iwaki Building & Engineering Co. | 10 | 8,545 | In 1939 Kawasaki Heavy Industries. |
| 22 Japan Mining Co. | 2 | 8,465 | |
| 23 Nissho Spinning Co. | 13 | 7,721 | |
| 24 Furukawa Metal Co. | 2 | 7,474 | |
| 25 Nihon Colliery & Steamship Co. | 2 and 22 | 7,029 | The number of employees is only that of mining. |
| 26 Fukushima Spinning Co. | 13 | 6,536 | In 1944 Shikishima Spinning. |
| 27 Showa Wool Mfg. Co. | 13 | 6,450 | Former Yamazu Silk Mfg. |
| 28 Nippon Spinning & Weaving Co. | 13 | 5,920 | In 1936 Daito Spinning & Weaving Co. |
| 29 Kichisada Spinning Co. | 13 | 5,900 | Merged by Dai Nippon Spinning in 1940. |
| 30 Sasebo Naval Arsenal | 27 | 5,842 | |
| 31 Shimone Coal Mining Co. | 2 | 5,800 | |
| 32 Iwaki Textile Co. | 15 | 5,119 | In 1937 Nippon Rubber. |
| 33 Iwaki Coal Mining Co. | 2 | 5,025 | |
| 34 Shikoku Wool Textile Co. | 13 | 5,021 | Merged by Toyoh Wool Textile Co. in 1936. |
| 35 Nihon Metal Co. | 3 | 4,940 | |
| 36 Kaijima & Co. | 2 | 4,900 | In 1931 Kaijima Coal Mining. |
| 37 Hayashi-gumi Silk Mfg. Co. | 13 | 4,837 | |
| 38 Toto Electric Power Co. | 21 | 4,834 | |
| 39 Nippon Marine Fibre Co. | 13 | 4,800 | |
| 40 Kurashiki Spinning Co. | 13 | 4,562 | |
| 41 Aso Shoton Co. | 2 | 4,490 | |
| 42 Fujita Mining Co. | 2 | 4,391 | Later Down Mining. |
| 43 Iwaki Mfg. Co. | 2 | 4,300 | |
| 44 Okinawama Coal Mining Co. | 2 | 4,117 | |
| 45 Bureau of Electricity, the City of Kyoto | 21 | 4,075 | |
| 46 Nippon Engineering Co. | 3 | 3,970 | In 1940 Daito Spinning. |
| 47 Asahi Colliery & Steamship Co. | 2 and 22 | 3,810 | The number of employees is only that of mining. |
| 48 Nankai Railway Co. | 22 and 21 | 3,805 | In 1945 Nankai Electric Railway. |
| 49 Hattori Shoten Co. | 13 | 3,797 | |
| 50 Sanwa Bank | 2 and 21 | 3,760 | |
| 51 Toyoda Spinning & Weaving Co. | 13 | 3,695 | In 1942 Chuo Spinning Co. |
| 52 Kinjima Coal Mining Co. | 2 | 3,615 | |
| 53 Oguchi Silk Mfg. Co. | 13 | 3,554 | |
| 54 Fuji Electric Power Co. | 13 | 3,484 | Merged by Oji Paper in 1933. |
| 55 Kinko Spinning Co. | 13 | 3,512 | In 1940 Daiva Spinning. |
| 56 Keihin Electric Railway Co. | 22 and 21 | 3,479 | |
| 57 Osaka Military Arsenal | 27 | 3,464 | |
| 58 Sanwa Glass Co. | 3 | 3,400 | In 1937 Sumitomo Mining Co. |
| 59 Fukukawa Tabi Mining Co. | 15 | 3,361 | |
| 60 Toy Rayon Co. | 5 | 3,284 | |
| 61 Mayu Silk Mfg. Co. | 13 | 3,284 | |
| 62 Kurashiki Fujimatsu | 2 | 3,238 | |
| 63 Hitachi, Ltd. | 9 | 3,217 | |
| 64 Osaka Ironworks Co. | 18 | 3,117 | In 1943 Hitachi Shipbuilding & Engineering. |
| 65 Nippon & East Fiber Mfg. Co. | 3 | 3,100 | In 1940 Imperial Textile Co. |
| 66 Hanshin Electric Railway | 22 and 21 | 3,106 | |
| 67 Oji Paper Co. | 18 | 3,104 | |
| 68 Bureau of Printing of the Cabinet | 3 | 3,085 | |
| 69 Nippon Steel Co. | 2 | 3,000 | |
| 70 Omi Saito Cloth Co. | 13 | 2,973 | In 1940 Asahi Spinning Co. |
| 71 Nippon Silk Textile Co. | 13 | 2,919 | Merged by Nippon Rayon in 1939. |
| 72 Toto Electric Light Co. | 21 | 2,840 | |
| 73 Iwami Weaving Co. | 13 | 2,826 | In 1940 Daiva Spinning. |
| 74 Ishikawa-gumi Silk Mfg. Co. | 13 | 2,731 | |
| 75 Maizuru Port Workshop | 27 | 2,712 | |
| 76 Tokaido Main Line Railway Co. | 22 and 21 | 2,674 | Later Kinki Nippon Railway. |
| 77 Taijido Mining Co. | 2 | 2,656 | |
| 78 Powder Mfg. Factory of Military Arsenal | 27 | 2,650 | |
| 79 Temma Textile Co. | 13 | 2,648 | In 1940 Asahi Spinning Co. |
| 80 Sanwa Glass Co. | 2 | 2,600 | Later Asahi Chemical Industry. |
| 81 Mitsubishi Aeroplane | 11 | 2,581 | In 1934 Mitsubishi Heavy Industries. |
| 82 Wakayama Spinning & Weaving Co. | 13 | 2,571 | In 1940 Daiva Spinning. |
| 83 Nagoya Spinning & Weaving Co. | 13 | 2,540 | In 1942 Chuo Spinning Co. |
| 84 Toto Electric Works | 27 | 2,496 | |
| 85 Nagasaki Spinning & Weaving Co. | 13 | 2,480 | In 1937 Kokko Spinning Co. |
| 86 Good Electric Power Co. | 21 | 2,473 | |
| 87 Jomo Steel Co. Ltd. | 4 | 2,450 | |
| 88 Nippon Electric Power Co. | 21 | 2,438 | |
| 89 Heisei Spinning & Weaving Co. | 13 | 2,423 | Merged by Fuji Spinning in 1941. |
| 90 Naval Coal Mine | 2 | 2,367 | |
| 91 Daito Silk Mfg. Co. | 13 | 2,360 | |
| 92 Isumi Spinning Co. | 13 | 2,338 | Merged by Toyobo in 1936. |
| 93 Nitto Spinning Co. | 13 | 2,299 | |
| 94 Nagoya Spinning Co. | 13 | 2,297 | Merged by Nitto Spinning in 1937. |
| 95 Nippon Glass Co. | 2 | 2,280 | |
| 96 Otsuji Iwao Coal Mine Co. | 2 | 2,264 | |
| 97 Asano Cement Co. | 18 | 2,220 | In 1947 Nippon Cement. |
| 98 Nippon Rubber Co. | 3 | 2,200 | |
| 99 Nippon Electric Co. | 2 | 2,185 | |
| 100 Dai Nippon Fertilizer Co. | 3 | 2,160 | In 1947 Nippon Chemical Industries, Ltd. |

(3) 1954

| ER Firm | SIC(1968) | Employees | Comments |
|--|-----------|-----------|---|
| 1 Japan National Railways | 22 | 439,901 | In 1987 privatized and reorganized into JR Cos. |
| 2 Japanese Telegraph & Telephone Public Corp. | 22 | 182,801 | In 1985 privatized. |
| 3 Nippon Express Co. | 22 | 78,777 | |
| 4 Mitsubishi Mining Co. | 2 | 48,761 | |
| 5 The Monopoly Electric Corp. | 3 | 40,678 | In 1987 privatized. |
| 6 Nippon Steel Co. | 2 | 38,700 | Former Nippon Steel Co. In 1970 new Nippon Steel. |
| 7 Mitsubishi Mining Co. | 2 | 35,719 | |
| 8 Toyo Spinning Co. (Toyojo) | 21 | 29,737 | |
| 9 Nippon Kokan Co. (NKK) | 13 | 27,101 | |
| 10 Nippon Steel Co. (NKK) | 2 and 22 | 24,124 | Later NKK. |
| 11 Toyo Spinning Co. (Toyojo) | 21 | 23,848 | |
| 12 Nippon Kokan Co. (NKK) | 9 | 23,424 | In 1984 Toshiba. |
| 13 Nippon Steel Co. (NKK) | 6 | 22,824 | Former Nippon Steel Co. In 1970 new Nippon Steel. |
| 14 Mitsubishi Heavy Industries, Ltd. | 13 | 21,934 | Former MHI. In 1964 new MHI. |
| 15 Kajima Construction Co. | 20 | 21,586 | Later Kajima Corp. |
| 16 Mitsubishi Construction Co. | 20 | 20,156 | |
| 17 Mitsubishi Electric Power Co. | 21 | 18,917 | |
| 18 Mitsubishi Steel Corp. | 2 | 18,575 | |
| 19 Toyo Rayon Co. | 21 | 17,534 | In 1970 Toray Industries. |
| 20 Mitsubishi Electric Power Co. | 21 | 17,127 | |
| 21 Mitsubishi Shipbuilding & Engineering, Ltd. | 10 | 16,785 | Former MHI. In 1964 new MHI. |
| 22 Mitsubishi Electric Corp. | 9 | 16,742 | |
| 23 Mitsubishi Metal Mining Co. | 13 | 16,515 | |
| 24 Kurakawa Mining Co. | 2 | 16,381 | |
| 25 Showa Denko Co. | 8 | 16,236 | |
| 26 Tohoku Electric Power Co. | 21 | 15,127 | |
| 27 Mitsubishi Chemical Corp. | 13 | 14,900 | |
| 28 John Coal Mining Co. | 3 | 14,210 | |
| 29 Imperial Marinede Fibre Co. | 5 | 13,767 | In 1962 Teijin. |
| 30 Nippon Spinning Co. | 13 | 13,704 | In 1962 later Japan Energy Corp. |
| 31 Mitsubishi Shipbuilding & Engineering Co. | 10 | 13,704 | |
| 32 Mitsubishi Metal Mining Co. | 2 | 13,190 | |
| 33 Sumitomo Coal Mining Co. | 2 | 13,108 | |
| 34 Nippon Steel Co. (NKK) | 13 | 13,080 | |
| 35 Nippon Wool Textile Co. | 13 | 13,074 | |
| 36 Mitsubishi Japan Heavy Industries, Ltd. | 7 and 10 | 12,538 | Former MHI. In 1964 new MHI. |
| 37 Nippon Electric Power Co. | 13 | 12,524 | |
| 38 Nippon Mining Co. | 2 | 11,952 | |
| 39 Nippon Karpo Railway Co. | 22 | 11,423 | |
| 40 Katsukura Industry Co. | 13 | 10,700 | In 1968 Omikoshi Co. |
| 41 Kurakuji Mining Co. | 13 | 10,615 | |
| 42 Kubo Railway Co. | 22 | 10,415 | |
| 43 Nakatani Industry Co. | 13 | 10,323 | |
| 44 Kurashiki Mining Co. | 13 | 10,280 | In 1968 In 1970 Kuraray Co. |
| 45 Kureha Spinning Co. | 13 | 9,989 | |
| 46 Kaijima Coal Mining Co. | 2 | 9,846 | Merged by Toyobo in 1966. |
| 47 Nitto Spinning Co. | 13 | 9,777 | |
| 48 Nitto Spinning Co. | 2 | 9,577 | |
| 49 Nippon Spinning Co. | 2 | 9,425 | |
| 50 Nippon Spinning Co. | 13 | 9,266 | |
| 51 Kubota Bank, Ltd. | 7 and 10 | 9,168 | |
| 52 Nippon Heavy Industries, Ltd. | 13 | 9,110 | |
| 53 Fuji Spinning Co. | 13 | 8,967 | Merged by Fuji Heavy Industries, Ltd. In 1955. |
| 54 Nippon Metal Mining Co. | 22 | 8,840 | |
| 55 Nippon Metal Co. | 13 | 8,730 | |
| 56 Nippon Bank, Ltd. | 13 | 8,234 | In 1967 Gunze. |
| 57 Nippon Bank, Ltd. | 2 | 8,230 | |
| 58 Nippon Bank, Ltd. | 13 | 8,220 | |
| 59 Nippon Bank, Ltd. | 13 | 8,155 | |
| 60 Nippon Bank, Ltd. | 24 | 7,929 | Later Asahi Bank. |
| 61 Nippon Bank, Ltd. | 24 | 7,923 | |
| 62 Nippon Bank, Ltd. | 13 | 7,923 | |
| 63 Nippon Bank, Ltd. | 11 | 7,341 | Former Bureau of Printing of the Cabinet. |
| 64 Nippon Metal Co. | 2 and 16 | 7,002 | |
| 65 Nippon Bank, Ltd. | 24 | 6,892 | In 1971 Dai-ichi Kangyo Bank. |
| 66 Nippon Bank, Ltd. | 24 | 6,840 | |
| 67 Nippon Silk Mfg. Co. | 13 | 6,740 | |
| 68 Sunomoto Metal Mining Co. | 2 | 6,720 | |
| 69 Taiyo Fishery Co. | 13 | 6,695 | |
| 70 Toyoko Banking Co. | 13 | 6,675 | |
| 71 Toyoko Bank, Ltd. | 21 | 6,700 | |
| 72 Kinseim Coal Mining Co. | 2 | 6,510 | |
| 73 Kubetsu Coal Mining Co. | 2 | 6,494 | |
| 74 Kubetsu Research Co. | 13 | 6,457 | |
| 75 Kubetsu Electric Co. | 13 | 6,417 | |
| 76 Kowa Mining Co. | 2 | 6,355 | |
| 77 Koshi Glass Co. | 16 | 6,784 | |
| 78 Matsushita Electric Industrial Co. | 9 | 6,771 | |
| 79 Toyo Koutou Industries, Inc. | 21 | 6,765 | |
| 80 Nippon Steel Co. | 21 | 6,700 | |
| 81 Nippon Steel Works Ltd. | 6 | 6,753 | |
| 82 Nippon Steel Co. | 2 | 6,510 | |
| 83 Nippon Steel Co. | 2 | 6,494 | |
| 84 Nippon Steel Co. | 13 | 6,457 | |
| 85 Nippon Steel Co. | 13 | 6,417 | |
| 86 Shikoku Electric Power Co. | 21 | 6,346 | |
| 87 Shikoku Electric Industries Co. (III) | 7 and 10 | 6,320 | In 1960 Ishikawajima-Harima Heavy Industries Co. |
| 88 Shikoku Steel Works, Ltd. | 6 | 6,275 | |
| 89 Fuji Electric Co. | 9 | 6,243 | |
| 90 Fuji Electric Co. (NEC) | 6 | 6,149 | Later NEC. |
| 91 Nippon Electric Power Co. | 21 | 6,140 | |
| 92 Dai-ichi Bank, Ltd. | 24 | 6,075 | In 1971 Dai-ichi Kangyo Bank. |
| 93 Matsushita Shipbuilding & Engineering Co. | 10 | 6,072 | |
| 94 Shikishima Spinning Co. | 13 | 6,049 | |
| 95 Nippon Steel Co. | 2 | 6,040 | |
| 96 Nippon Steel Co. | 13 | 6,010 | |
| 97 Nippon Steel Co. | 10 | 5,999 | Merged by III in 1960. |
| 98 Nippon Electric Power Co. | 21 | 5,992 | |
| 99 Nippon Bank, Ltd. | 24 | 5,887 | In 1992 Sakura Bank. |
| 100 Nippon Kyodai Electric Railway Co. | 20 | 5,896 | In 1973 Bankyu. |
| 101 Toyoda Textile Co. | 13 | 5,772 | |

Sources: [Tatsujirō Michida (ed.), *Zenshoku Kiso Kozan Meishi / the Directory of Japanese Factories and Mines?*] (Kyobunkan, Tokyo, 1932).[Ishii Ando (ed.), *Ginko Kusaka Yosoku / the Directory of Japanese Companies and Banks*] (the 35th edition & the 36th edition, Tokyo Koshinsha, Tokyo, 1931, 1932);[Masao Noda et al. (eds.), *Showa-ki Tetsudo-shi Shiryo / the Materials on the History of Japanese Railways*] (the Showa Period), Vol.17 (Nippon Keizai Hyoronsha, Tokyo, 1940);[Teijin-sho Denshi-kyo (the Electricity Bureau of the Ministry of Transport & Communication)] (ed.), *Dai 25 Kai Nippon Jigoku-kyo / the 25th Annual Data Book of Electric Power Supply Business* (Denshi Keizai Kankai, Tokyo, 1932);[Kurokane Hammeto, *Osaka-ki Denki-kyo 40 Nenshi, Uzayaren / 40 Years' History of the Bureau of Electricity of C.O.*, Osaka, 1943];[Tomoo Kanda (ed.), *Osaka Shosen Kaibutsu Kaisha 50 Nenshi / 50 Years' History of Osaka Shosen Kaisho*] (OSK, Osaka, 1934).

Notes: The number of workers of Japan National Railway is that at the end of March 1932.

The others are those at the end of June 1931.

The others are those at the end of October 1931.

Blue-collar workers only.

Such industries as construction, distributive trades, insurance, banking, finance, professional services and miscellaneous services are not included.

Notes: The data are those at the end of September or March 1954.

Sources: [Yoshikuni Sato (ed.), *1955 Nippon Kensa Nenkai / the Annual Corporation Reports- 1955]* (Ogiron Keizai Shinbunsha, Tokyo, 1954); ibid., 1956 edition(1955).[Nippon Kokyu Tetsubo / Japan National Railway Co.] (ed.), *Showa 29 Nendo Teitoku Nenpo / Annual Data Book of Japan National Railway: 1954* (Nippon Kokyu Tetsubo, Tokyo, 1955);[Soritei Tokai-kyodo / Statistic Bureau, Management and Coordination Agency] (ed.), *Dai 7 Kai Nippon Tokai Nenkan / the 7th Japan Statistical Yearbook* (Nippon Tokai Kyosai & Mainichi Shinbunsha, Tokyo, 1957).

[50 Years' History of Osaka Shosen Kaisho] (OSK, Osaka, 1934).

Sources: [Tatsujirō Michida (ed.), *Zenshoku Kiso Kozan Meishi / the Directory of Japanese Factories and Mines?*] (Kyobunkan, Tokyo, 1932).[Ishii Ando (ed.), *Ginko Kusaka Yosoku / the Directory of Japanese Companies and Banks*] (the 35th edition & the 36th edition, Tokyo Koshinsha, Tokyo, 1931, 1932);[Masao Noda et al. (eds.), *Showa-ki Tetsudo-shi Shiryo / the Materials on the History of Japanese Railways*] (the Showa Period), Vol.17 (Nippon Keizai Hyoronsha, Tokyo, 1940);[Teijin-sho Denshi-kyo (the Electricity Bureau of the Ministry of Transport & Communication)] (ed.), *Dai 25 Kai Nippon Jigoku-kyo / the 25th Annual Data Book of Electric Power Supply Business* (Denshi Keizai Kankai, Tokyo, 1932);[Kurokane Hammeto, *Osaka-ki Denki-kyo 40 Nenshi, Uzayaren / 40 Years' History of the Bureau of Electricity of C.O.*, Osaka, 1943];[Tomoo Kanda (ed.), *Osaka Shosen Kaibutsu Kaisha 50 Nenshi / 50 Years' History of Osaka Shosen Kaisho*] (OSK, Osaka, 1934).

Notes: The number of workers of Japan National Railway is that at the end of March 1952.

The others are those at the end of June 1951.

The others are those at the end of October 1951.

Blue-collar workers only.

Such industries as construction, distributive trades, insurance, banking, finance, professional services and miscellaneous services are not included.

Notes: The data are those at the end of September or March 1954.

Sources: [Tatsujirō Michida (ed.), *Zenshoku Kiso Kozan Meishi / the Directory of Japanese Factories and Mines?*] (Kyobunkan, Tokyo, 1932).[Ishii Ando (ed.), *Ginko Kusaka*

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| Rank | Firms | SIC(1968) | Employees | Comments |
|------|--|-----------|-----------|--|
| 1 | Nippon Telegraph & Telephone Corp. (NTT) | 22 | 215,629 | Former Nippon Telegraph & Telephone Public Corp. |
| 2 | Japan National Railway Co. | 22 | 20,420 | Former Japan National Railways. |
| 3 | Mitsubishi, Ltd. | 9 | 19,339 | |
| 4 | Toshiba Corp. | 9 | 14,558 | |
| 5 | Toyota Motor Corp. | 11 | 13,646 | |
| 6 | Hitachi, Ltd. | 9 | 13,451 | |
| 7 | Nippon Express Co. | 22 | 81,538 | |
| 8 | Nissan Motor Co. | 11 | 81,398 | |
| 9 | Sumitomo Transport Co. | 22 | 58,144 | |
| 10 | Hokkaido Electric Corp. | 9 | 58,842 | |
| 11 | Matsushita Electric Industrial Co. | 9 | 48,369 | |
| 12 | West Japan Railway Co. | 22 | 47,579 | Former Japan National Railways. |
| 13 | Kawasaki Heavy Industries, Ltd. | 7 and 10 | 47,300 | |
| 14 | NEC Corp. | 9 | 42,287 | |
| 15 | Nippondenso Co. | 11 | 41,996 | |
| 16 | Tokyo Electric Power Co. | 21 | 41,967 | |
| 17 | Daikin Electric Corp. | 6 | 41,439 | |
| 18 | Honda Motor Co. | 11 | 31,636 | |
| 19 | Mazda Motor Co. | 11 | 29,161 | |
| 20 | Mitsubishi Motors Corp. | 11 | 29,178 | |
| 21 | Denso Electric Co. | 9 | 28,353 | |
| 22 | Kansai Electric Power Co. | 21 | 26,205 | |
| 23 | Sony Corp. | 9 | 23,245 | |
| 24 | Central Japan Railway Co. | 22 | 22,900 | Former Japan National Railways. |
| 25 | Canon Corp. | 9 | 22,613 | |
| 26 | Sakura Bank, Ltd. | 24 | 22,355 | |
| 27 | NKK Corp. | 6 | 22,214 | |
| 28 | Asahi Glass Co., Ltd. | 9 | 21,603 | |
| 29 | Sumitomo Metal Industries, Ltd. | 6 | 21,595 | |
| 30 | Japan Airlines Co. (JAL) | 22 | 21,396 | |
| 31 | Chubu Electric Power Co. | 21 | 20,631 | |
| 32 | Hitachi Chemical Corp. | 6 | 19,151 | |
| 33 | Matsushita Electric Works, Ltd. | 9 | 19,292 | |
| 34 | Dai-Ichi Kangyo Bank, Ltd. | 24 | 19,189 | |
| 35 | Asahi Glass Co. | 23 | 18,867 | |
| 36 | Canon Corp. | 9 | 18,264 | |
| 37 | Sumitomo Bank, Ltd. | 24 | 17,622 | |
| 38 | Kawasaki Heavy Industries, Ltd. | 7 and 10 | 17,404 | |
| 39 | Sumitomo Metal Industries, Ltd. | 6 | 17,377 | |
| 40 | Asahi Chemical Industry Co. | 8 | 17,234 | |
| 41 | Yamazaki Baking Co. | 3 | 16,907 | |
| 42 | Fuji Bank, Ltd. | 24 | 16,521 | |
| 43 | Hitachi Construction Heavy Industries Co. (HCHI) | 7 and 10 | 15,773 | |
| 44 | Bridgestone Corp. | 8 | 16,659 | |
| 45 | Kubota Corp. | 7 | 16,046 | |
| 46 | Mitsubishi Bank, Ltd. | 24 | 15,931 | |
| 47 | Hitachi Transporting Co. | 22 | 15,876 | |
| 48 | Fuji Xerox Co., Ltd. | 9 | 15,543 | |
| 49 | Sumitomo Electric Industries, Ltd. | 6 and 12 | 15,412 | |
| 50 | Seibu Transport Co. | 22 | 15,359 | |
| 51 | Ito-Yodobashi Camera Co., Ltd. | 23 | 15,361 | |
| 52 | Fuji Heavy Industries, Ltd. | 11 | 15,018 | |
| 53 | Suzwa Bank, Ltd. | 24 | 14,965 | |
| 54 | Asahi Glass Co. | 24 | 14,919 | |
| 55 | Takio Marine & Fire Insurance Co. | 24 | 14,900 | |
| 56 | All Nippon Airways Co. (ANA) | 22 | 14,657 | |
| 57 | Kajima Corp. | 20 | 14,597 | |
| 58 | Sumitomo Metal | 7 | 14,514 | |
| 59 | Ban Nippon Printing Co. | 18 | 14,308 | |
| 60 | Toppan Printing Co. | 18 | 14,148 | |
| 61 | Fuji Electric Co. | 9 | 14,094 | |
| 62 | Geihoku Electric Power Co. | 21 | 14,081 | |
| 63 | Victor Company of Japan, Ltd. | 9 | 14,000 | |
| 64 | Matsuhashi Electric Co., Inc. | 9 | 13,992 | |
| 65 | Nippon Keizai Power Co., Inc. | 21 | 13,857 | |
| 66 | Kyushu Japan Railway Co. | 22 | 13,930 | Former Japan National Railways. |
| 67 | Ricoh Co. | 9 | 13,724 | |
| 68 | Japan Life Insurance Co. | 24 | 13,679 | |
| 69 | Hitachi, Ltd. | 23 | 13,654 | |
| 70 | Taisei Corp. | 20 | 13,551 | |
| 71 | Kyoeisha Corp. | 16 | 13,470 | |
| 72 | Sumitomo Corp. | 20 | 13,459 | |
| 73 | NKK | 26 | 13,220 | |
| 74 | Suzuki Motor Corp. | 11 | 13,218 | |
| 75 | Izuzu Motors, Ltd. | 11 | 13,084 | |
| 76 | Toto, Ltd. | 21 | 12,949 | |
| 77 | Kinki Nippon Railway Co. | 22 | 12,650 | |
| 78 | Sekisui House, Ltd. | 20 | 12,632 | |
| 79 | Yamada Fire & Marine Insurance Co. | 24 | 12,544 | |
| 80 | Sumitomo Metal Industry Co. | 9 | 12,521 | |
| 81 | Obayashi Corp. | 20 | 12,418 | |
| 82 | Daihatsu Motor Co. | 11 | 12,367 | |
| 83 | Seiko Epson Corp. | 9 | 12,359 | |
| 84 | Shimadzu Corp. | 24 | 12,262 | |
| 85 | Mitsukoshi, Ltd. | 23 | 12,225 | |
| 86 | Jusco Co. | 23 | 12,151 | |
| 87 | Asahi Corp. | 20 | 12,151 | |
| 88 | Japan Travel Bureau, Inc. | 26 | 12,010 | |
| 89 | Japan Freight Railway Co. | 22 | 11,998 | Former Japan National Railways. |
| 90 | Hokkaido Japan Railway Co. | 22 | 11,996 | Former Japan National Railways. |
| 91 | JR East Japan, Ltd. | 5 | 11,996 | |
| 92 | Sumitomo Life Insurance Co. | 24 | 11,756 | |
| 93 | Toto, Ltd. | 16 | 11,492 | |
| 94 | Aisin Seiki Co. | 11 | 11,314 | |
| 95 | Asahi Kasei Chemical Corp. | 5 | 11,303 | |
| 96 | Takeda Chemical Industries, Ltd. | 5 | 11,089 | |
| 97 | Chugoku Electric Power Co. | 21 | 11,089 | |
| 98 | Ehime Railway Co. | 22 | 11,049 | |
| 99 | Daikin Industries Co. | 24 | 10,948 | |
| 100 | Buwa House Industry Co. | 20 | 10,906 | |

Total:

1,395,380

Sources: Norisuchi, Osai (ed.), **1995 Nenban Kaisha Nenkan** [Annual Corporation Reports-1995] (2 Volumes, Nippon Keizai Shinbunsha, Tokyo, 1994); Harabata, Osawa (ed.), **1995 Nenban Kaisha Sōkan** [Annual Corporation Reports (Unlisted)-1995] (2 Volumes, Nippon Keizai Shinbunsha, Tokyo, 1995)

Note: The data are those at the end of March 1994.