INDICES OF SOCIALIST CONSTRUCTION IN THE UNION OF SOVIET SOCIALIST REPUBLICS

AKAAN NASIONAL RI

U. S. S. R. COUNCIL
INSTITUTE OF PACIFIC RELATIONS

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INDICES OF SOCIALIST CONSTRUCTION IN THE UNION OF SOVIET SOCIALIST REPUBLICS

ADVANCE SHEETS OF A CHAPTER FROM THE STATISTICAL YEARBOOK OF THE CENTRAL NATIONAL ECONOMY ACCOUNTING DEPARTMENT OF THE STATE PLANNING COMMISSION OF THE UNION OF SOVIET SOCIALIST REPUBLICS. SOCIALIST CONSTRUCTION OF THE U. S. S. R., 1936

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TABLE 1. PRINCIPAL INDICES OF SOCIALIST

Indices	In terms of	1913
I. General Indices		
National income	Billions of rubles in prices of 1926-27	21.0
Share of socialized economy in total national income	Per cent of total	—
Share of industry in total national income	Per cent of total	25.5
Share of large-scale industry in total gross output of industry and agriculture	Per cent of total	40.6
Share of socialized industry in total gross output of industry	Per cent of total	—
Share of socialized agriculture in total gross output of agriculture	Per cent of total	—
Fixed funds in socialist sector of national economy (annual average) (1)	Millions of rubles in prices of 1933	—
II. Industry		
Fixed funds in large-scale industry (2)	Millions of rubles in prices of 1933	—
of this in: Production of means of production	Per cent of total	—
Production of consumers' goods	Per cent of total	—
Gross output of large-scale industry, exclusive of lumber industry, timber floatage, fisheries, and railway repair shops (Census "industry")	Millions of rubles in prices of 1926-27	10,251
of which: Production of means of production	Per cent of total	40.7
Production of consumers' goods	Per cent of total	59.3
Average annual output per worker in prices of 1926-27	Per cent of previous year	—
Gross output of the metal-working industry	Millions of rubles in prices of 1926-27	1,131 (3)
whereof: Machine-building industry and repair plants	Millions of rubles in prices of 1926-27	697 (3)
Share of machine-building industry in gross output of large-scale industry	Per cent of total	6.8
Capacity of electric generating stations (as of end of year)	Thousands of kw	1,098
whereof: District stations	Per cent of total	16.1
Output of electric power	Millions of kw.-hours	1,945
of which: Power produced by district stations	Per cent of total	22.2
Output of coal	Thousands of tons	29,117
Output of crude petroleum and natural gas	Thousands of tons	9,234
Output of pig iron	Thousands of tons	4,216
Output of steel ingots and castings	Thousands of tons	4,231

(1) Fixed funds here mean the socially-owned funds which serve several cycles of production—as, for instance, buildings and implements.
(2) Depreciation of fixed funds is not accounted for.
(3) Exclusive of railway repair shops.
(4) 1928-29.
(5) 1929-30.

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CONSTRUCTION IN THE U. S. S. R.

1929	1930	1931	1932	1933	1934	1935
28.9	35.0	40.9	45.5	48.5	55.8	65.7
56.0	74.3	90.0	93.0	94.6	96.0	97.8
37.9	42.2	42.6	45.3	47.4	50.0	52.0
54.5	61.6	66.7	70.7	70.8	73.2	74.9
89.5	94.4	—	99.5	99.55	99.66	99.71
7.0	28.9	62.8	74.7	79.5	86.4	93.6
52,645	59,903	71,870	85,222	98,284	112,072	129,948
11,389	14,199	17,376	22,615	28,995	35,391	—
59.9	63.4	67.4	71.6	74.7	76.3	—
40.1	36.4	32.6	28.4	25.3	23.7	—
19,923	25,837	32,263	36,878	39,934	48,200	58,800
45.0	49.0	52.1	53.8	55.0	57.4	59
55.0	51.0	47.9	46.2	45.0	42.6	41
112.9	109.7	107.6	102.6	108.7	110.7	116.1
3,054	4,969	7,551	9,408	10,822	13,611	17,594
2,347	3,772	6,230	7,616	9,030	11,442	—
11.8	14.6	19.3	20.7	22.6	23.7	25.3
2,296	2,876	3,972	4,677	5,583	6,287	6,880
40.9	49.3	59.8	64.6	66.6	65.9	66.0
6,224	8,368	10,687	13,540	16,357	21,016	25,900
44.8	54.3	60.6	68.1	70.3	72.7	75.3
40,067(4)	47,780(5)	56,752	64,664	76,205	98,940	109,000
13,810(4)	18,923(5)	23,162	22,319	22,458	25,612	26,795
4,021(4)	4,964(5)	4,871	6,161	7,110	10,428	12,489
4,854(4)	5,761(5)	5,620	5,927	6,889	9,693	12,600

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TABLE 1. CONTINUED

Indices	In terms of	1913
Output of rolled steel	Thousands of tons	3,506
Output of copper (smelter products)	Thousands of tons	31.1
Production of tractors	Units	—
Production of automobiles (exclusive of automobiles assembled from imported parts)	Units	—
III. AGRICULTURE		
Fixed assets of socialized agricultural enterprises (inclusive of dwelling houses and other assets of non-industrial purport, as of beginning of year, but exclusive of depreciation)	Millions of rubles in prices of 1926-27	—
whereof: State Farms and Cooperative Farms		—
Area sown by State Farms	Thousands of hectares	—
Per cent of peasant farmsteads collectivized, as of July 1	Per cent	—
Number of Machine-Tractor Stations (MTS), as of June 1	Units	—
Sown area of Collective Farms assisted by Machine-Tractor Stations, in per cent of total area sown by Collective Farms	Per cent of total	—
Number and aggregate horse-power of tractors (as of end of year[7]: number	Units	—
aggregate horse-power	Thousand H.P.	—
Gross agricultural production (inclusive of increment estimated on unfinished production of field crops, cattle-breeding and livestock, carried over from previous year)	Millions of rubles in prices of 1926-27	12,607.1
Total sown area	Millions of hectares	105.0
whereof: area sown to:		
Cereals	Millions of hectares	94.4
of which: Wheat	Millions of hectares	31.6
Industrial crops	Thousands of hectares	—
of which: Sugar beet (for refineries)	Thousands of hectares	648.7
Cotton	Thousands of hectares	688.0
Flax, long fiber	Thousands of hectares	1,015.3
Feed and fodder crops	Thousands of hectares	—
Yield of:		
Cereals	Centners per hectare	8.5
Sugar beet	Centners per hectare	168.0
Flax (fiber)	Centners per hectare	3.3

(6) As of January 1, 1936.
(7) Exclusive of tractors to be scrapped, excepting those for the year 1935.
(8) As of October 1.

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1929	1930	1931	1932	1933	1934	1935
3,898[4]	4,503[5]	4,159	4,288	4,882	6,734	8,995
35.5[4]	44.5[5]	44.3	45.0	44.3	53.3	76.0
3,281[4]	9,097[5]	38,105	50,640	78,138	94,452	113,566
1,390[4]	3,375[5]	4,005	23,879	49,724	72,472	96,620
1,665.9	2,491.2	5,996.6	11,472.9	12,657.8	14,324.9	16,298.9
377.3	566.0	1,457.5	2,891.7	3,767.1	4,475.5	5,167.4
2,273.8	3,926.2	10,958.3	13,447.5	14,138.8	15,109.7	16,192.5
3.9	23.6	52.7	61.5	64.4	71.4	87.8[6]
—	158	1,228	2,115	2,660	3,326	4,128
—	27.4	37.1	49.3	58.7	63.9	72.4
34,943[8]	72,078	125,344	148,480	210,900	276,427	380,019
391.4[8]	1,003.5	1,850.0	2,225.0	3,209.2	4,462.8	6,527.0
14,744.6	14,007.6	13,943.7	13,071.8	14,016.6	14,591.0	16,097.2
118.0	127.2	136.3	134.4	129.7	131.5	132.8
96.0	101.8	104.4	99.7	101.6	104.7	103.4
29.8	33.8	36.9	34.5	33.2	35.3	37.1
8,799.8	10,465.7	14,039.3	14,877.2	11,981.0	10,724.8	10,641.8
770.7	1,035.8	1,394.1	1,537.8	1,210.7	1,183.3	1,225.1
1,055.5	1,582.6	2,137.3	2,172.0	2,051.6	1,940.6	1,953.5
1,630.6	1,749.1	2,390.9	2,510.0	2,394.6	2,109.8	2,106.7
4,983.1	6,506.9	8,780.7	10,631.6	7,321.0	7,143.4	8,608.7
7.5	8.5	6.7	7.0	8.8	8.5	8.7
81.1	135.3	86.4	64.3	74.2	96.0	132.3
2.2	2.5	2.3	2.0	2.3	2.5	2.6

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TABLE 1. CONTINUED

Indices	In terms of	1913
Gross production of cereals	Millions of centners	801.0
Number of livestock:		
Horses	Millions of head	35.8(9)
Cattle	Millions of head	60.6(9)
Hogs	Millions of head	20.9(9)
Sheep and goats	Millions of head	121.2(9)
IV. TRANSPORT AND COMMUNICATIONS		
Fixed funds in transport and communications system	Millions of rubles in prices of 1933	—
Railway revenue, ton-km	Millions of ton-km (tariff)	91,089
Revenue freight carried by railways	Thousands of tons	132,400
Passengers carried on railways	Thousands of passengers	184,800
Operating length of railways (annual average)	Kilometers	58,549
Freight carried by river transport (People's Commissariat of Water Transport)	Thousands of tons	—
Passengers carried by river transport (People's Commissariat of Water Transport)	Thousands of passengers	—
Operating length of navigable rivers	Thousands of km	—
Freight carried by sea (on all ships)	Thousands of tons	33,069
of this on ships of the Soviet Mercantile Fleet *(Sovtorgflot)*	Thousands of tons	—
Length of air lines (exclusive of overlapping sections)	Kilometers	—
Length of interurban telegraph and telephone lines	Thousands of km	502.5
V. CAPITAL INVESTMENTS		
Capital investments in socialist sector of national economy	Millions of rubles in prices of respective year	—
of which in: Industry (inclusive of district generating stations)	Millions of rubles in prices of respective year	—
Agriculture (inclusive of the labor and own resources of Collective Farm members)	Millions of rubles in prices of respective year	—
Transport and communications (including industrial enterprises)	Millions of rubles in prices of respective year	—
Municipal economy (inclusive of electric generating stations)	Millions of rubles in prices of respective year	—
Education(11)	Millions of rubles in prices of respective year	—

(9) 1916.
(10) In addition, expenditures for special purposes amounted to 1,275 million rubles in 1933 and 1,696 million rubles in 1934.
(11) Exclusive of capital investments in education and health protection of Industrial Commissariats.

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1929	1930	1931	1932	1933	1934	1935
717.4	835.4	694.8	698.7	898.0	894.0	901.0
34.6	30.2	26.2	19.6	16.6	15.6	15.9
67.1	52.5	47.9	40.7	38.4	42.4	49.3
20.4	13.6	14.4	11.6	12.1	17.4	22.6
147.0	108.8	77.7	52.1	50.2	51.9	61.1
16,315	17,361	18,747	20,560	22,687	25,175	28,585
145,087	185,876	214,222	253,420	244,639	277,167	336,002
187,626	238,732	258,283	267,906	268,075	317,075	388,533
365,239	557,704	723,681	967,053	927,028	945,206	919,119
77,010	77,073	80,248	81,564	82,080	83,247	83,818
23,143.6	36,504.9	44,668.9	46,937.9	44,717.0	52,683.4	64,707.7
20,697.1	32,058.0	34,428.2	43,631.1	41,584.2	41,238.8	40,252.2
74.0	75.0	76.0	77.6	82.2	81.2	83.8
23,513	34,946	36,903	34,349	33,102	38,752	39,393
8,839	12,278	14,672	14,820	15,868	22,185	25,371
15,426	26,316	27,716	31,934	34,761	42,440	45,609
955.0	1,071.4	1,322.4	1,509.0	1,652.6	1,855.0	2,013.2
5,885	9,786	15,681	20,086	18,432(10)	23,832(10)	24,015
2,615	4,115	7,407	10,431	8,863	10,624	—
840	2,590	3,645	3,820	3,900	4,661	—
1,349	1,903	3,058	3,878	3,598	5,073	—
300	315	336	465	562	1,222	—
221	241	239	250	234	355	—

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TABLE 1. CONTINUED

Indices	In terms of	1913
Health protection and pensions[11]	Millions of rubles in prices of respective year	—
VI. LABOR		
Average annual number of wage-earners and employees in all branches of national economy[12]	Thousands	—
of these in: Large-scale industry (inclusive of number on payroll in Producers' Cooperatives)	Thousands	—
Transport	Thousands	—
Building construction	Thousands	—
State Farms and Machine-Tractor Stations	Thousands	—
Total annual pay-roll disbursements to wage-earners and salaried employees in national economy as a whole	Millions of rubles	—
whereof: Large-scale industry (inclusive of number on pay-roll in Producers' Cooperatives)	Millions of rubles	—
Transport	Millions of rubles	—
Building construction	Millions of rubles	—
State Farms and Machine-Tractor Stations	Millions of rubles	—
Average annual wages and salaries in all national economy	Rubles	—
whereof: Large-scale industry (inclusive of number on pay-roll in Producers' Cooperatives)	Rubles	—
Transport	Rubles	—
Building construction	Rubles	—
State Farms and Machine-Tractor Stations	Rubles	—
VII. TRADE TURNOVER		
Retail trade turnover:		
State trade	Millions of rubles in prices of respective year	—
Cooperative trade	Millions of rubles in prices of respective year	—
Private trade	Millions of rubles in prices of respective year	—
Total	Millions of rubles in prices of respective year	—
of which in: Cities	Millions of rubles in prices of respective year	—
Rural localities	Millions of rubles in prices of respective year	—

(12) Figures for 1928-1930 are exclusive of lumbermen using own horses; data for subsequent years include same.

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1929	1930	1931	1932	1933	1934	1935
116	128	141	148	173	324	—
12,167.9	14,530.9	18,989.5	22,942.8	22,325.3	23,681.2	24,769.9
3,365.9	4,263.8	5,483.3	6,481.3	6,229.4	6,530.7	7,065.5
1,302.2	1,499.2	1,927.2	2,222.0	2,304.9	2,555.6	2,921.8
917.8	1,623.4	2,548.9	3,125.8	2,361.1	2,618.1	2,203.9
416.4	795.0	1,601.1	2,370.7	2,603.1	2,959.5	2,837.3
9,735.2	13,597.2	21,394.8	32,737.7	34,952.7	44,000.0	56,200.0
3,222.4	4,413.0	6,494.3	9,547.9	10,350.9	12,586.8	16,779.5
1,209.6	1,594.8	2,305.2	3,347.3	3,852.7	4,993.0	6,980.6
940.9	1,756.1	3,168.7	4,715.9	3,873.9	5,345.2	5,503.5
166.3	483.1	1,258.8	2,000.5	2,636.3	3,533.2	4,374.3
800	936	1,127	1,427	1,566	1,858	2,269
957	1,035	1,184	1,473	1,662	1,927	2,375
929	1,064	1,196	1,506	1,672	1,954	2,389
1,025	1,082	1,243	1,509	1,641	2,042	2,497
399	608	786	844	1,013	1,194	1,542
3,197.7	4,282.5	6,547.2	12,995.4	22,162.9	32,311.4	45,421.8
11,396.0	13,300.0	18,178.0	22,508.9	21,239.7	22,460.6	28,300.9
2,273.4	1,043.0	—	—	—	—	—
16,867.1	18,625.5	24,725.2	35,504.3	43,402.6	54,772.0	73,722.7
11,499.1	11,996.3	16,447.0	23,387.8	29,448.2	39,348.8	52,240.2
5,368.0	6,629.2	8,278.2	12,116.5	13,954.4	15,423.2	21,482.5

PERPUSTAKAAN NASIONAL
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TABLE 1. CONTINUED

Indices	In terms of	1913
Turnover in public catering system	Millions of rubles in prices of respective year	—
VIII. EDUCATION		
Number of students in Universities and Engineering Colleges (as of beginning of year)	Thousands	124.7[13]
Number of students in Technical High Schools (as of beginning of year)	Thousands	48.0[13]
Number of students in Workers' Preparatory Departments of Universities and Colleges (as of beginning of year)	Thousands	—
Number of students in elementary and secondary schools (as of beginning of year)	Thousands	7,800.6[13]
IX. HEALTH PROTECTION		
Number of hospital beds, total[14]	Thousands	175.6
In cities	Thousands	89.2
In rural localities	Thousands	49.4
In railway hospitals	Thousands	—
Number of doctors	Thousands	19.8
X. FINANCE		
State budget of the U.S.S.R.	Millions of rubles	—
Receipts, total	Millions of rubles	—
Expenditure		
National economy	Millions of rubles	—
Allocations for social and cultural purposes	Millions of rubles	—
XI. FOREIGN TRADE		
Exports	Millions of rubles	1,520.1
Imports	Millions of rubles	1,375.0

(13) School year 1914-1915.
(14) Exclusive of beds for mental cases, beds in health resorts and sanatoria, as well as reserve beds.

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1929	1930	1931	1932	1933	1934	1935
550.0	1,290.0	2,740.0	4,852.3	6,386.6	7,042.7	6,920.9
166.8	191.1	272.1	394.0	469.8	416.9	469.8
284.0	327.1	593.7	754.1	797.0	601.6	636.0
56.5	68.2	231.9	319.5	352.7	271.3	267.4
12,074.8	13,503.7	17,656.2	20,846.2	21,813.5	22,003.6	23,459.6
No data	No data	No data	410.2	No data	477.6	No data
No data	No data	No data	230.0	No data	261.1	No data
No data	No data	No data	107.0	No data	122.5	No data
No data	No data	No data	18.8	No data	22.1	No data
No data	No data	No data	77.9	No data	85.9	No data
6,654.1[4]	11,230.3[5]	20,341.9	30,573.5	40,153.1	50,759.6	—
6,670.4[4]	10,765.6[5]	20,332.8	30,283.0	35,666.6	48,306.6	—
3,436.5[4]	6,031.9[5]	15,327.7	23,161.3	25,113.9	30,233.2	—
416.1[4]	740.3[5]	1,290.7	1,718.7	2,334.5	3,240.9	—
923.7	1,036.4	811.2	574.9	494.9	418.3	367.4
880.6	1,058.8	1,105.0	704.0	348.2	232.4	241.4

PERPUSTAKAAN NASIONAL
REPUBLIK INDONESIA

TABLE 2. FIXED FUNDS OF SOCIALIZED ENTERPRISES
(in millions of rubles, as of 1933 prices)

Branches of National Economy	Fixed Funds[1] (annual average)					Growth of Fixed Funds (per cent of previous year)			
	1930	1932	1933	1934	1935	1932	1933	1934	1935
Total	59,903	85,222	98,284	112,072	129,948	118.6	115.3	114.0	116.0
including:									
Industry	15,266	25,542	31,847	38,028	44,573	127.6	124.7	119.4	117.2
Agriculture	4,077	11,367	13,460	15,270	17,608	145.9	118.4	113.4	115.3
of which in:									
State Farms	699	2,700	3,467	4,055	—	175.7	128.4	117.0	—
Machine-Tractor Stations (MTS)	71	825	1,323	1,868	—	238.4	160.4	141.2	—
Transport and communications system	17,361	20,560	22,687	25,175	28,585	109.7	110.3	111.0	113.5
Trade and supply	903	1,281	1,544	1,998	2,645	119.2	120.5	129.4	132.4
Education, public health, municipal services and housing	22,296	26,472	28,746	31,601	36,537	109.2	108.6	109.9	115.6

(1) See note (1), Table 1.

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II. INDUSTRIALIZATION

TABLE 3. INDUSTRIAL AND AGRICULTURAL PRODUCTION
(per cent of total)

Branch of Economy	1913	1929	1930	1931	1932	1934	1935
Total production	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Large-scale industry(1)	40.6	54.5	61.6	66.7	70.7	73.2	74.9
Agriculture(2)	59.4	45.5	38.4	33.3	29.3	26.8	25.1

(1) Exclusive of the lumber industry and fisheries.
(2) Inclusive of the lumber industry, hunting and fishing.

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TABLE 4. CHANGES IN STRUCTURE OF LARGE-SCALE ("CENSUS") INDUSTRY

Gross Output (in millions of rubles, in prices of 1926-27)

Branch of Industry	1913	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
All industry(1)	10,251	2,004	2,619	4,005	4,660	7,739	11,083	12,679	15,818	19,923	25,837	32,263	36,878	39,934	48,200	58,800
Per cent of total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Production of means of production	4,177	876	1,173	1,925	2,109	3,356	4,865	5,570	6,807	8,966	12,664	16,815	19,852	21,960	27,666	34,700
Per cent of total	40.7	43.7	44.8	48.1	45.3	43.4	43.9	43.9	43.0	45.0	49.0	52.1	53.8	55.0	57.4	59
Production of consumers' goods	6,074	1,128	1,446	2,080	2,551	4,383	6,218	7,109	9,011	10,957	13,173	15,448	17,026	17,974	20,534	24,000
Per cent of total	59.3	56.3	55.2	51.9	54.7	56.6	56.1	56.1	57.0	55.0	51.0	47.9	46.2	45.0	42.6	41

(1) Large-scale industry exclusive of the lumber industry, timber floatage, fisheries, and railroad repair shops.

TABLE 5. STATE BUDGET ALLOCATIONS FOR INDUSTRY
(in millions of rubles)

Part of National Economy	1929-30	1931	1932	1933	1934
Industry(1)	2,274.7	7,780.3	12,576.9	13,049.0	12,645.7
Total national economy	6,031.9	15,327.7	23,161.3	25,113.9	30,233.2

(1) Exclusive of the food industry.

TABLE 6. MACHINE BUILDING

	1913	1928	1929	1930	1931	1932	1933	1934
Gross output of machinery (in millions of rubles in prices of 1926-27(1)	697	1,735	2,347	3,772	6,230	7,616	9,030	11,442
Per cent of machine-building to total gross output of large-scale industry	6.8	11.0	11.8	14.6	19.3	20.7	22.6	23.7

(1) Including repair plants.

TABLE 7. CAPACITY OF ELECTRIC GENERATING STATIONS AND OUTPUT OF ELECTRIC POWER

Indices	In terms of	1913	1916	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
CAPACITY OF ELECTRIC GENERATING STATIONS																	
Total	Thous.kw.	1,098	1,192	1,247	1,279	1,308	1,397	1,586	1,698	1,905	2,296	2,876	3,972	4,677	5,583	6,287	6,880
whereof: District stations	Thous.kw.	177	245	277	287	307	367	456	525	626	938	1,419	2,376	3,020	3,708	4,146	4,540
Per cent of electric power generated by district stations to total capacity	Per cent	16.1	20.6	22.2	22.4	23.5	26.3	28.7	30.9	32.8	40.9	49.3	59.8	64.6	66.4	65.9	66.0
OUTPUT OF ELECTRIC POWER																	
Total	Million kw.-hrs.	1,945	2,575	775	1,146	1,562	2,925	3,508	4,205	5,007	6,224	8,368	10,687	13,540	16,357	21,016	25,900
whereof: District stations	Million kw.-hrs.	431	729	475	630	702	935	1,190	1,543	2,001	2,786	4,541	6,474	9,217	11,499	15,274	19,500
Per cent of electric power output of district stations to total output	Per cent	22.2	28.3	61.3	55.9	44.9	32.0	33.9	36.7	40.0	44.8	54.3	60.6	68.1	70.3	72.7	75.3

TABLE 8. PRINCIPAL INDICES OF POWER SUPPLY IN INDUSTRY

(Enterprises of Industrial Commissariats)

Indices	1926	1928	1929	1930	1931	1932	1933	1934
ALL INDUSTRY								
Total power supply per worker(1)	1.18	1.30	1.42	1.48	1.59	1.67	1.86	2.19
Electric power supply per worker(2)	0.58	0.69	0.82	0.95	1.07	1.16	1.37	1.63
Coefficient of electrification of industrial processes(3)	45.8	49.9	56.3	62.4	65.5	67.3	69.9	71.6
Coefficient of centralization of electric power supply(4)	32.4	38.6	45.5	54.5	61.0	65.9	69.6	72.7
I. PRODUCTION OF MEANS OF PRODUCTION								
Total power supply per worker(1)	1.46	1.58	1.70	1.76	1.87	1.96	2.21	2.70
Electric power supply per worker(2)	0.80	0.91	1.06	1.18	1.29	1.41	1.65	2.03
Coefficient of electrification of industrial processes(3)	14.8	57.4	62.8	67.4	67.6	70.3	72.6	74.0
Coefficient of centralization of electric power supply(4)	30.7	36.0	43.3	52.8	59.9	64.7	68.7	72.1
II. PRODUCTION OF CONSUMERS' GOODS								
Total power supply per worker(1)	0.85	0.97	1.03	1.03	1.07	1.09	1.11	1.15
Electric power supply per worker(2)	0.32	0.43	0.51	0.57	0.67	0.69	0.76	0.80
Coefficient of electrification of industrial processes(3)	32.2	38.4	44.9	50.9	56.1	58.6	61.2	62.3
Coefficient of centralization of electric power supply(4)	36.7	45.1	51.2	59.3	65.0	70.3	73.4	75.6

(1) Electric and mechanical power per man-hour actual work (in kw-hrs.).
(2) Electric power per man-hour actual work (in kw.-hrs.).
(3) Ratio of electric power consumption for industrial purposes (motive power and process uses) to total consumption of power (mechanical and electric) for the same purposes.
(4) Per cent of purchased electric power to total industrial consumption of electric power (generated by plants, plus purchased power).

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TABLE 9. TECHNICAL-ECONOMIC INDICES OF ELECTRIC GENERATING STATIONS

	1930	1931	1932	1933	1934
Per cent of electric power generated at hydro-electric stations and stations utilizing local fuel in total electric power output of district stations	79.5	75.0	70.2	76.8	79.0
Per cent of power capacity of stations with over 100,000 kw. capacity in total capacity of district electric stations	—	—	46.6	50.2	49.8
Average capacity per turbo-generator installed at district electric stations (in thousands of kw.)	6.6	8.5	8.9	11.1	11.7
Consumption of conventional fuel (7,000 cal.) per kw.-hour energy produced (district electric stations)	0.86	0.80	0.77	0.72	0.67

TABLE 10. NEW EQUIPMENT OF THE COAL MINING INDUSTRY

	1928	1929	1930	1931	1932	1933	1934
Coefficient of electrification of industrial processes(1)	61.6	71.4	72.8	74.3	76.9	82.1	83.9
Coefficient of centralization of electric power supply(1)	32.1	70.4	90.8	88.3	88.1	89.4	90.6
Total power supply per worker(1)	1.28	1.24	1.30	1.33	1.34	1.44	1.73
Electric power supply per worker(1)	0.79	0.88	0.96	1.00	1.04	1.20	1.47
Per cent of mechanized coal mining	—	—	—	59.6	62.6	67.6	71.2
of which: Coal mined with heavy-duty cutting machines	—	—	—	—	40.8	40.9	41.1
Per cent of mechanized coal loading(2)	—	—	—	—	72.8	74.9	76.0
Per cent of mechanized coal haulage(3)	—	—	—	—	19.6	36.9	40.5
Per cent of production from mines with more than 500,000 ton annual output in total coal mined	—	—	—	—	11.3	15.1	21.0
Number of heavy-duty cutting machines (as of end of year)	549	761	1,007	1,278	1,473	1,679	1,754
Number of light-duty cutting machines (as of end of year)	268	393	409	322	339	294	327
Number of chipping hammers (as of end of year)	71	1,274	3,322	6,190	9,020	10,764	12,931

(1) See footnotes to Table 8, page 16.
(2) From coal face to main drive.
(3) From main drive to cage.

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TABLE 11. NEW EQUIPMENT OF THE PETROLEUM INDUSTRY

	1928	1929	1930	1931	1932	1933	1934
Coefficient of electrification of industrial processes(1)	73.1	79.9	83.8	81.0	79.5	82.2	84.6
Total power supply per worker(1)	4.98	5.76	6.54	7.26	8.45	9.06	9.51
Electric power supply per worker(1)	3.68	4.64	5.49	5.88	6.74	7.52	8.07
Per cent of extraction by compressors, gas lifts and deep pumping in total oil extraction	51.8(2)	50.6(3)	49.8	55.8	73.4	66.6	71.9
Per cent of rotary drilling to total drilling	70.7(2)	78.8(3)	85.4	88.8	94.1	97.3	98.4
Speed of drilling (monthly average per operating machine in meters)	56.5(2)	72.3(3)	89.0	90.9	108.1	118.5	157.4

(1) See footnotes to Table 8, page 16.
(2) 1927-28.
(3) 1928-29.

PERPUSTAKAAN NASIONAL REPUBLIK INDONESIA

TABLE 12. NEW EQUIPMENT OF THE PEAT INDUSTRY

	1928	1929	1930	1931	1932	1933	1934
Coefficient of electrification of industrial processes(1)	68.0	70.8	80.6	65.5	71.1	69.5	75.0
Total power supply per worker(1)	0.53	0.58	0.70	0.78	0.83	0.86	0.89
Electric power supply per worker(1)	0.38	0.42	0.56	0.53	0.62	0.64	0.71
Per cent of peat extracted by the hydro-peat method(2), hydraulic elevator method, mechanical-excavator and milling-cutter methods, in total output of peat(3)	18.1	16.4	25.7	39.1	46.2	40.8	43.8

(1) See footnotes to Table 8, page 16.
(2) By this method a powerful jet of water is directed against the peat, thus softening it and ultimately converting it into an easily removable hydrated mass.
(3) The hydraulic elevator method was introduced in 1930, the milling-cutter method in 1928 and the mechanical-excavator method in 1932.

TABLE 13. NEW EQUIPMENT OF FERROUS METALS INDUSTRY

	1928	1929	1930	1931	1932	1933	1934	1935
Coefficient of electrification of industrial processes(1)	40.0	41.4	46.4	44.2	44.6	47.1	51.3	—
Coefficient of centralization of electric power supply(1)	9.7	8.2	12.0	20.9	39.8	51.3	62.2	—
Total power supply per worker(1)	3.33	3.54	4.41	5.21	5.26	5.33	7.35	—
Electric power supply per worker(1)	1.33	1.53	2.07	2.38	2.47	2.60	3.85	—
Number of blast furnaces	69(2)	—	—	—	—	103(3)	108(3)	112(3)
Total effective volume of blast furnaces (in cubic meters)	20,030.0(2)	—	—	—	—	36,913.0(3)	42,217.0(3)	48,390(3)
Average useful volume per furnace (in cubic meters)	290.3(2)	—	—	—	—	358.4(3)	390.9(3)	432.0(3)
Coefficient of utilization of useful volume of blast furnaces	—	—	—	1.88	1.75	1.71	1.35	—
Per cent of pig iron smelted in fully mechanized blast furnaces	—	—	—	—	25.6	32.3	46.6	—
Number of open-hearth furnaces	222(2)	—	—	—	—	296(3)	322(3)	337(3)
Total hearth area (in sq. meters)	4,799(2)	—	—	—	—	6,701(3)	7,869(3)	8,613(3)
Average hearth area per furnace (in sq. meters)	22(2)	—	—	—	—	23(3)	24(3)	26(3)

(1) See footnotes to Table 8, page 16.
(2) As of October 1.
(3) As of January 1.

PERPUSTAKAAN NASIONAL REPUBLIK INDONESIA

TABLE 11. NEW EQUIPMENT OF THE PETROLEUM INDUSTRY

	1928	1929	1930	1931	1932	1933	1934
Coefficient of electrification of industrial processes(1)	73.1	79.9	83.8	81.0	79.5	82.2	84.6
Total power supply per worker(1)	4.98	5.76	6.54	7.26	8.45	9.06	9.51
Electric power supply per worker(1)	3.68	4.64	5.49	5.88	6.74	7.52	8.07
Per cent of extraction by compressors, gas lifts and deep pumping in total oil extraction	51.8(2)	50.6(3)	49.8	55.8	73.4	66.6	71.9
Per cent of rotary drilling to total drilling	70.7(2)	78.8(3)	85.4	88.8	94.1	97.3	98.4
Speed of drilling (monthly average per operating machine in meters)	56.5(2)	72.3(3)	89.0	90.9	108.1	118.5	157.4

(1) See footnotes to Table 8, page 16.
(2) 1927-28.
(3) 1928-29.

PERPUSTAKAAN NASIONAL REPUBLIK INDONESIA

TABLE 12. NEW EQUIPMENT OF THE PEAT INDUSTRY

	1928	1929	1930	1931	1932	1933	1934
Coefficient of electrification of industrial processes(1)	68.0	70.8	80.6	65.5	71.1	69.5	75.0
Total power supply per worker(1)	0.53	0.58	0.70	0.78	0.83	0.86	0.89
Electric power supply per worker(1)	0.38	0.42	0.56	0.53	0.62	0.64	0.71
Per cent of peat extracted by the hydro-peat method(2), hydraulic elevator method, mechanical-excavator and milling-cutter methods, in total output of peat(3)	18.1	16.4	25.7	39.1	46.2	40.8	43.8

(1) See footnotes to Table 8, page 16.
(2) By this method a powerful jet of water is directed against the peat, thus softening it and ultimately converting it into an easily removable hydrated mass.
(3) The hydraulic elevator method was introduced in 1930, the milling-cutter method in 1928 and the mechanical-excavator method in 1932.

TABLE 13. NEW EQUIPMENT OF FERROUS METALS INDUSTRY

	1928	1929	1930	1931	1932	1933	1934	1935
Coefficient of electrification of industrial processes(1)	40.0	41.4	46.4	44.2	44.6	47.1	51.3	—
Coefficient of centralization of electric power supply(1)	9.7	8.2	12.0	20.9	39.8	51.3	62.2	—
Total power supply per worker(1)	3.33	3.54	4.41	5.21	5.26	5.33	7.35	—
Electric power supply per worker(1)	1.33	1.53	2.07	2.38	2.47	2.60	3.85	—
Number of blast furnaces	69(2)	—	—	—	—	103(3)	108(3)	112(3)
Total effective volume of blast furnaces (in cubic meters)	20,030.0(2)	—	—	—	—	36,913.0(3)	42,217.0(3)	48,390(3)
Average useful volume per furnace (in cubic meters)	290.3(2)	—	—	—	—	358.4(3)	390.9(3)	432.0(3)
Coefficient of utilization of useful volume of blast furnaces	—	—	—	1.88	1.75	1.71	1.35	—
Per cent of pig iron smelted in fully mechanized blast furnaces	—	—	—	—	25.6	32.3	46.6	—
Number of open-hearth furnaces	222(2)	—	—	—	—	296(3)	322(3)	337(3)
Total hearth area (in sq. meters)	4,799(2)	—	—	—	—	6,701(3)	7,869(3)	8,613(3)
Average hearth area per furnace (in sq. meters)	22(2)	—	—	—	—	23(3)	24(3)	26(3)

(1) See footnotes to Table 8, page 16.
(2) As of October 1.
(3) As of January 1.

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TABLE 14. NUMBER OF COMBINES (COMBINED HARVESTERS AND THRESHERS) AND MOTOR VEHICLES ON STATE FARMS AND AT MACHINE-TRACTOR STATIONS

(as of end of respective year)

Description	1930	1932	1933	1934	1935
State Farms of the People's Commissariat of State Farms					
Combines (thous. units)	1.7	11.9	13.4	15.4	19.5
Motor trucks (thous. units)	2.1	6.2	10.3	11.3	13.4
Machine-Tractor Stations					
Combines (thous. units)	7(units)	2.2	10.4	15.2	29.9
Motor trucks (thous. units)	0.2	6.0	12.3	19.5	29.7

TABLE 15. NUMBER OF TRACTORS IN AGRICULTURE

(taking into account depreciation)

Description	Oct. 1, 1928	Oct. 1, 1929	Oct. 1, 1930	Jan. 1, 1931	Jan. 1, 1932	Jan. 1, 1933	Jan. 1, 1934(1)	Jan. 1, 1935	Jan. 1, 1936(2)
Total number of tractors (units)	26,733	34,943	66,332	72,078	125,344	148,480	210,900	276,427	380,019
of which in:									
State Farm sector	6,719	9,678	24,953	27,685	51,535	63,957	83,160	95,535	112,602
Machine-Tractor Stations	—	2,387	20,801	31,174	63,274	74,761	123,156	177,305	263,830
Aggregate horse power of tractors (thous. h.p.)	278.1	391.4	926.0	1,003.5	1,850.0	2,225.0	3,209.2	4,462.8	6,527.0
of which in:									
State Farm sector	77.6	123.4	445.5	483.1	892.0	1,043.0	1,401.7	1,669.5	2,041.3
Machine-Tractor Stations	—	23.9	257.1	372.5	848.0	1,077.0	1,758.1	2,753.9	4,446.3

(1) Data revised according to the Census of Agricultural Machinery and Implements taken by the Central Administration of Economic and Social Statistics. This Census does not cover the Far Eastern Territory and Yakut A.S.S.R. Figures for these territories are derived from departmental statistical material and are included in total returns for the U.S.S.R.

(2) Preliminary data inclusive of tractors to be scrapped.

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TABLE 16. MECHANIZATION OF TRACTIVE POWER IN AGRICULTURE
(exclusive of motor vehicles)

Description	1931	1932	1933	1934
PER CENT OF MECHANICAL TRACTIVE POWER:				
All sectors	14.3	19.7	28.7	37.6
whereof:				
State Farms	72.3	69.8	77.6	79.4
Collective Farms (inclusive of Machine-Tractor Stations)	15.9	19.6	28.2	37.4

NOTE: Figures for 1926-1930 are as of October 1, of respective year; for subsequent years, as of December 31; data for livestock, as of July 1. Live tractive power is expressed in mechanical power units, assuming that one horse has a capacity of 0.5 mechanical h.p.

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TABLE 17. DEVELOPMENT OF RAILWAY ROLLING STOCK
(as of end of year)

Description	1930	1932	1934	1935
Per cent of heavy type freight cars	6.9	8.3	10.5	12.1
Per cent of cars equipped with automatic brakes	5.6	10.6	26.0	32.6
Per cent of cars equipped with section brake coupling pipes	6.8	24.7	65.6	65.4

TABLE 18. LENGTH OF ELECTRIFIED RAILWAY SECTIONS AND SECTIONS EQUIPPED WITH AUTOMATIC BLOCK SIGNALLING

(in kilometers)

Description	As of Jan. 1, 1932	As of Jan. 1, 1933	As of Jan. 1, 1934	As of Jan. 1, 1935	As of Jan. 1, 1936(1)
LENGTH OF ELECTRIFIED SECTIONS					
In terms of single tracks	127	242	524	—	—
Operating length	64	153	350	379	907
LENGTH OF SECTIONS EQUIPPED WITH AUTOMATIC BLOCK SIGNALS					
In terms of single tracks	215	1,090	2,448	—	—
Operating length	132	582	1,552	2,078	3,717

(1) Preliminary data.

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III. TERRITORIAL DISTRIBUTION OF INDUSTRY

TABLE 19. OUTPUT OF COAL

(in thousands of tons)

Output	1913	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	1929-30	1931	1932	1933	1934	1935
Total for U.S.S.R.	29,117	16,328	16,520	25,770	32,275	35,510	40,067	47,780	56,752	64,664	76,205	93,940	109,000
output of: Ural, West Siberian and Kazakhstan coal fields	2,081	2,037	2,255	3,368	4,474	4,644	5,149	6,040	8,726	11,243	14,589	18,923	23,190
Per cent of total	7.1	12.5	13.6	13.1	13.9	13.0	12.9	12.6	15.4	17.4	19.1	20.1	21.2

TABLE 20. OUTPUT OF PIG IRON IN THE SOUTHERN, EASTERN AND CENTRAL REGIONS OF THE U. S. S. R.
(in thousands of tons)

Year	Total	Southern District		Eastern District		Central District	
		Absolute	Per Cent of Total	Absolute	Per Cent of Total	Absolute	Per Cent of Total
1913.....	4,216.0	3,104.9	73.6	901.7	21.5	209.5	4.9
1927-28....	3,282.3	2,391.1	72.8	702.5	21.4	188.7	5.8
1932.....	6,161.1	4,299.9	69.8	1,501.6	24.3	359.6	5.9
1933.....	7,109.8	4,672.2	65.7	2,012.0	28.3	425.6	6.0
1934.....	10,428.3	6,717.7	64.4	3,234.3	31.0	476.3	4.6

TABLE 21. OUTPUT OF STEEL IN THE SOUTHERN, EASTERN AND CENTRAL REGIONS OF THE U. S. S. R.
(in thousands of tons)

Year	Total	Southern District		Eastern District		Central District	
		Absolute	Per Cent of Total	Absolute	Per Cent of Total	Absolute	Per Cent of Total
1913.....	4,231.0	2,712.6	64.1	906.6	21.4	611.8	14.5
1927-28....	4,250.9	2,510.3	59.1	953.5	22.4	787.1	18.5
1932.....	5,927.1	3,573.3	60.3	1,111.5	18.7	1,242.3	21.0
1933.....	6,889.1	3,848.5	55.9	1,517.3	22.0	1,523.3	22.0
1934.....	9,693.2	5,256.8	54.2	2,490.9	25.7	1,945.5	20.1

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TABLE 22. CHANGES IN DISTRIBUTION OF POPULATION
(per cent of total)

Population	As of Jan. 1, 1914	As of March 15, 1923	As of Dec. 12, 1926	As of January 1, 1928	1929	1930	1931	1932	1933
Total population	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Urban population	17.7	15.0	17.9	17.4	17.9	18.7	20.1	22.2	24.0

IV. SOCIALIZATION

TABLE 23. SHARE OF SOCIALIZED SECTOR OF NATIONAL ECONOMY IN TOTAL NATIONAL INCOME
(in prices of 1926-27)

Years	1928	1929	1930	1931	1932	1933	1934	1935
Per cent of total	44.0	56.0	74.3	90.0	93.0	94.6	96.0	97.8

TABLE 24. RATIO OF SOCIALIZED TO PRIVATE SECTOR IN TOTAL GROSS OUTPUT OF INDUSTRY
(per cent of total, in fixed prices of 1926-27)

Type of Industry	1929	1930	1932	1933	1934	1935
Socialized industry	89.5	94.4	99.5	99.55	99.66	99.71
Private industry	10.5	5.6	0.5	0.45	0.34	0.29
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0

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TABLE 25. RATIO OF SOCIALIZED AGRICULTURE TO TOTAL GROSS OUTPUT OF AGRICULTURE
(per cent of total, in prices of 1926-27)

Type of Crop	1928	1929	1930	1931	1932	1934	1935
TOTAL AGRICULTURE	3.0	7.0	28.9	62.8	74.7	86.4	93.6
Grain crops	3.9	7.1	35.7	66.8	77.7	89.5	—
Industrial crops	7.3	9.6	38.7	69.8	79.0	89.0	—
Livestock-breeding	1.9	3.4	18.2	52.2	62.4	79.1	—

TABLE 26. STATE FARM DEVELOPMENT

Indices	In terms of	1928	1929	1930	1931	1932	1934	1935(1)
Area sown by State Farms	Thousands of hectares	1,735.0	2,273.8	3,926.2	10,958.3	13,447.5	15,109.9	16,192.5
Per cent of total area sown by all sectors of agriculture	Thousands of hectares	1.5	1.9	3.1	8.0	10.0	11.4	12.1
Number of wage-earners and employees, as of July 1	Thousands	599.0	659.2	1,088.4(2)	2,055.5(2)	2,793.5(2)	3,351.2	3,146.1
Fixed assets of State Farms as of January 1, (exclusive of Cooperative Farms)	Millions of rubles in prices of 1926-27	300.0	377.2	566.0	1,457.5	2,891.7	4,475.5	5,167.4

(1) Preliminary data.
(2) As of August 1.

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TABLE 27. COLLECTIVIZATION OF PEASANT FARMSTEADS AND SOWN AREA
(as of spring of respective year)

Collectivization	1928	1929	1930	1931	1932	1934	1935
Per cent of peasant farmsteads collectivized	1.7	3.9	23.6	52.7	61.5	71.4	83.2
Per cent of sown area collectivized	2.3	4.9	33.6	67.8	77.6	87.4	94.1

TABLE 28. COLLECTIVE FARMS ASSISTED BY MACHINE-TRACTOR STATIONS
(as of spring of respective year)

Sown Area	1930	1931	1932	1933	1934	1935
Sown area of Collective Farms assisted by Machine-Tractor Stations, in per cent of total area sown by Collective Farms	27.4	37.1	49.3	58.7	63.9	72.4

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V. DEVELOPMENT OF PRODUCTIVE FORCES

TABLE 29. AVERAGE ANNUAL NUMBER OF WAGE-EARNERS AND SALARIED EMPLOYEES, BY BRANCHES OF NATIONAL ECONOMY
(in thousands)

Branches of National Economy	1928	1929	1930	1931	1932	1933	1934	1935
All National Economy(1)	11,599.0	12,167.9	14,530.9	18,989.5	22,942.8	22,325.3	23,681.2	24,769.9
Large-scale industry	3,096.0	3,365.9	4,263.8	5,483.3	6,481.3	6,229.4	6,530.7	7,065.5
Building construction	723.0	917.8	1,623.4	2,548.9	3,125.8	2,361.1	2,475.0	2,203.9
Transport	1,270.0	1,302.2	1,499.2	1,927.2	2,222.0	2,304.9	2,555.6	2,921.8
Railway transport	971.0	984.0	1,084.0	1,320.2	1,526.5	1,473.7	1,603.2	1,788.6
Water transport	104.0	111.0	132.0	177.0	195.5	188.9	222.3	246.3
Other transport	195.0	207.2	283.2	430.0	500.0	642.3	730.1	886.9
Agriculture	1,676.0	1,575.6	1,552.0	2,059.7	2,857.5	2,818.7	3,093.6	2,973.9
whereof:								
State Farms and Machine-Tractor Stations	345.4	416.4	795.0	1,601.1	2,370.4	2,603.1	2,959.5	2,837.3

(1) Data for 1928-1930 are exclusive of lumber workers using own horses; data for subsequent years include same.

TABLE 30. AVERAGE ANNUAL OUTPUT PER WORKER
(in prices of 1926-27)

Years	1928	1929	1930	1931	1932	1933	1934
Per cent of preceding year	112.2	112.9	109.7	107.6	102.6	108.7	110.7
Per cent of 1928	100.0	112.9	123.9	133.3	136.7	148.6	164.5

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TABLE 31. RATE OF GROWTH OF LARGE-SCALE INDUSTRY
(per cent of previous year)

Branch of Industry	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
All industry(1)	130.7	152.9	116.4	166.1	143.2	114.4	124.8	125.9	129.7	124.9	114.3	108.3	120.7	122.0
whereof:														
Production of means of production	133.9	164.1	109.6	159.1	145.0	114.5	122.2	131.7	141.2	132.8	118.1	110.6	126.0	125.5
Production of consumers' goods	128.2	143.8	122.6	171.6	141.9	114.3	126.8	121.6	120.2	117.3	110.2	105.6	114.2	117.0

(1) Exclusive of the lumber industry, timber floatage, fisheries, and railroad repair shops.

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TABLE 32. RATE OF GROWTH OF LARGE-SCALE INDUSTRY
(per cent of 1913)

Branch of Industry	1913	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
All industry(1)	100.0	25.5	39.1	45.5	75.5	108.1	123.7	154.3	194.4	252.0	314.7	359.7	389.6	470.2	573.6
whereof:															
Production of means of production	100.0	28.1	45.9	50.3	80.2	116.5	133.7	163.0	214.6	303.2	402.6	475.3	525.7	662.3	830.7
Production of consumers' goods	100.0	23.8	34.2	41.9	72.1	102.1	116.5	148.4	180.4	216.9	254.3	280.3	295.9	338.1	396.8

(1) Exclusive of the lumber industry, timber floatage, fisheries, and railroad repair shops.

TABLE 33. FREIGHT AND PASSENGERS CARRIED BY RAILWAY

Type of Traffic	In terms of	1913	1920	1928	1929	1930	1931	1932	1933	1934	1935
FREIGHT CARRIED											
Revenue traffic dispatched	Thousands of tons	132,400	40,259	156,237	187,626	238,732	258,283	267,906	268,075	317,075	388,533
Total run	Millions of ton-km	65,696	14,354	93,389	112,950	133,918	152,129	169,270	169,485	205,746	258,066
REVENUE PASSENGERS CARRIED											
All trains											
Outgoing passengers	Thousands	184,800	—	291,118	365,239	557,704	723,681	967,053	927,028	945,206	919,119
TOTAL RUN	Millions of passenger-km	25,215	—	24,484	32,004	51,777	61,813	83,748	75,154	71,421	67,936

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TABLE 34. GROWTH OF CIVIL AVIATION
(exclusive of "Deruluft" and local lines)

Indices	In terms of	1928	1929	1930	1931	1932	1933	1934	1935
Transport Aviation									
Length of airway lines(1)	Kilometers	9,326	15,426	26,316	27,716	31,934	34,761	42,440	45,609
Aircraft kilometrage flown	Thousands of airplane-km	1,726	2,751	3,962	5,241	5,413	9,304	—	—

(1) Excluding overlapping sections.

TABLE 35. CAPITAL INVESTMENTS IN SOCIALIST SECTOR OF NATIONAL ECONOMY
(millions of rubles, in prices of respective year)

Branches of National Economy	1928	1929	1930	1931	1932	1934
TOTAL NATIONAL ECONOMY	4,083	5,885	9,786	15,681	20,086	23,832(1)
Industry (inclusive of district electric stations)	1,880	2,615	4,115	7,407	10,431	10,624
Agriculture (inclusive of own resources and labor of Collective Farm members)	379	840	2,590	3,645	3,820	4,661
Transport and communications (inclusive of industrial enterprises)	958	1,329	1,903	3,058	3,878	5,073

(1) In addition, expenditures for special purposes amounted to 1,696 million rubles.

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TABLE 36. NATIONAL INCOME OF THE U. S. S. R.
(billions of rubles, in prices of 1926-27)

Branch of National Economy	1930	1931	1932	1933	1934	Per Cent of Total 1930	1931	1932	1933	1934
Industry	14.8	17.4	20.6	23.0	27.9	42.2	42.6	45.3	47.4	50.0
Agriculture	8.7	8.6	8.4	9.2	9.4	24.9	21.0	18.4	18.9	16.8
Building construction	3.8	6.2	6.2	5.6	6.7	10.9	15.2	13.6	11.5	12.0
Transport	2.0	2.1	2.5	2.6	3.0	5.7	5.1	5.5	5.5	5.4
Trade	4.2	5.1	6.0	6.0	6.7	12.0	12.5	13.2	12.4	12.0
Public catering system	0.2	0.3	0.8	1.0	1.1	0.6	0.7	1.8	2.1	1.9
Other branches of national economy	1.3	1.2	1.0	1.1	1.0	3.7	2.9	2.2	2.2	1.9
Total	35.0	40.9	45.5	48.5	55.8	100	100	100	100	100

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