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# THE GREAT PATRIOTIC WAR

**Anniversary statistical collection**



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Anniversary statistical collection prepared by the Federal State Statistics Service is devoted to 70-th anniversary of the Victory in the Great Patriotic War 1941-1945.

The book includes statistical information on population and living conditions, situation in economy before the war, reorganization in war time and reconstruction after the war. Data on human and physical losses are presented.

The book is intended for a wide audience.

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To readers of the «Great Patriotic War.  
Anniversary statistical collection»

2015 is a remarkable year for 70-th anniversary of the Victory in the Great Patriotic War. In severe battles our people defended the independence of homeland and brought a decisive contribution in liberation of the world from fascism.

Modern understanding of those days, as well as of the price of Victory, consists of many factors: memoirs of politicians and commanders, stories of veterans, books, poems and songs about war, movies and documentaries... And, of course, for everyone interested in history, the precise statistical data are extremely important for understanding the amount of human lives losses and economic turmoil. These figures help to comprehend the tragic destinies of millions and millions of people, our compatriots, both who became innocent victims of aggressor and their heroic defenders.

I'm sure, that this collection shall be interesting not only to the professional historians. Drafted by Rosstat, it contains unique materials, including those published for the first time. Everyone can find here something new the Great Patriotic War chronicle. No doubt, strong knowledge is a fundamental element of protection of the historical memory.



Chairman of the State Duma,  
Chairman of the Russian historical society  
S. Naryshkin



Dear readers!

The statistical collection, which you hold in hands, is a result of a hard work of many people. The Soviet statisticians started to collect information, provided on these pages, more than 70 years ago.

We, as their successors and today's colleagues, tried to compile fragmentary sources of information and restore to the extent possible a picture of economic and social situation of the country during the Great Patriotic War.

In a year of the 70-th anniversary of the Great Victory let me present you the genuine witnesses of history - «matter-of-fact» statistical figures.

Hundreds of thousands of the fiction, documentary, biographic books have been written about the Great Patriotic War, and there is nothing surprising in it. 70 years is a long period of time. The war has changed a lot in life of the entire nations. But, in our opinion, the book which you hold in your hands is something special.

Nowadays some are doubtful of the achievements of our people; they often try to cast a shadow on the cherished memory of heroes. In view of the continuous attempts to revise the history an information from the primary sources becomes an extremely important. I suggest you to study statistical data and comprehend the kind of life the huge country lived in terrible years of war, to estimate the actual losses and to recognize how many efforts were made for the post-war restoration. The heroic history and tragic lives of millions of people are behind these figures.

Some of presented materials are unique and published for the first time.



Head of the Federal State Statistics Service  
A. Surinov



## Preface

This statistical collection is the anniversary edition of Rosstat, devoted to the 70-th anniversary of Victory in the Great Patriotic War of 1941-1945.

The statistical data presented in the publication reflect the country's economic and social situation before, during the war and in the first years of recovery period. Data for 1940-1950 are provided across territory of the USSR and the RSFSR within borders that existed at that time and using prices of corresponding years, in accordance with relevant statistical methodology. The international statistics was used, and the international comparisons are given on a number of indicators.

The collection contains main indicators of the economic development and social sphere during the Great Patriotic War in rear areas. According to the practice of planning which was established in war years the areas which were not affected by military operations belonged to rear districts of RSFSR: Urals, Western Siberia, Eastern Siberia, Far East, Volga region (Kuibyshev, Ulyanovsk, Saratov regions and Tatar Autonomous Soviet Socialist Republic), and also Kirov, Gorky, Vladimir, Ivanovo, Kostroma, Yaroslavl, Ryazan, Tambov, Penza regions, Mordovia Autonomous Soviet Socialist Republic, Chuvash Autonomous Soviet Socialist Republic and Mari Autonomous Soviet Socialist Republic. The cities of Moscow, Leningrad and Murmansk region didn't belong to rear areas, except for the cases of commodity turnover calculation which indicators were planned and recognized for the rear areas, including Moscow. Besides, republics of Central Asia, Kazakhstan, and republics of Transcaucasus belonged to rear areas.

The economic data of 1940 and 1943-1945 for temporarily occupied areas are also published in the statistical collection. Territories of the RSFSR, which were temporary occupied (at time when the most territory of the region was occupied by the German troops) are following: Pskov, Tula (without city of Tula), Kaluga, Kursk, Orel, Bryansk, Smolensk, Velikiye Luki, Rostov, Stavropol Territory, Kabarda Autonomous Soviet Socialist Republic and partially occupied: Leningrad (except city of Leningrad), Novgorod, Moscow (except city of Moscow), Voronezh, Kalinin, Grozny, Stalingrad, Astrakhan regions, Krasnodar Territory, North Ossetia Autonomous Soviet Socialist Republic, Karelia Autonomous Soviet Socialist Republic.

Official statistical collections, historical information, the state and private archives became information sources of the present publication. The statistical calculation methods were used for compiling of selected data. One of the features of this collection is availability of materials published for first time, which fill up information gaps for the purpose of the picture's comprehensive perception.

Management of Rosstat expresses deep gratitude to the Information & Publishing Center «Statistics of Russia», Military Scientific Library of the Russian Armed Forces'

Central Museum, Scientific Research Institute for the War History of the Military Academy of the General Staff of the Russian Armed Forces, to E.M. Andreev and T.L. Kharkova of the Scientific Research University «Higher School of Economics», as well as to Rosstat employees of its central office and territorial bodies, who took active part in drafting the anniversary publication.

This collection is a striking illustration of a hard work of the state statistics employees in the most difficult and severe period of time in the history of our country, as well as a modest sign of its acknowledgement by thankful descendants.



## Symbols of units of measure

thou.	– thousand	ton-km	– ton-kilometer
mln.	– million	passenger-km	– passenger-kilometer
bln.	– billion	l	– liter
mm	– millimeter	dkl	– dekaliter
m	– meter	ha	– hectare
r-m	– running meter	kV	– kilovolt
sq. m	– square meter	kW	– kilowatt
cu. m	– cubic meter	kWh	– kilowatt-hour
km	– kilometer	kcal	– kilocalorie
sq. km	– square kilometer	Gcal	– gigacalorie
cu. km	– cubic kilometer	h.p.	– horsepower
g	– gram	c.	– centner
kg	– kilogram	pcs.	– pieces
ton	– metric ton		

The following symbols are accepted in this collection:

- – the phenomenon is absent;
- ... – data aren't available;
- 0.0 – value of an indicator is less than measuring unit.

In some cases insignificant divergences between a result and the sum of the summands are explained by rounding of data.

Figures from <sup>1</sup> to <sup>50</sup> stand for information sources, the complete list of which is provided in the end of the collection.

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## **HERO CITIES AND CITIES OF MILITARY GLORY**

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# Population Statistics





In 1989 in the course of preparatory works for celebration of the 45<sup>th</sup> anniversary of the Victory in the Great Patriotic War, Goskomstat of the USSR was assigned the task to research and clarify the scale of losses in population size of the USSR during the Great Patriotic War. For this goal the official commission was established of specialists from Goskomstat of the USSR, Scientific&Research Institute of Goskomstat of the USSR, the Ministry of Defence of the USSR and Academy of Sciences of the USSR.

To enable the commission to proceed with this research, the materials on the population statistics stored at the USSR Central Government Archive of National Economy (now Russian state archive of economy-RSAE) were unclassified. Results of studies performed by expert's working group were approved by the commission and published (including methodology of the assessment of losses) in official publications – «History of the population of the USSR: 1920-1959»<sup>36</sup> and «Population of the Soviet Union: 1922-1991»<sup>37</sup>.

In continuation of this work in 1992-1993 Institute for Statistics and Economic Studies of Goskomstat of Russia developed and prepared reports on the following themes: «Reproduction of Population of Russia during 1946-1958» and «Reproduction of Population of Russia during 1926-1941» which were included in publication «Demographic history of Russia: 1927-1959»<sup>35</sup>.

Results of these research and other official publications, and also materials from personal archive of Dr. E.M. Andreev were used in this section.<sup>43</sup>



*Training of enumerators of Moscow region. 1939*

**Population size** <sup>21, \*</sup>  
(beginning of year)

	Population size, thou. persons			Share of urban population, percent	Year when pre-war population size was achieved
	Total	including urban	rural		
<b>USSR</b>					
1939	190678	60409	130269	32	
1940	194077	63112	130965	33	
1950	178547	69414	109133	39	
Change in population size in 1940-1950:					1956
thou. persons	-15530	6302	-21832		
percent	-8	10	-17		
<b>RSFSR</b>					
1939	108377	36296	72081	33	
1940	110098	37926	72172	34	
1950	101438	43749	57689	43	
Change in population size in 1940-1950:					1956
thou. persons	-8660	5823	-14483		
percent	-8	15	-20		

\* Hereinafter data on territorial changes of borders of RSFSR for 1939-1950 are as follows: Kaliningrad region was a part of RSFSR in 1946; Republic of Tyva (till 1961 – Tuva autonomous region, till 1991 – Tuva Autonomous Soviet Socialist Republic) was a part of RSFSR in 1944; the southern part of island of Sakhalin and Kuril Islands were a part of Sakhalin region in 1946. According to the assessment at beginning of 1950 population of Kaliningrad region was 407 thou. persons, Sakhalin region – 459 thou. persons, Tuva autonomous region – 123 thou. persons.



*Explanatory work in preparation of the All-Union Population Census 1939*

## Population of most numerous ethnicities of RSFSR

(According to All-Union population Censuses conducted in 1939 and 1959)\*

	Thousands persons		Percent of total population size	
	1939	1959	1939	1959
Total population	108262	117534	100	100
including:				
Russians	89740	97864	82.9	83.3
Tatars	3683	4074	3.4	3.5
Ukrainians	3204	3359	3.0	2.9
Mordovians	1375	1211	1.3	1.1
Chuvashes	1346	1436	1.2	1.2
Jews	891	855	0.8	0.7
Bashkirs	825	954	0.8	0.8
Germans	811	820	0.7	0.7
Udmurts	600	616	0.6	0.5
Mari	476	498	0.4	0.4
Belarusians	452	844	0.4	0.7
Komi	415	283	0.4	0.3
Chechens	400	261	0.4	0.2
Kazakhs	356	382	0.3	0.3
Avars	236	250	0.2	0.2
Buryats	221	252	0.2	0.2
Armenians	205	256	0.2	0.2
Other ethnicities	3026	3319	2.8	2.8

\* Data for the RSFSR are presented for borders of corresponding years. 1939 All-Union population census of was carried out as of January 17 and was the last pre-war census. The next All-Union population census was conducted after the Great Patriotic War in 1959 as of January 15.



### Changes in population size by sex and main age groups during of the Great Patriotic War<sup>43</sup>

	Total population size at beginning of year, mln. persons			Change of actual population size in 1941-1945, percent	Difference between actual* and hypothetical** population size at beginning of 1946	
	1941		1946		mln. persons	percent
	actual estimation*	actual estimation*	hypothetical estimation**			
<b>Total in USSR</b>	195.4	170.5	209.9	-13	-39.3	-19
including population by main age groups:						
under working age	72.1	57.1	72.8	-21	-15.6	-21
including:						
male	36.1	28.5	36.4	-21	-8.0	-22
female	36.0	28.7	36.3	-20	-7.7	-21
at working age***	106.3	97.4	118.4	-8	-21.0	-18
including:						
male	52.3	41.5	58.6	-21	-17.1	-29
female	54.1	55.9	59.8	3	-3.9	-7
over working age	17.0	16.0	18.7	-5	-2.7	-14
including:						
male	5.3	4.4	5.9	-18	-1.5	-25
female	11.6	11.6	12.8	0	-1.2	-9
<b>Total in RSFSR</b>	111.0	97.6	117.4	-12	-19.8	-17
including population by main age groups:						
under working age	41.6	32.3	39.3	-22	-7.0	-18
including:						
male	20.8	16.2	19.7	-22	-3.5	-18
female	20.7	16.1	19.6	-22	-3.5	-18
at working age***	59.9	56.3	68.0	-6	-11.7	-17
including:						
male	29.0	23.2	33.2	-20	-10.0	-30
female	30.9	33.1	34.8	7	-1.7	-5
over working age	9.5	9.0	10.1	-6	-1.1	-11
including:						
male	2.7	2.3	2.8	-14	-0.5	-16
female	6.8	6.6	7.3	-3	-0.7	-9

\* Calculations of E. M. Andreyev, L. E. Darsky, T. L. Kharkova, «Demographic history of Russia: 1927-1959»<sup>35</sup> and «Population of the Soviet Union: 1922-1991»<sup>37</sup>.

\*\* Provided population reproduction rates were confirmed at the level of 1940. Calculations of Rosstat.

\*\*\* Male aged 16–59 years, female aged 16–54 years.



### Estimations of population size and age-sex composition for RSFSR\*

(beginning of year; thou. persons)

	1939	1940	1941	1946	1947	1948	1949	1950
<b>Total population</b>								
Total	107892	109678	110988	97547	98509	99159	100252	102067
including population aged:								
0–4	13689	14730	14848	6825	6847	7641	8812	10514
5–9	11656	10799	10486	12972	12631	11170	9172	7499
10–14	13737	13771	13450	10059	10319	10822	11790	12559
15–19	9608	10410	11411	12716	12349	11880	11090	10325
20–24	9003	8431	8247	8842	9763	10674	11492	12047
25–29	10410	10655	10486	6261	6323	6552	6977	7601
30–34	8727	9001	9291	7792	7371	6872	6459	6148
35–39	7116	7384	7651	7159	7350	7499	7641	7664
40–44	5418	5680	5962	6022	6173	6297	6436	6611
45–49	4304	4404	4535	4759	4905	5076	5305	5513
50–54	3738	3762	3803	3979	4052	4090	4160	4276
55–59	3269	3298	3323	3326	3353	3367	3423	3520
60–64	2730	2746	2767	2663	2739	2789	2856	2907
65–69	2040	2103	2158	1835	1908	1968	2060	2159
70–74	1229	1272	1327	1203	1233	1245	1294	1356
75–79	694	706	719	653	693	716	754	793
80–84	316	323	330	292	302	304	325	356
85 and over	211	203	194	190	197	195	205	218
<b>Male</b>								
Total	51039	51887	52539	41708	42295	42656	43245	44185
including population aged:								
0–4	6904	7429	7484	3450	3488	3893	4488	5350
5–9	5803	5388	5244	6575	6402	5639	4630	3761
10–14	6844	6854	6686	4949	5093	5401	5917	6356
15–19	4685	5117	5645	6068	5982	5793	5426	5061
20–24	4221	3951	3900	3529	4068	4659	5218	5636
25–29	5075	5155	5021	2439	2476	2554	2719	2994
30–34	4290	4433	4574	3007	2857	2666	2514	2402
35–39	3299	3463	3638	2772	2840	2883	2929	2932
40–44	2438	2551	2679	2177	2276	2353	2431	2511
45–49	1904	1942	1998	1699	1700	1721	1790	1880
50–54	1608	1623	1643	1493	1499	1484	1483	1492
55–59	1278	1288	1311	1208	1209	1201	1221	1254
60–64	1074	1060	1051	954	973	973	985	994
65–69	770	787	805	642	661	669	695	723
70–74	441	447	462	405	413	410	422	440
75–79	241	240	242	206	218	221	232	243
80–84	102	101	102	84	87	85	91	100
85 and over	62	58	54	51	53	50	52	55

Continuation

	1939	1940	1941	1946	1947	1948	1949	1950
<b>Female</b>								
Total	56854	57791	58449	55840	56214	56503	57007	57882
including population aged:								
0-4	6785	7301	7364	3375	3360	3749	4324	5163
5-9	5853	5412	5243	6397	6230	5531	4542	3737
10-14	6894	6917	6764	5110	5226	5420	5873	6203
15-19	4923	5293	5765	6648	6366	6087	5664	5263
20-24	4782	4480	4347	5313	5695	6015	6274	6411
25-29	5335	5500	5464	3822	3847	3998	4258	4607
30-34	4437	4568	4717	4785	4514	4205	3944	3745
35-39	3816	3921	4014	4387	4509	4616	4712	4732
40-44	2980	3129	3283	3845	3898	3944	4004	4101
45-49	2400	2462	2536	3060	3205	3355	3515	3633
50-54	2130	2139	2160	2485	2554	2606	2677	2785
55-59	1991	2010	2013	2118	2144	2166	2202	2266
60-64	1656	1686	1717	1709	1766	1815	1871	1913
65-69	1270	1316	1352	1193	1247	1299	1366	1437
70-74	788	825	865	798	819	836	872	917
75-79	452	466	477	447	475	495	522	550
80-84	215	222	228	208	215	219	234	256
85 and over	148	145	140	139	144	145	153	163

\* Calculations of E.M. Andreyev, L.E. Darsky, T.L. Kharkova «Demographic history of RSFSR: 1927-1959»<sup>35</sup>. Data of 1939 population census are shifted to beginning of year and adjusted by smoothing of age structure, as well as by amendments at casual and deliberate distortions of its results.

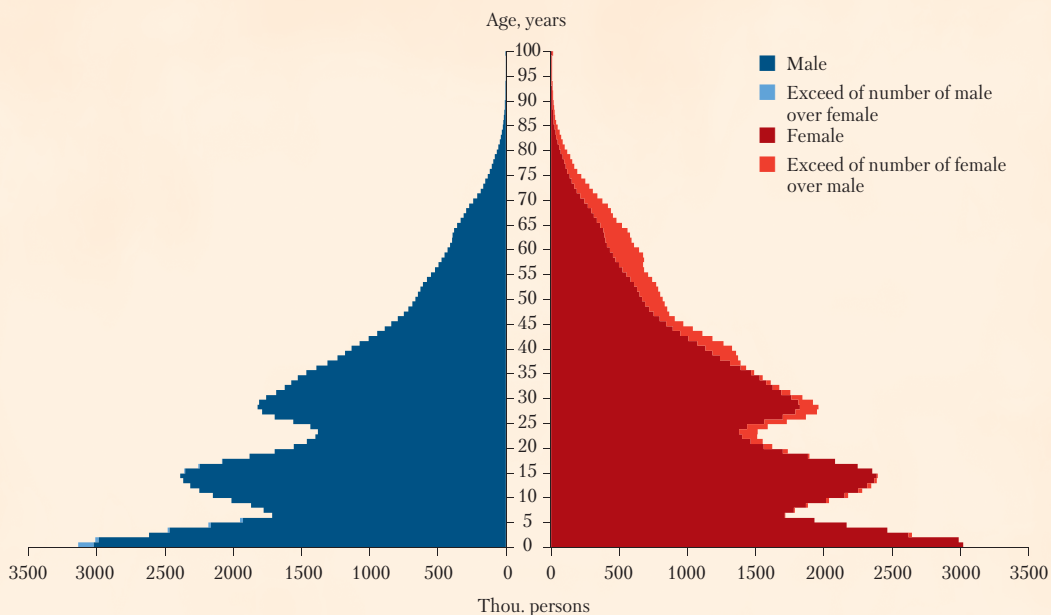
Область Ленинградская  
Область (край) Ленинградская

Общие итоги естественного движения населения за 1942 г.

Города, городские поселки и районы	Всего	Умерших	Всего умерших	В том числе умерших до 1 года		Число умерших в возрасте 1-14 лет		Число умерших в возрасте 15-64 лет		Число умерших в возрасте 65 лет и старше	
				муж.	жен.	муж.	жен.	муж.	жен.	муж.	жен.
Ленинградская область	17	201	204	13166	83	6576	6447	11007	151	108	262
Всего	17	201	204	13166	83	6576	6447	11007	151	108	262

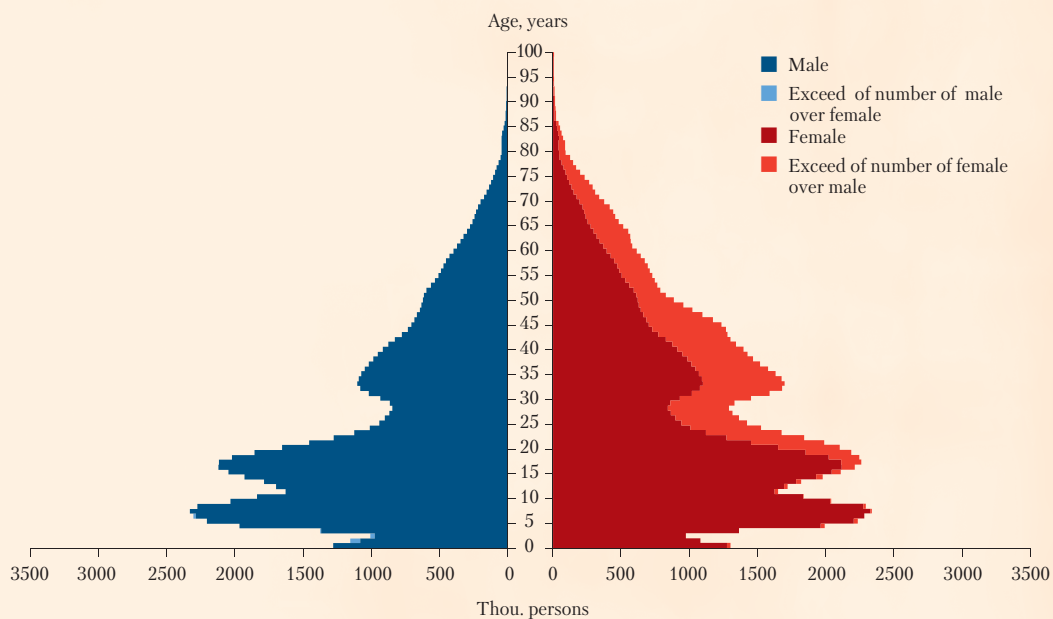
Statistical data on vital statistics in Leningrad: 1942

### Population age and sex composition for USSR: beginning of 1941\*



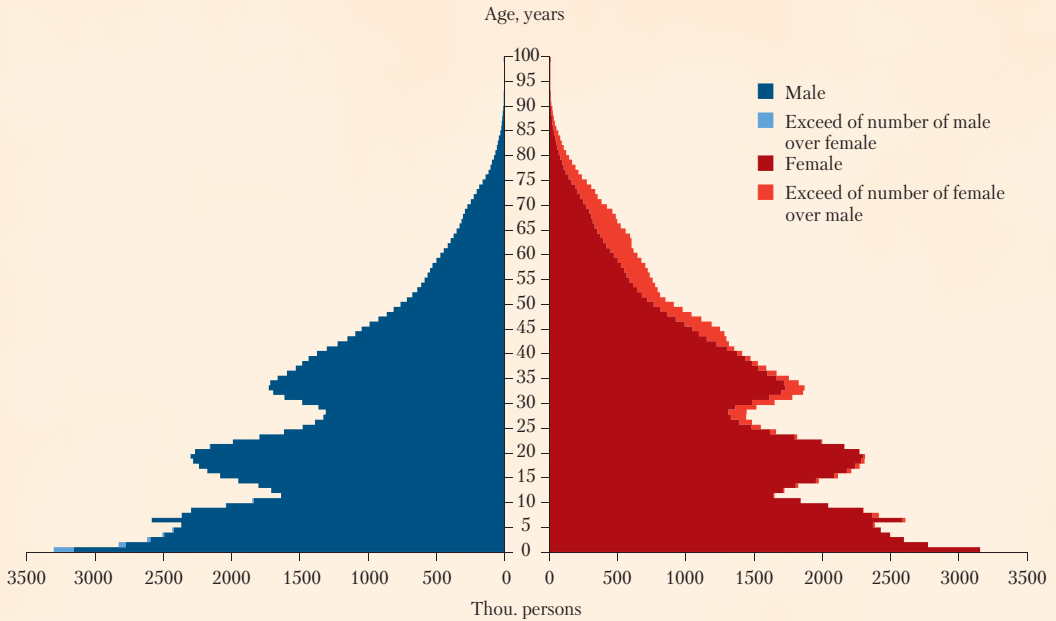
\* Calculations are made by group of authors of «Population of the Soviet Union: 1922-1991»<sup>37</sup> (E.M. Andreyev, L.E. Darsky, T.L. Kharkova).

### Population age and sex composition for USSR: beginning of 1946\*



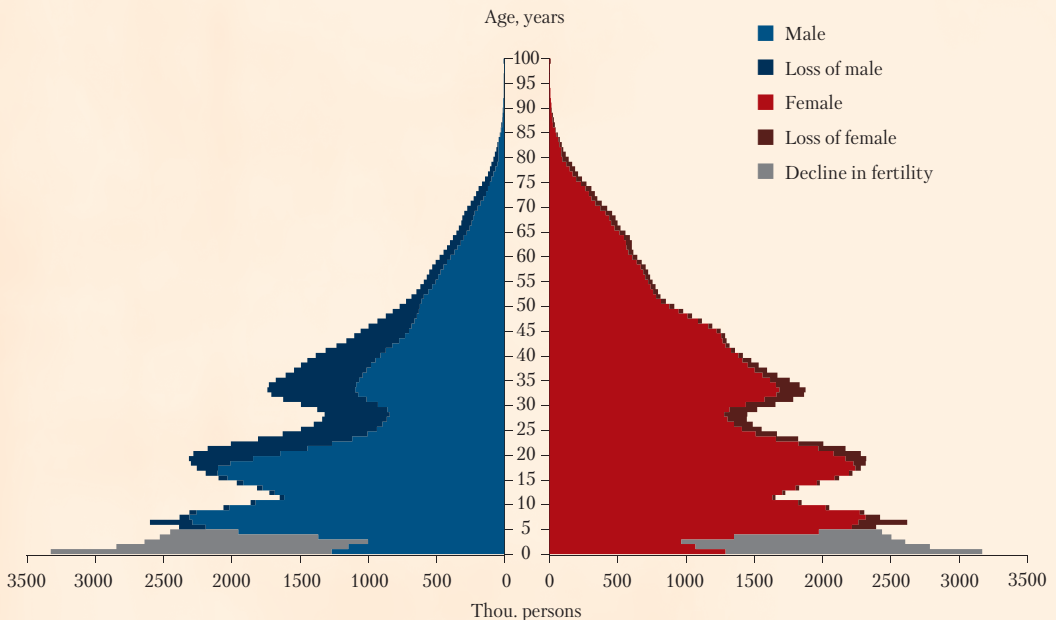
\* Calculations of E.M. Andreyev, L.E. Darsky, T.L. Kharkova, «Population of the Soviet Union: 1922-1991»<sup>37</sup>.

### Hypothetical population age and sex composition for USSR: beginning of 1946<sup>43, \*</sup>



\* Upon condition that population reproduction rates were retained at 1940 level. Calculations of Rosstat.

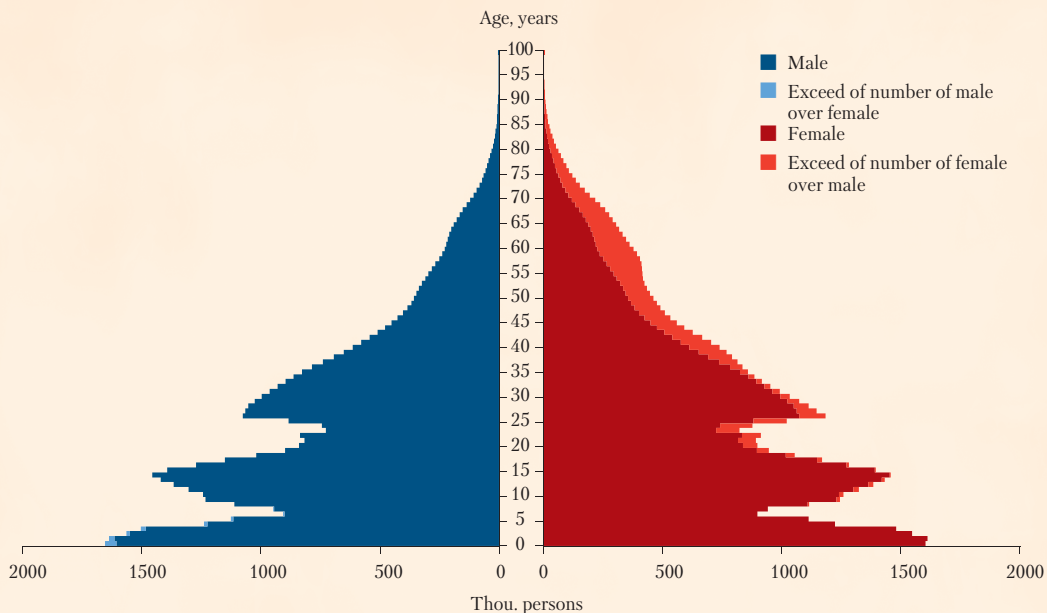
### Comparison of actual\* and hypothetical\*\* population age and sex composition for USSR: beginning of 1946<sup>43</sup>



\* Calculations of E.M. Andreyev, L.E. Darsky, T.L. Kharkova, «Population of the Soviet Union: 1922-1991»<sup>37</sup>.

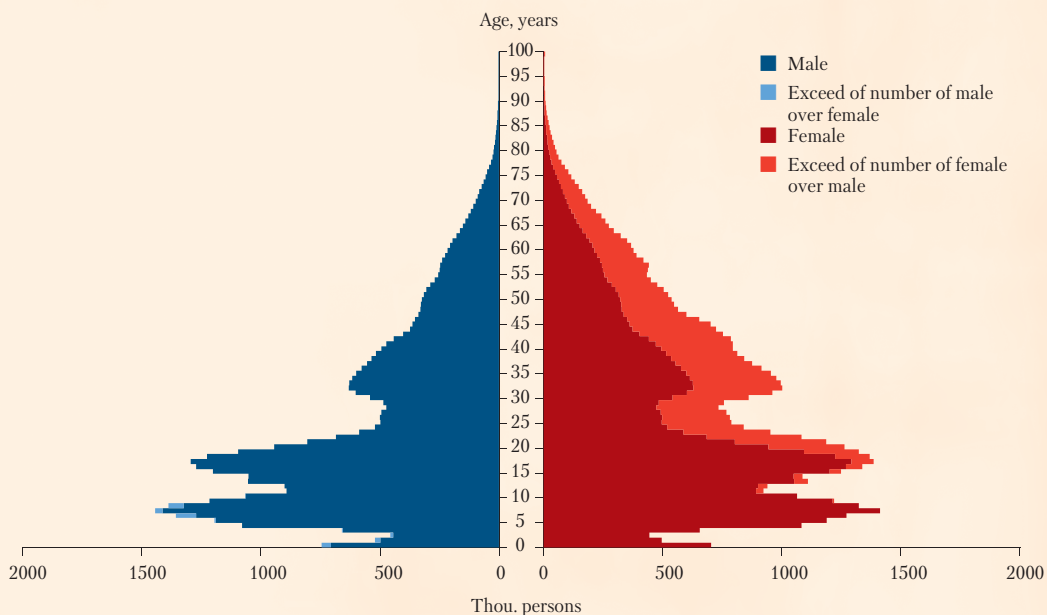
\*\* Upon condition that population reproduction rates were retained at 1940 level. Calculations of Rosstat.

### Population age and sex composition for RSFSR: beginning of 1941\*



\* Calculations of E.M. Andreyev, L.E. Darsky, T.L. Kharkova, «Demographic history of Russia: 1927-1959»<sup>35</sup>.

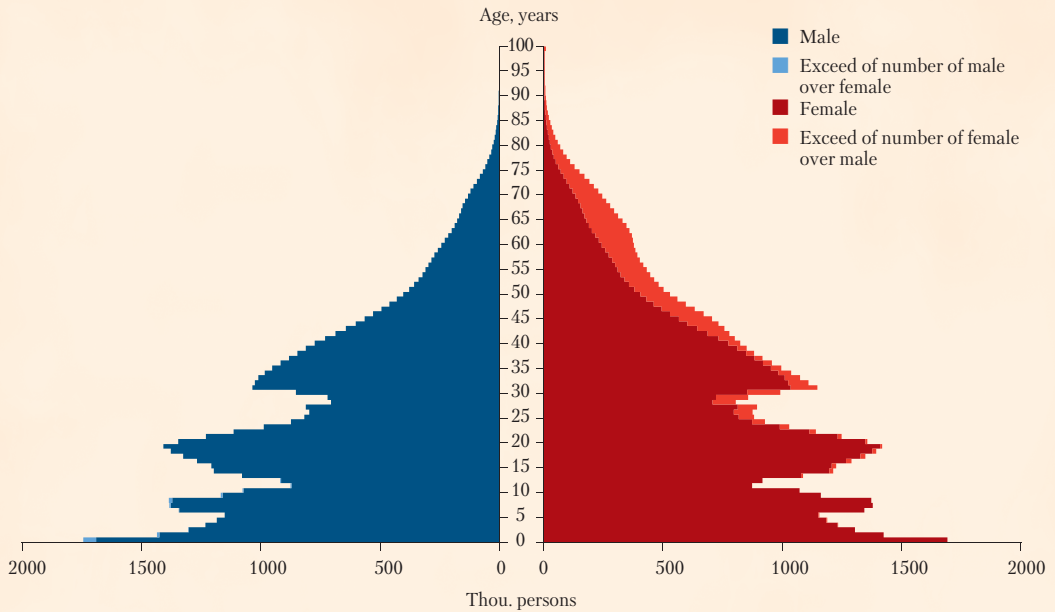
### Population age and sex composition for RSFSR: beginning of 1946\*



\* Calculations of E.M. Andreyev, L.E. Darsky, T.L. Kharkova, «Demographic history of Russia: 1927-1959»<sup>35</sup>.

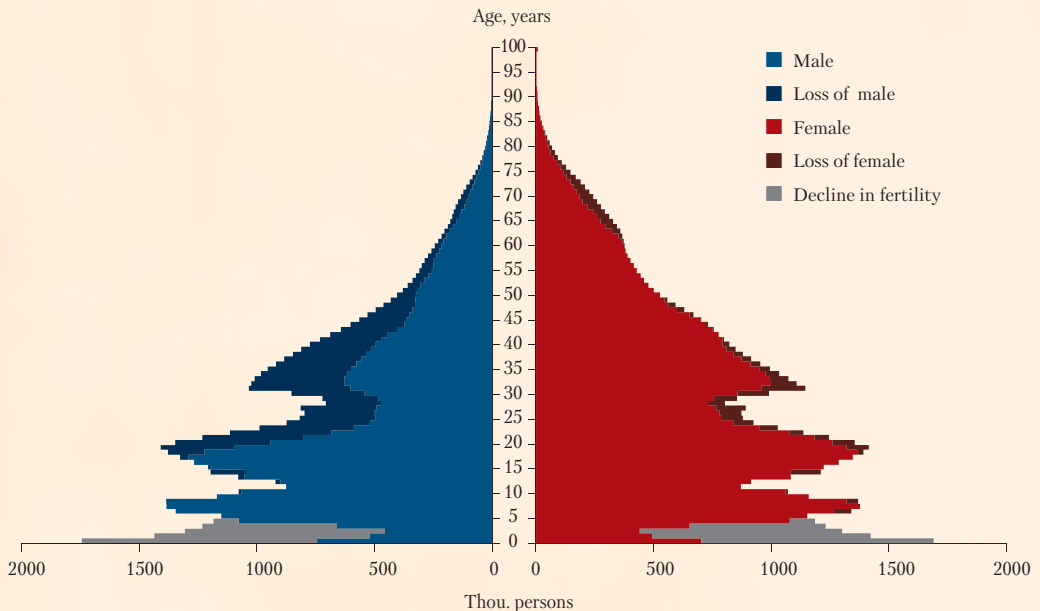


**Hypothetical population age and sex structure for RSFSR: beginning of 1946<sup>43, \*</sup>**



\* Upon condition that population reproduction rates were retained at 1940 level. Calculations of Rosstat.

**Comparison of actual\* and hypothetical\*\* population age and sex structure for RSFSR: beginning of 1946<sup>43</sup>**



\* Calculations of E.M. Andreyev, L.E. Darsky, T.L. Kharkova, «The Demographic history of Russia: 1927-1959»<sup>35</sup>.

\*\* Upon condition that population reproduction rates were retained at 1940 level. Calculations of Rosstat.

### Population of USSR lived before the Great Patriotic War on temporary occupied territories<sup>1</sup>

	Population size at beginning of 1939 (estimates) *		Territory	
	thou. persons	percent of total population	thou. sq. km	percent of total territory of USSR
USSR within borders at beginning of war	190678	100	22124	100
Occupied during the war	84852	44.5	1926	8.7
Temporarily occupied since June 22, 1941 to December 1941	74531	39.1	1543	7.0
Liberated since December 7, 1941 to February 1942	-4880	-2.6	-131	-0.6
Remained in temporary occupation until March 1942	69651	36.5	1412	6.4
Temporarily occupied since July 1942 to November 1942	10321	5.4	383	1.7
Temporarily occupied until November 1942	79972	41.9	1795	8.1
Liberated since November 19, 1942 to March 1943	-15484	-8.1	-494	-2.2
Remained in temporary occupation until March 1943	64488	33.8	1301	5.9
Liberated since July 12, 1943 to October 1, 1943	-18785	-9.8	-284	-1.3
Remained in temporary occupation until October 1, 1943	45703	24.0	1017	4.6
Liberated since October 1, 1943 to January 1, 1944	-6774	-3.6	-111	-0.5
Remained in temporary occupation until January 1, 1944	38929	20.4	906	4.1
Liberated since January 1, 1944 to June 22, 1944	-18950	-9.9	-329	-1.5
Remained in temporary occupation until June, 22 1944	19979	10.5	577	2.6
Liberated since June 22, 1944 to August 2, 1944	-14845	-7.8	-350	-1.6
Remained in temporary occupation until August 2, 1944	5134	2.7	227	1.0
Liberated after August, 1944	-5134	-2.7	-227	-1.0

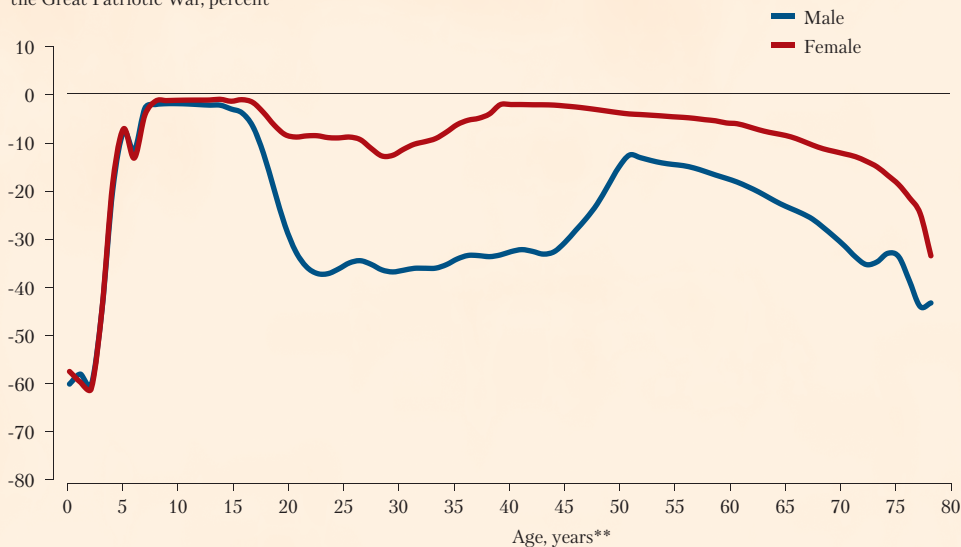
\* Estimates for the territory which includes western regions of Ukrainian SSR and Belarus SSR, and territories of Moldavian SSR, Lithuanian SSR, Latvian SSR and Estonian SSR.





### Population losses of USSR by age groups as a result of the Great Patriotic War<sup>43, \*</sup>

Change of population size as a result of the Great Patriotic War, percent

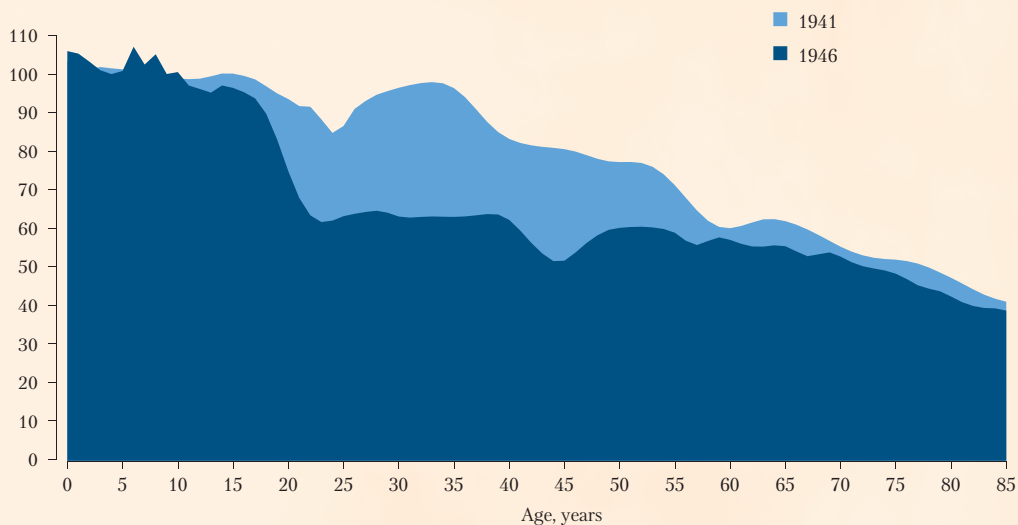


\*Ratio of excess deaths and unborn children as a result of war to the hypothetical population computed by age shifting from the beginning of 1941, provided population reproduction rates were confirmed at the level of 1940. Calculations of Rosstat.

\*\* At beginning of 1946.

### Changes in sex structure for RSFSR: 1941-1946<sup>43, \*</sup>

Number of males per 100 females



\* Calculations of E.M. Andreyev, L.E. Darsky, T.L. Kharkova «Demographic history of Russia: 1927-1959»<sup>35</sup>.

Number of males per 100 females: 1950 <sup>50,\*</sup>

	Total	including, in age, years														
		0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70 and over
<b>Republics of USSR</b>																
USSR	79	102	99	101	98	90	68	66	63	66	60	62	66	62	58	49
including:																
RSFSR	77	104	101	102	96	90	66	64	62	61	53	52	55	52	50	45
Ukrainian SSR	75	98	94	96	97	85	66	65	62	67	63	67	69	61	55	43
Belarus SSR	79	103	98	94	95	85	70	67	63	73	71	76	78	68	65	51
Uzbek SSR	94	90	106	105	103	104	77	69	67	80	91	101	113	113	104	95
Azerbaijan SSR	89	98	91	95	106	106	80	70	69	74	70	89	100	88	80	77
Armenian SSR	90	95	90	96	103	102	83	71	71	80	78	97	114	94	88	70
Georgian SSR	86	97	86	93	101	101	81	71	68	79	81	86	101	91	77	64
Tajik SSR	94	88	108	103	98	104	80	72	72	82	90	98	114	102	103	99
Latvian SSR	76	108	102	100	97	82	65	73	71	75	70	55	58	58	57	50
Estonian SSR	74	114	105	101	97	87	69	74	69	66	64	55	51	51	48	41
Turkmen SSR	96	106	108	107	106	102	78	75	72	84	90	97	114	106	102	84
Lithuanian SSR	82	101	99	94	92	82	75	75	67	96	80	73	86	64	63	55
Kyrgyz SSR	91	91	104	103	104	99	80	76	72	74	70	93	112	109	97	78
Kazakh SSR	94	106	101	108	114	97	75	78	72	79	70	89	109	105	98	81
Moldavian SSR	88	103	104	103	95	90	85	89	85	90	82	78	79	70	65	51
<b>Selected countries</b>																
Germany	86	105	104	104	104	95	71	71	73	79	89	80	71	75	79	79
Austria	87	105	103	103	105	94	75	76	80	84	89	83	76	75	75	72
Romania	94	104	103	97	103	101	91	83	88	98	99	89	78	76	76	68
Japan	96	104	103	102	101	98	83	83	89	96	102	103	100	93	81	66
Poland	91	103	102	102	100	96	90	85	85	90	87	81	77	72	70	63
Finland	91	104	105	103	103	102	91	86	89	90	88	82	79	72	66	56
Hungary	93	104	103	102	101	97	92	89	90	92	94	87	80	78	78	78
Italy	95	105	104	103	101	99	93	92	94	95	94	85	81	81	84	84
Czechoslovakia	94	104	103	101	101	101	96	96	96	97	95	86	82	78	78	74
Great Britain	93	105	104	103	94	95	98	97	97	98	95	87	82	79	76	68
USA	100	105	105	104	102	99	99	99	99	100	104	99	98	98	91	85
France	93	104	103	101	103	104	101	100	99	100	99	88	72	72	69	64

\* Calculations performed by Rosstat are based on UN Data. Data in each group are located by ascending indicator of 30-34 age group.

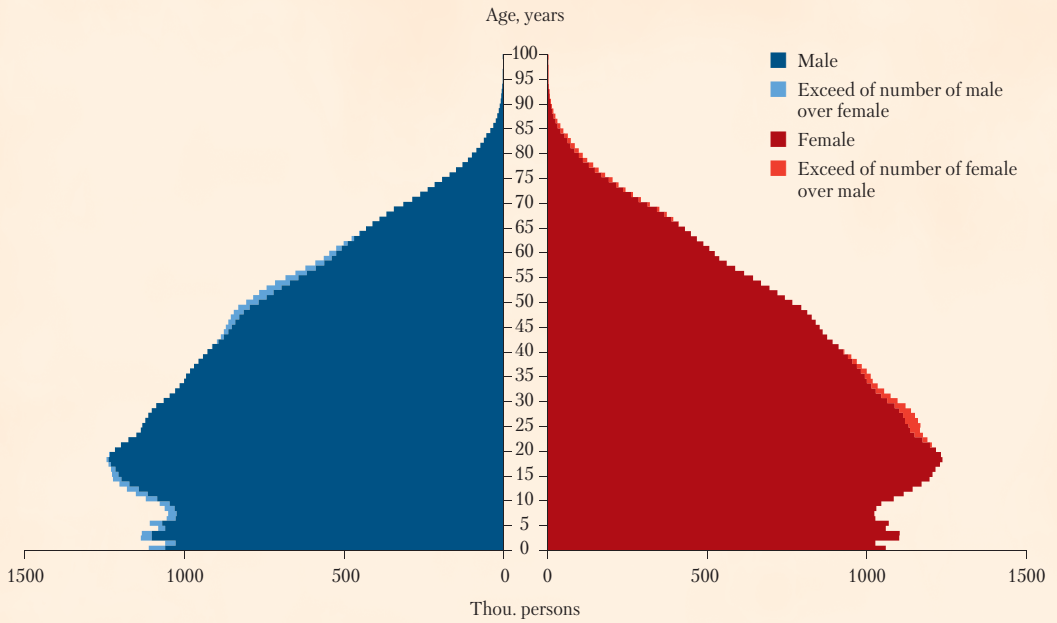
**Number of children per 100 females aged 30 years older than children: 1950 <sup>50</sup>**

	Children by years of births, thou. persons			Children of corresponding years of birth per 100 females aged 30 years older than children *			Change in share of children aged 5-9 years to number of women aged 35-39 years in comparison with the share of children aged 10-14 years to the number of women aged 40-44 years, percent **
	1935-1939	1940-1944	1945-1949	1935-1939	1940-1944	1945-1949	
<b>Republics of USSR</b>							
USSR	21858	13196	18043	303	162	298	-47
including :							
RSFSR	12664	6930	11108	304	148	301	-51
Kazakh SSR	990	572	741	458	225	415	-51
Azerbaijan SSR	405	232	300	422	220	411	-48
Armenian SSR	191	109	150	465	248	538	-47
Ukrainian SSR	4302	2870	2988	268	152	245	-43
Georgian SSR	394	266	287	325	187	280	-43
Kyrgyz SSR	204	132	167	357	211	356	-41
Moldavian SSR	250	205	203	330	208	291	-37
Belarus SSR	815	570	659	272	175	295	-36
Turkmen SSR	146	110	142	367	237	399	-35
Tajik SSR	197	149	172	403	280	393	-31
Uzbek SSR	772	567	662	336	245	386	-27
Estonian SSR	102	87	92	231	196	287	-15
Latvian SSR	181	163	150	234	210	270	-11
Lithuanian SSR	247	233	222	261	253	324	-3
<b>Selected countries</b>							
Romania	1641	1303	1645	286	202	369	-30
Germany	6568	5095	4707	204	168	232	-18
Italy	4170	3839	4369	253	213	322	-16
Poland	2323	2022	2950	246	212	403	-14
Japan	8634	9448	10998	382	357	394	-7
Hungary	734	769	825	201	201	314	0
France	2822	2715	3961	183	187	401	2
Finland	331	361	501	219	235	352	7
Great Britain	3355	3640	4371	171	184	246	8
USA	11574	13785	17237	216	237	283	10
Czechoslovakia	848	1023	1249	172	204	410	18
Austria	479	583	512	162	204	264	25

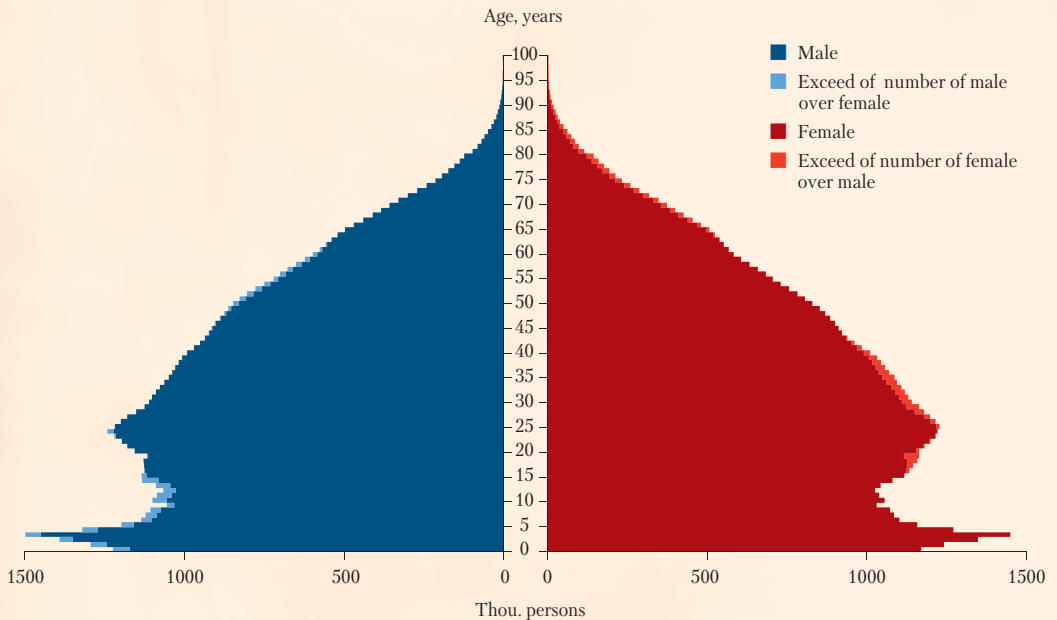
\* Calculations performed by Rosstat are based on UN Data. The indicator is calculated by comparison of number of children aged 0-4, 5-9 and 10-14 years with the number of women aged 30-34, 35-39 and 40-44 years respectively.

\*\* Data in each group are arranged by ascending indicator. The indicator clearly reflects changes in birth rates between 1935-1939 and 1940-1944 years.

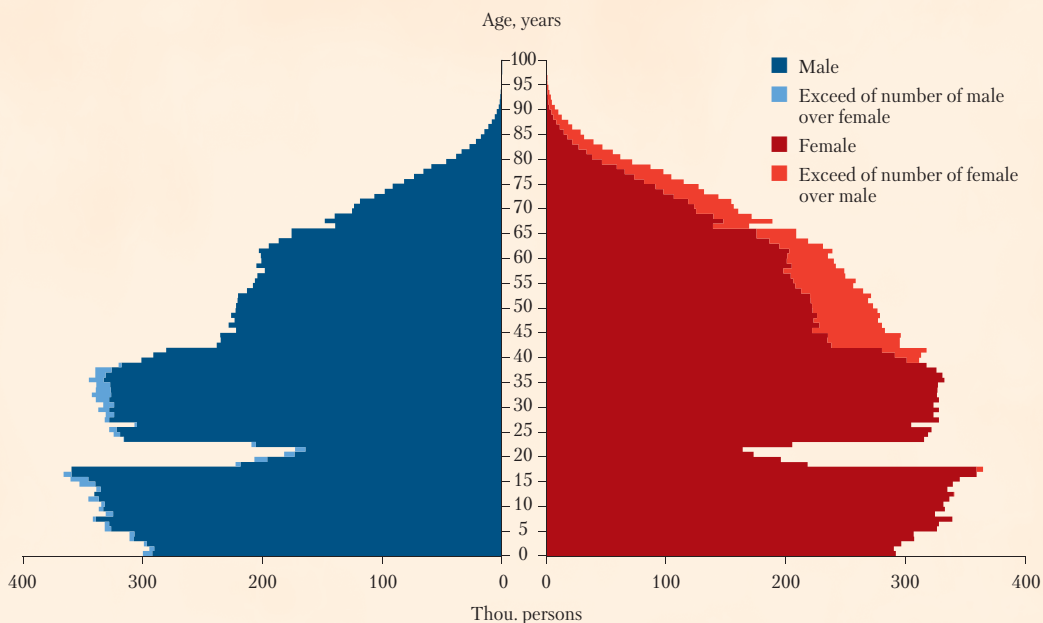
### Population age and sex in USA: middle of 1941 <sup>48</sup>



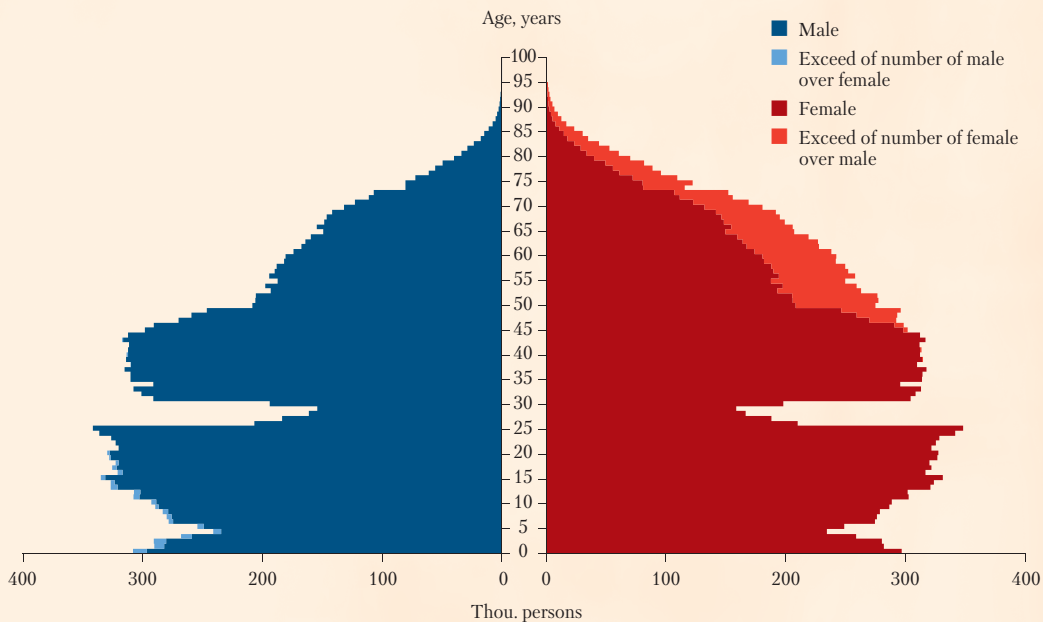
### Population age and sex in USA: middle of 1946 <sup>48</sup>



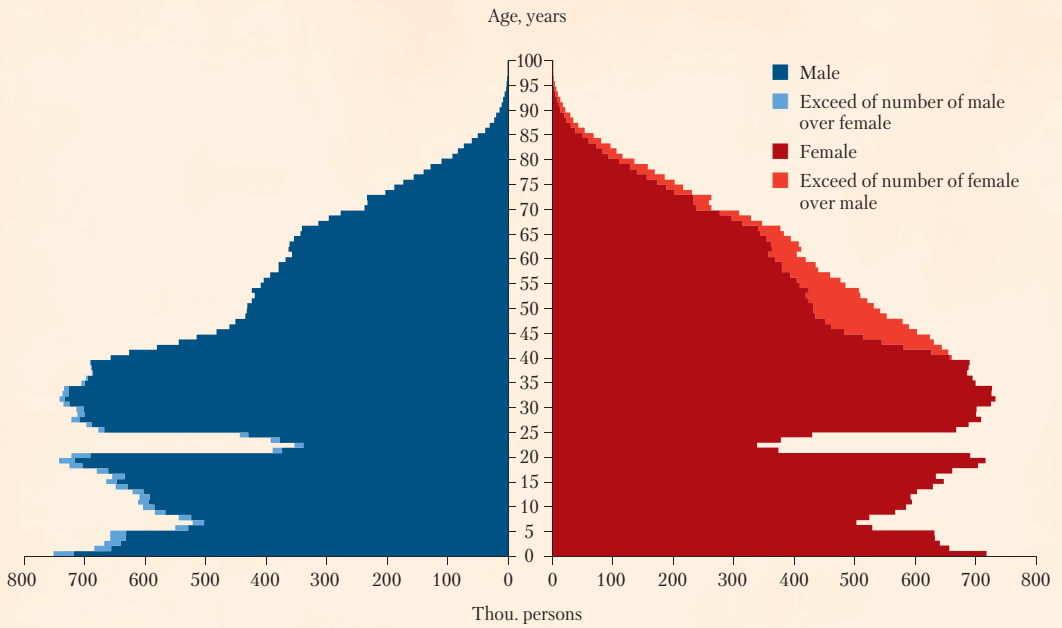
### Population age and sex in France: middle of 1938 <sup>46</sup>



### Population age and sex in France: middle of 1946 <sup>46</sup>

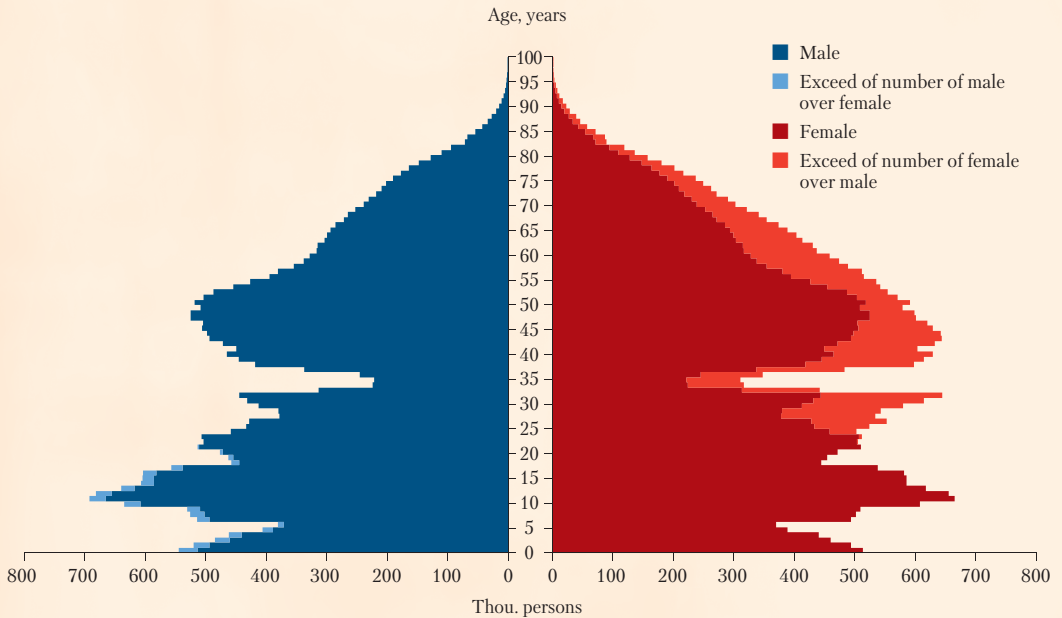


### Population age and sex in Germany: 1939 Census\*



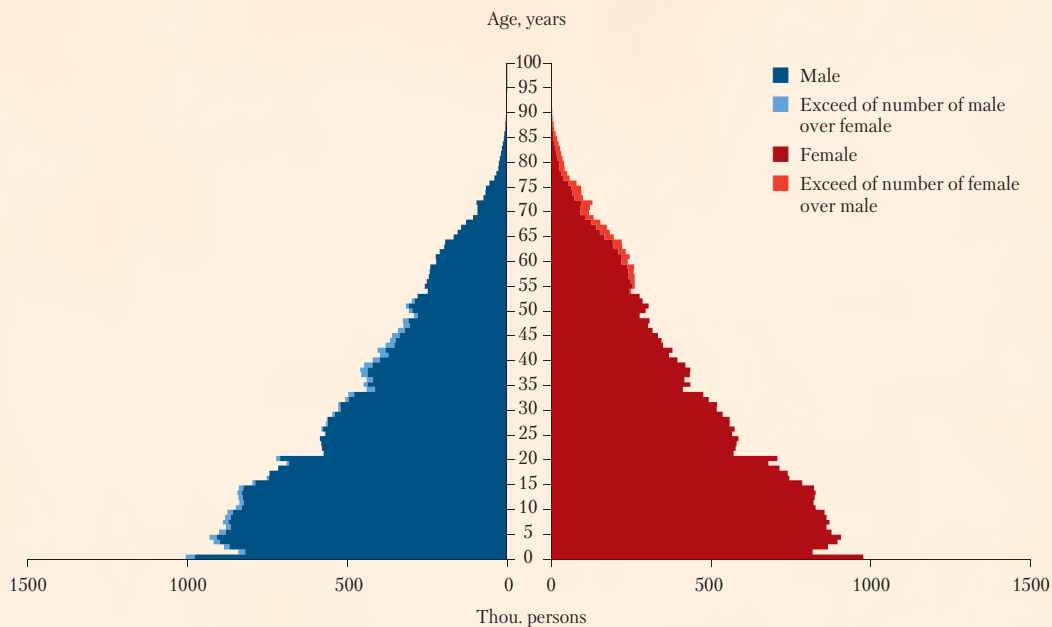
\* In borders as of the date of Census (on May 17, 1939), including the territory of Austria, excepting Sudetsk area.

### Population age and sex in Germany: 1950 Censuses\*

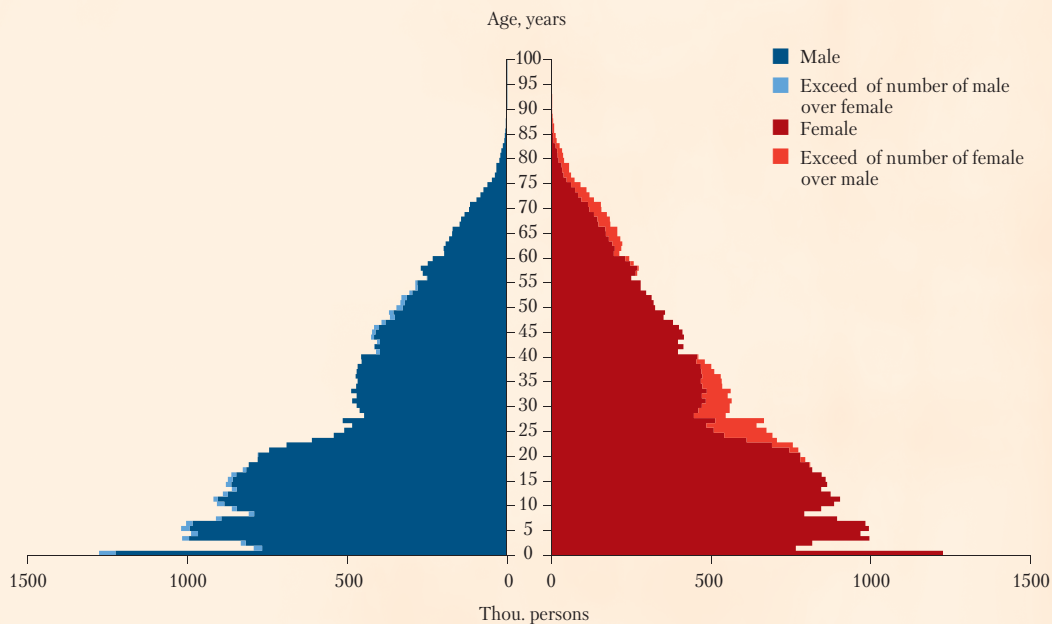


\* Censuses were carried out in German Democratic Republic and Federal Republic of Germany for different dates: GDR - as of August 31, 1950, FRG - as of September 13, 1950.

### Population age and sex in Japan: October 1, 1940 <sup>49</sup>



### Population age and sex in Japan: October 1, 1947 <sup>49</sup>



**Total fertility rates in different countries: 1939-1950\***

	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
USSR	4.9	4.5	3.9	2.5	1.7	1.8	1.9	3.2	3.3	2.8	3.3	3.1
RSFSR	4.9	4.3	3.7	2.1	1.3	1.4	1.7	2.8	2.9	2.6	3.2	2.9
Austria	...	...	...	...	...	...	1.9	2.0	2.4	2.3	2.2	2.1
Great Britain**	1.8	1.8	1.7	1.9	2.0	2.2	2.0	2.5	2.7	2.4	2.3	2.2
Hungary	2.5	2.5	...	2.5	2.4	2.6	2.4	2.4	2.6	2.6	2.5	2.6
Germany	...	...	...	...	...	...	...	1.7	1.9	2.0	2.1	2.2
Italy	3.1	3.1	2.7	2.7	2.6	2.4	2.4	3.0	2.9	2.8	2.6	2.5
Poland	...	...	...	...	...	...	...	...	...	...	...	3.7
Romania	...	...	...	...	...	...	...	...	...	...	...	3.1
USA	2.1	2.1	2.2	2.5	2.6	2.4	2.4	2.8	3.2	3.0	3.0	3.0
Finland	2.6	2.2	2.9	2.0	2.5	2.6	3.1	3.4	3.5	3.5	3.3	3.2
France	2.2	2.0	1.8	2.0	2.2	2.2	2.3	3.0	3.0	3.0	3.0	3.0
Czechoslovakia	2.3	2.6	2.6	2.5	2.8	2.8	2.8	3.2	3.1	3.0	2.9	3.0
Japan	3.8	4.1	4.4	4.2	4.1	4.0	3.1	3.4	4.6	4.4	4.4	3.7

\* Data of Human Fertility Database<sup>47</sup>, official statistical web-sites of corresponding countries and estimations of experts. Estimations for the USSR and the RSFSR for 1941-1945 were compiled by Rosstat<sup>43</sup>. Estimations for other years were introduced by E.M. Andreyev, L.E. Darsky, T.L. Kharkova «Population of the USSR: 1922-1991»<sup>37</sup> and «Demographic history of Russia: 1927-1959»<sup>35</sup>.

\*\* Except Scotland and Northern Ireland.



*Newborn babies in children's service of maternity hospital in city of Voronezh. 1950*





ПОБЕДА!  
70 ЛЕТ

# Pre-War Economy





### Output of main industrial products in USSR and major developed countries: 1940 <sup>1</sup>

	USSR	of which RSFSR	USA	Great Britain	France	Germany
Iron ore, mln. tons	29.9	9.7	74.9	18.0	18.2	14.7*
Cast iron, mln. tons	14.9	5.2	42.6	8.3	3.7	14.0
Steel, mln. tons	18.3	9.3	60.8	13.2	4.4	19.1
Coal (in equivalent of hard coal) **, mln. tons	153.7	72.8	463.6	227.9	42.0	251.9
Crude petroleum (incl. NGL), mln. tons	31.1	7.0	182.9	Crude oil extraction is negligible in Great Britain, France and Germany		
Electricity***, bln. kWh	48.3	30.8	179.9	39.9	22.0****	63.0
Main line locomotives, units	928	-	501	282	...	...
Main line freight wagons, thou. units	30.9	20.6	64.1	...	...	...
Main line passenger coaches, units	1051	-	285	...	...	...
Machine-tools for working metal *****, thou. units	58.4	-	112.0	...	...	125.0
Cement, mln. tons	5.7	3.6	22.6	7.3	...	10.9

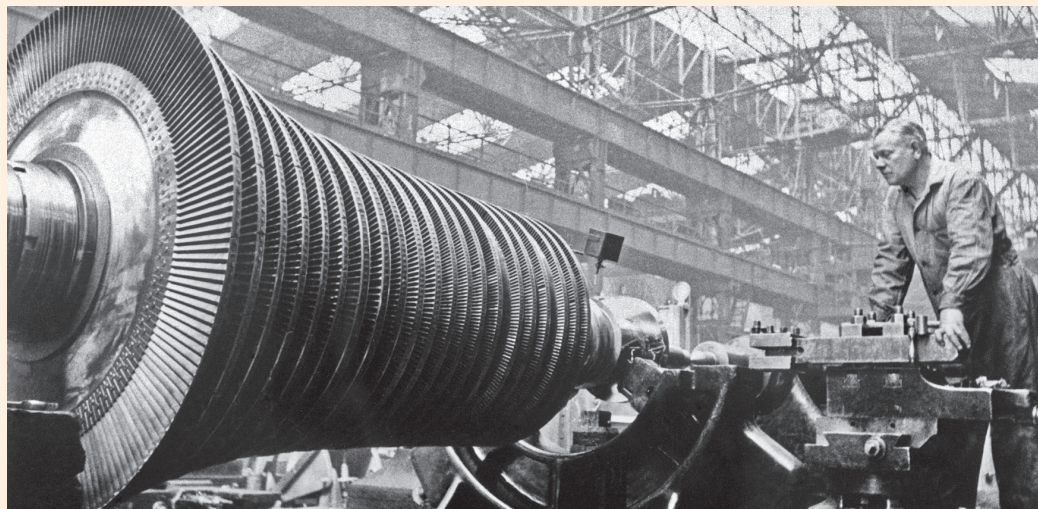
\* Within the borders of 1937.

\*\* For the USSR - total data on ordinary coal in accordance with ash content standard (including waste after coal enrichment). For capitalist countries – data on trading coal, excluding waste after coal enrichment.

\*\*\* Data for the USSR, Great Britain and Germany present gross electricity generation. Data for the USA and France do not include electricity used by power stations for own consumption.

\*\*\*\* Data of 1939.

\*\*\*\*\* Data for Germany are calculated.



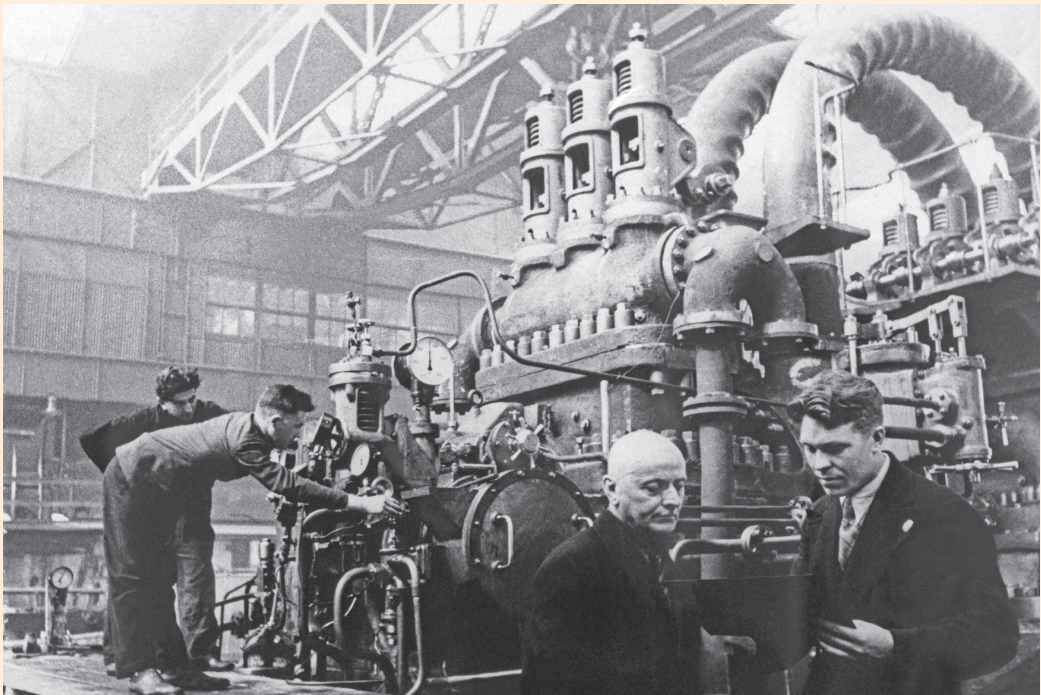
Processing of the rotor of steam turbine at Leningrad metallurgical plant, 1941

**Output of main industrial products in USSR as percent of production in USA, Great Britain, France and Germany: 1940 <sup>1</sup>**

	USSR as percent of			
	USA	Great Britain	France	Germany
Iron ore	40	166	164	203*
Pig iron	35	179	405	107
Crude steel	30	139	415	96
Coal (in terms of hard coal)	33	67	366	61
Crude petroleum (incl. NGL)	17	Crude oil extraction is negligible in Great Britain, France and Germany		
Electricity**	25	121	208	77
Main line locomotives	185	329	...	...
Main line freight wagons	48	...	...	...
Main line passenger coaches	369	...	...	...
Metal cutting machine-tools	52	...	...	47
Cement	25	77	...	52

\* Germany within the borders of 1937.

\*\* Data for the USA and France do not include electricity used by power stations for own consumption. Data for Great Britain and Germany were compiled on the basis of data on gross electricity generation.



Testing turbine at Leningrad engineering plant, 1941

## Labour

**Average annual number of workers and office workers by industries: 1940** <sup>34</sup>  
(thou. persons)

	USSR	RSFSR
Total	33926	22173
Industry	13079	9025
Agriculture	2703	1687
Forestry	280	177
Transport	3525	2269
including:		
railway transport	1767	1101
inland waterway transport	206	157
road, urban electric power and other transport; cargo handling enterprises	1552	1011
Communication	484	306
Constriction	1993	1275
Trade and public catering; logistics and distribution; warehousing and storage	3351	2052
Other activities of material production	166	111
Community and housing service; domestic services	1516	1076
Health care, physical culture and social security	1512	935
Education	2482	1468
Culture	196	124
Arts	173	99
Sciences and related services	362	271
Crediting and public insurance	267	161
General government, co-operative and public administration	1837	1137

## Industry

### Industrial output: 1940<sup>1,22</sup>

	USSR	RSFSR
Electric energy, bln. kWh	48.6	30.8
Coal, mln. tons	166	72.8
Crude oil (including gas condensates), mln. tons	31.1	7.0
Gas (natural), mln. cu.m	3219	210
Iron ore, mln. tons	29.9	9.7
Pig iron, mln. tons	14.9	5.3
Steel, mln. tons	18.3	9.3
Rolled ferrous metal, mln. tons	13.1	6.6
of which finished steel	11.4	5.7
Steel pipes, thou. tons	966	406
Synthetic ammonia, thou. tons	338	232
Sulfuric acid monohydrate, thou. tons	1587	1105
Chlorohydric acid, thou. tons	89.0	65.4
Calcined soda 100%, thou. tons	509	96.7
Caustic soda 100%, thou. tons	175	94.8
Apatite concentrate, thou. tons	950	950
Drying oil natural, thou. tons	36.7	33.1
Artificial and semi-artificial boiled oil (mixed), thou. tons	75.2	48.3
Synthetic dyes, thou. tons	34.3	26.4
Mineral fertilizers, (in equivalent of conditional units), thou. tons	3238	2164
Superphosphate (standard), thou. tons	1352	800
Automobile tyres, thou. pcs.	3007	3007
including «Ghigant» tires	1079	1079
Rubber footwear, mln. pairs	69.7	67.4
Excavators, units	274	257
Cargo main-line cars, thou. units	30.9	20.6
Cargo vehicles, thou. units	136	136
Passenger cars, units	5511	5511
Buses, units	3921	3921
Tractors, thou. units	31.6	21.2
Tractor ploughs, thou. units	38.4	18.7
Tractor cultivators, thou. units	32.3	28.6

Continuation

	USSR	RSFSR
Timber removal, mln. dense cu. m	246	216
Sawn wood, mln. cu. m	34.8	28.8
Plywood, thou. cu. m	732	392
Cellulose, thou. tons	529	444
Paper, thou. tons	812	691
Cardboard, thou. tons	151	113
Cement, mln. tons	5.7	3.6
Building bricks, bln. standard bricks	7.5	4.6
Soft roofing materials, mln. sq. m	127	81.9
Asbestos-cement sheets (slate), mln. conventional units	206	157
Window glass, mln. sq. m	44.7	23.8
Cotton fiber, thou. tons	849	27
Cotton fabrics, mln. r-m	3954	3707
Woolen fabrics, mln. r-m	120	102
Linen fabrics, mln. r-m	286	263
Silk fabrics, mln. r-m	77.3	61.6
Hosiery, mln. pairs	485	279
Footwear, mln. pairs	211	141
Sugar, thou. tons	2165	359
Meat (excluding production of collective farms; including meat edible offal of grade I*), thou. tons	1501	859
Butter*, thou. tons	226	141
Vegetable oil*, thou. tons	798	422
Flour, mln. tons	29	18.7
Groats, mln. tons	1.7	1.0
Bread and bakery products, mln. tons	24.0	16.1
Preserves, mln. convention cans	1113	549
Alcohol, mln. dkl	89.9	51.0
Salt-extraction, mln. tons	4.4	1.8
Soap (in equivalent of 40%), thou. tons	700	523
Tobacco, thou. tons	26.1	14.1

\* Data refer to industrial production and do not include data on production by households.

## Agriculture

### Main indicators of agriculture: 1940 <sup>1, 15</sup>

	USSR	RSFSR
Total sown area (farms of all categories), thou. ha	150414	92065
Production of main crops (farms of all categories), thou. tons:		
Grain (weight after processing)	95496	55637
Sunflower seeds	2636	1430
Sugar beet	18015	3239
Flax	349	239
Potatoes	75874	36424
Vegetables	13713	6391
Livestock (farms of all types; end of year), thou. heads:		
Cattle	54517	27843
including cows	27841	14244
Hogs and pigs	27517	12088
Sheep and goats	91587	51228
Major livestock products (farms of all categories), thou. tons:		
Livestock and poultry for slaughter (slaughter weight)	4695	2373
Milk	33640	17832
Wool	161	98
Eggs, mln. pieces	12214	6577
Tractors and combine harvesters in agriculture (end of year), thou. units:		
Tractors	530.8	342.2
Combine harvesters	181.7	130.1



## Construction

### Capital investments of state organizations and cooperative enterprises: 1940<sup>1, 10, 11</sup>

(Excluding the cost of design and research works;  
in the estimated prices \* as of July 1, 1955; bln. roubles)

	USSR	RSFSR
Capital investments	43.2	29.8
including residential buildings construction	5.7	4.1

\* Hereinafter, the estimated cost - the amount of funds needed for the construction in accordance with the project design. The estimated cost is the basis to determine the amount of capital investments, financing the construction, the contract pricing for construction products, payments for fulfillment of contracting (construction and installation, repair and others) works, expenses on the equipment and its delivery to the construction site and reimbursement of other expenses through funds provided in total estimated cost.

Estimated prices are used in construction contracts to calculate a estimated cost planning of project. They include average regional prices for building materials, products and structures; operating costs of construction machines and mechanisms; tariffs for cargo transportation; wages of construction workers; individual estimated prices; local and imported materials, products and structures. Estimated prices are established for a specified period in the composition of standard-information basis of the pricing system for construction.

### Commissioning of major production capacity through capital construction: 1940<sup>1</sup>

	USSR	RSFSR
Production capacity, thou. tons:		
Coal	14930	10861
Iron ore	1760	260
Production capacity, thou. tons:		
Cast iron	1315	925
Steel	807	807
Ferrous metals sections	220	-
Coke	1635	875
Synthetic rubber	11	...
Cement	155	155
Granulated sugar, thou. centers of beet processed per 24 hours	15	-
Spirit, thou. dkl per 24 hours	2.5	...
Construction completed:		
Blast furnaces	4	...
Open-hearth furnaces	7	...
Rolling mills	2	...
Coke batteries	4	...
Turbine power stations, mln. kW	0.8	...
New public railways, km	3176	...
Electrified railways, km	45	...

**Construction of the primary, seven-year and secondary school buildings:  
1938-1940<sup>10, 11, \*</sup>**

	Number of	
	School buildings	Places in schools, thou.
<b>USSR</b>	5325	1593
<b>RSFSR</b>	3362	1025

\* Data for selected years are missing.

**Commissioning of hospitals and clinics, kindergartens and nurseries<sup>10, 11</sup>**

	Number of		
	Hospitals and clinics, thou. places	Kindergartens, thou. places	Nurseries, thou. places
<b>USSR</b>			
1938–1940	28.7	98.4	138.3
1938	16.4	36.8	61.2
1939	8.9	40.1	56.9
1940	3.4	21.5	20.2
<b>RSFSR*</b>			
1938–1940	18.5	72.7	108.2

\* Data for selected years are missing.

**Construction of residential buildings from  
1938 to the first half of 1941<sup>1, 10, 11, \*</sup>**

(mln. sq.m of total area)

	Total number of residential buildings constructed by public organizations and cooperative enterprises, (excluding collective farms) and by urban population	including residential buildings constructed by	
		public enterprises, establishments and local Councils	urban population at their own expenses and government-funded loans
<b>USSR</b>	42.0	34.4	7.6
<b>RSFSR</b>	30.4	25.2	5.2

\* Data for selected years are missing.

## Transport and Communication

### Turnover of all modes of public transport:

1940<sup>1, 17</sup>

(bln. ton-kilometers)

	USSR	RSFSR
All modes of transport	487.6	328.5
including:		
Railway transport	415.0	287.3
Maritime transport	23.8	...
Inland waterway transport	36.1	34.1
Road transport, total	8.9	5.6
Air transport	0.02	...
Pipeline transport	3.8	1.5

### Main indicators of transport: 1940<sup>1, 17, 20</sup>

	USSR	RSFSR
Railway transport:		
Length of operating lines, thou. km	106.1	58.7
including electrified lines	1.9	...
Freight turnover, bln. km	415.0	287.3
Number of passengers, mln. persons	1343.5	990.0
Passenger turnover, bln. passenger-km	98.0	...
Road transport and transport infrastructure:		
Length of road network, thou. km	1531.2	872.9
including paved roads	143.4	67.8
Freight transported, mln. tons	858.6	533.3
including cargo for public use	15.5	12.0
Turnover, bln. t-km	8.9	5.6
including goods for public use	0.3	0.2
Number of passengers, mln. persons	590	429
Inland Waterway Transport:		
Navigable inland waterway, thou. km	107.3	92.2
Freight transported, mln. tons	73.1	65.1
Freight turnover, bln. km	36.1	34.1
Number of passengers, mln. persons	73.0	63.9
Passenger turnover, bln. passenger-km	3.8	3.3

**Main indicators of communication:  
1940 <sup>1</sup>**

	USSR	RSFSR
The number of postal, telegraph and telephone service offices, thou.	51	32
including:		
Urban location	7	2
Rural location	44	30
Number of post boxes, thou.	216	145
Length of wires of intercity and local telegraph and telephone lines, thou. km	3184	...
including non-ferrous wires	224	...
Capacity of city and district telephone stations, thou. numbers	1437	729
including automated systems	424	250
Number of telephones (Commissariat of Communications of USSR), thou.	1225	745
Mailings, mln.:		
Letters	2580	1566
Newspapers and magazines	6698	4556
Packages	45	28
Telegrams	141	91
Money transfers	99	69
Number of long-distance calls, mln.	92	45
Radio network:		
Number of broadcast radio nodes	11178	...
Total number of radio set outlets, thou. units.	5853	4231
including of Commissariat of Communications of the USSR	4695	...
of which rural location	882	...

## Trade

### Retail turnover of state and cooperative trade, including public catering: 1940<sup>1, 29</sup> (bln. roubles)

	USSR	RSFSR
Total state and cooperative retail trade	175.1	116.7
<b>Retail trade turnover distribution:</b>		
State trade	128.1	88.9
Cooperative trade	47.0	27.8
Share of state trade in total trade turnover, percent	73	76
Urban trade	123.5	85.1
Rural trade	51.6	31.6
Share of rural trade in total trade turnover, percent	29	27
Retail trade	152.2	101.1
Public catering	22.9	15.6
Share of public catering in total catering turnover, percent	13	13

### Turnover of selected trade enterprises in the USSR: 1940<sup>1, 29</sup>

	Percent
Total	100
including:	
Ministry of Trade of the USSR	53.4
Centrosouyz*	24.1
WSDs**	7.7
other enterprises	14.8

\* Centrosouyz is the Central Union of Consumer Cooperatives.

\*\* WSD - Workers' Supply Division is a public retail trade organization (enterprise), operating either as a manufacturing enterprise, or as an organ of economic administration.

**Goods structure of retail turnover, including catering:**  
1940<sup>1, 29</sup>

	Bln. roubles		Percent of total	
	USSR	RSFSR	USSR	RSFSR
Goods, total	175.1	116.7	100	100
Foodstuffs	110.5	76.2	63.1	65.3
including:				
Poultry	5.9	4.3	3.3	3.7
Sausage products	5.0	3.7	2.8	3.2
Fish and herring	3.7	2.2	1.8	1.9
Butter	3.3	2.6	1.9	2.2
Milk, dairy products and cheese	2.1	1.6	1.2	1.4
Canned products, preserves	0.9	0.7	0.5	0.6
Eggs	1.1	0.9	0.6	0.7
Sugar	5.0	3.2	2.8	2.8
Confectionary	6.5	4.3	3.7	3.7
Flour	2.9	1.8	1.7	1.6
Bread and bakery products	30.1	20.4	17.2	17.4
Groats; Legumes and pasta	3.2	2.2	1.8	0.5
Alcoholic beverages	20.6	...	11.8	...
Non-food products	64.5	40.5	36.9	34.7
including:				
Cotton fabrics	7.6	4.5	4.3	3.9
Woolen fabrics and shawls	1.9	1.2	1.1	1.0
Silk fabrics	1.1	0.6	0.6	0.5
Linen fabrics	0.7	0.4	0.4	0.3
Apparel	11.5	7.2	6.6	6.2
Knitware articles and hosiery	3.6	2.4	2.1	2.0
Leather, textile and combined footwear	4.9	2.9	2.8	2.5
Rubber footwear	1.1	0.7	0.6	0.6
Felt footwear	0.4	0.3	0.2	0.3
Laundry soap	1.0	0.6	0.6	0.5
Toilet soap and perfumery	2.8	1.8	1.6	1.6
Tobacco products and shag	5.1	3.2	2.9	2.7
Matches	0.4	0.3	0.2	0.2
Kerosene	1.1	0.7	0.6	0.6

**Centralized market funds of food products  
in USSR: 1940<sup>1, \*</sup>**

	Thou. tons
Flour	15829
Groats (including concentrates)	911
Pasta	237
Edible grains	920
Meat	251
Sausages	271
Preserved meat, mln. of conventional cans	5
Fish	412
Herring	187
Preserved fish, mln. of conventional cans	62
Butter	139
Processed edible fat	9
Vegetable oil	120
Sugar	971
Confectionary	698
Cheese	27
Tea	17
Eggs, mln. pieces	1428
Salt	2157
Vodka and alcoholic beverages, mln. dkl	83
Grape wine, produced at wineries of Ministry of Food Industry of the USSR, mln. dkl	13
Beer, mln. dkl	122

\* Hereinafter centralized market funds are collection of goods offered in domestic markets to the population, establishments, organizations and enterprises for personal or collaborative consumption and economic needs, as well as for further processing, accumulation of reserve stocks, export and other purposes, allocated and distributed by the general government (by State Planning Committee of the USSR, Ministry of Trade of the USSR, etc.).

**Centralized market funds of non-food products in USSR: 1940<sup>1</sup>**  
(prices as of April 1, 1954)

	Mln. roubles
Cotton fabrics	13953
Woolen fabrics	2602
Silk fabrics	1987
Linen fabrics	1334
Shawls	950
Cotton thread	649
Textile apparel	11575
Knitwear apparel	2193
Hosiery	1558
Leather footwear	7070
Rubber footwear	1735
Felt footwear, thou. pairs	6302
Laundry soap, thou. tons	340
Tobacco products	5448
Shag, thou. boxes	3819
Matches, thou. boxes	9576
Toilet soap	875
Cosmetics and perfumes	1220
Kerosene, thou. tons	1430



*Workshop of electrical appliances of Moscow Machine Engineering Plant. 1941*



**Number of retail trade and public catering companies: 1940** <sup>1, 29</sup>  
(end of year; thou.)

	USSR	RSFSR
Retail trade companies	407.2	227.2
Public catering companies	87.6	51.6

**Number of stores and stalls of state and cooperative trade  
in RSFSR: 1940** <sup>1, 29</sup>  
(end of year)

State trade companies thou.			Cooperative trade companies, thou.			Percent of total		
Stores	Stalls	Total	Stores	Stalls	Total	Stores	Stalls	Total
58.2	32.3	90.5	107.9	28.8	136.7	40	60	100

**Number of public catering companies of state and cooperative trade  
in RSFSR: 1940** <sup>1, 29</sup>  
(end of year)

Thou.			Percent of total		
State trade companies	Cooperative trade companies	Total	State trade companies	Cooperative trade companies	Total
40.5	11.1	51.6	78	22	100

**Number of public catering companies of state and cooperative by types  
in RSFSR: 1940** <sup>1, 29</sup>  
(end of year)

Commercial kitchens *	Canteens and restaurants, thou.	Tea houses **, thou.	Snack bars and buffets, thou.
105	26.6	1.6	23.3

\* Hereinafter, commercial kitchens are large-scale catering establishments, intended for production of ready-to-cook foods, culinary and confectionery products to supplying them to final food processing companies (canteens, cafeterias, snack bars).

\*\* Hereinafter, tea houses are public catering enterprises, which cook from a range of semi-finished products and sell for consumption on the spot a wide range of hot tea beverages, pastry dishes and pastry bakery and confectionery products, culinary products, as well as alcoholic beverages and bought-in goods.

## Finance

### State budgets of USSR and RSFSR: 1940 <sup>1</sup>

(bln. roubles)

	USSR	RSFSR*
Income – total	180.2	26.0
from the socialist economy	160.1	...
including:		
turnover tax	105.9	4.8
deductions from profit	21.7	5.5
income tax and non-commodity enterprises and organizations tax	3.2	1.9
national social insurance assets	8.5	1.4
financial borrowings	20.1	...
including:		
inhabitant taxes	9.4	4.6
loans collected by subscription	9.0	3.4**
Expenditures – total	174.3	25.3
including:		
on the national economy	58.4	5.0
on the social and cultural arrangements	40.9	16.6
of which:		
education	22.5	9.5
health and physical service	9.0	5.0
state benefit payments to mothers of large families and unwed mothers	1.2	...***
social security	3.2	2.2
of which out of state social insurance funds	2.0	1.4
state social insurance	5.0	-
national defense	56.8	-
public and administration	6.8	2.7

\* Excluding income and expenditures of Union budget of the USSR attributed to the RSFSR.

\*\* Government loans collected from population.

\*\*\* Grant of a benefits to mothers of large families and unwed mothers until 1960 carried out from the Union budget.

## Prices

### State retail prices for selected food goods in administrated trade in USSR: 1940 <sup>1</sup> (roubles per kg)

	Administrated trade prices	
	beginning of year	end of year
Beef, average fatness grade I	10*	12
Pork of grade I	14*	17
Boiled sausage «Otdelnaya»	13.5*	16
Semi-dry smoked sausage «Krakowskya»	20*	23
Sausages «Russkie»	12.6*	15
Zander frozen large of grade I	3.8	5.5
Herring «Murmansk» salted	4.5	6.4
Butter unsalted of premium grade	17.5	25
Melted butter of premium grade	18.5	26
Sunflower oil, refined	13.5	13.5
Table margarine of grade I	10.5	12
Milk, per liter	2	2.2
Cheese «Sovetsky», extra 50% fat	25	29
Table eggs of grade I, per 10 pieces	6.5	6.5
Crushed, refined sugar	4.1	5.7
Candy, chocolate coated «Vesna»	20**	20
Cookies of premium flour «Rot-Front»	9.9**	9.9
Baikhovi black tea «Gruzinsky» grade I	80	80
Salt of ground № 1	0.12	0.12
Wheat flour of grade I	2.9	2.9
Wheat flour of grade II	2.4	2.4
Wheat flour of premium grade	4.6	4.6
Ground millet of grade I	2.1	2.1
Buckwheat peeled	4.3	4.3
Pasta of grade I flour	3.5	3.5
Rye bread of wholemeal flour	0.85	1
Wheat bread of grade II flour	1.7	1.7
Vodka 50°, per 0.5 liter	11.5	11.5

\* Since January 24, 1940.

\*\* Since January 22, 1940.

### State prices for selected non-food goods in administrated and commercial trade in USSR: 1940 <sup>1</sup>

(roubles per unit)

	Prices in administrated trade		Prices at demonstration commercial supermarkets
	beginning of year	end of year	
Chintz, article 3, m	3	3	5.9
Satin, article 133, m	6.3	6.3	12.5
Drapeau Demi, article 277, m	250	250	500
Boston, article 125, m	170	170	340
Crepe de chine, article 5A, m	58	58	102
Men's coat demi, article 7-30, units	377	377	660
Suit, articles 13-31, units	367	367	640
Socks, article 82, the pair	7	7	9.5
Men's chrome leather boots, article R-3004 CHSH3, the pair	90	140	238
Men's rubbers (galoshes), article 110, the pair	13.8	20	30
Laundry soap ordinary grade I, kg	2.7	2.7	-
Toilet soap «Krasny Mak», a piece of 75 g	1.5	1.5	-
The perfume «Krasnaya Moskva», the bottle № 4199	28.5	28.5	-
Threads «Prima», a coil	0.5	0.5	-
Cigarettes premium № 3 «Kazbek» a 25 pieces pack	3.15	3.15	-
Aluminium saucepan, article K-5, units	14	14	25
Brass nickel-plated 2.5-liter teapot, units	56	56	75
Women's wrist watches of the brand «Zif», units	450	450	700

Since 1933, in major cities of the country there were opened demonstration supermarkets (stores), demonstration grocery stores of the retail chains «Gastronom» and «Bakaleya» and demonstration specialized stores of People's Industrial Commissariats. In these stores the goods could be bought without ration cards, but at higher prices. These stores sold only high-quality goods of a rather wide range and they were called to serve as a model for all other retailers. Especially for these stores the People's Commissariat of Internal Trade approved pricelists.

### Average monthly prices for agricultural products in collective farm markets in USSR: 1940 <sup>1</sup>

(data of sample survey conducted in 43 major cities; roubles per kg)

	April	October
Rye	3.83	2.19
Wheat	3.76	4.08
Flour Rye	5.82	4.65
Flour Plain wheat flour	4.50	6.55
Millet	10.14	8.30
Potatoes	2.43	1.51
Cabbage	4.66	2.22
Onion	4.61	2.83
Red beet	2.66	2.26
Carrot	3.78	2.46
Cucumber	6.16	2.57
Vegetable oil, per liter	25.54	30.36
Beef	21.62	19.41
Pork	26.01	26.34
Milk, per liter	3.80	3.65
Butter	49.43	51.22
Eggs, per 10 pieces	11.77	12.72



*Harvesting of rye in Bashkiria, 1940*

**Prices for agricultural products in collective farm markets in Moscow:  
1940<sup>1</sup>**  
(roubles per kg)

	as of April 25	as of October 25
Millet	10.10	-
Potatoes	3.00	0.95
Cabbage	13.70	3.50
Onion	6.60	3.10
Red beet	4.20	1.85
Carrot	6.90	1.90
Pickled cucumbers	6.70	2.40
Beef	24.20	16.60
Pork	24.20	20.55
Milk, per liter	3.40	2.90
Butter	39.00	31.70
Eggs, per 10 pieces	11.40	10.15



*Forewoman of dairy farm takes milk from dairymaid at pasture. Moscow region, 1940*



# Economy in War time







**Some indicators of changes of USSR economy in conditions of War <sup>1, \*</sup>**

	1940	1942	1943	1944	1945
National income** as percent of 1940	100	66	74	88	83
Distribution of national income, as percent of total	100	100	100	100	100
including:					
consumption – total	74	69	60	61	69
of which personal consumption of military servants	4	13	11	11	7
savings – total	19	4	7	15	13
of which growth of fixed assets	10	6	4	7	9
military expenses (excluding personal consumption of military servants)	7	27	33	24	18
Fixed capital stock (excluding animals) of all branches of economy at end of year (at 1945 prices), as percent of 1940	100	68	76	84	88
Industrial goods, as percent of 1940	100	77	90	104	92
including:					
military goods	100	...	...	312	215
civil goods	100	...	...	61	66
Industrial goods by military and civil products, as percent of total	100	100	100	100	100
of which:					
military products	17	...	...	51	40
civil products	83	...	...	49	60
Supply of rolled iron, mln. tons	12.4	5.6	6.0	7.8	8.6
including to people's commissariats of defense industry	1.6	2.7	2.8	3.6	1.7
as percent of total supply	13	49	46	46	20
as percent of 1940	100	172	176	226	109
Supply of fine rolled iron (out of total supply of rolled iron) - total, mln. tons	3.2	3.4	3.7	4.7	4.2
including to people's commissariats of defense industry	1.1	2.3	2.4	3.1	1.5
as percent of total supply	35	68	64	65	36
as percent of 1940	100	210	217	281	134

Continuation

	1940	1942	1943	1944	1945
Supply of motor gasoline – total, mln. tons	3.1	1.9	1.8	2.4	2.7
including to people's commissariats of defense industry	0.7	1.3	1.3	1.8	1.5
as percent of total supply	22	68	70	74	55
as percent of 1940	100	190	191	268	222
Supply of aircraft motor gasoline, thou. tons	...	927	1024	1317	947
including to people's commissariats of defense industry	...	840	1000	1289	910
as percent of total supply	...	91	98	98	96
as percent of 1941	...	101	121	156	110
Supply of diesel fuel – total, thou. tons	316	414	442	432	642
including to people's commissariats of defense industry	31	257	315	257	271
as percent of total supply	10	62	71	59	42
as percent of 1940	100	8.2***	10***	8.2***	8.7***

\* Data for 1941 are not available.

\*\* National income was considered as value added calculated by deduction of production costs including depreciation from gross production output. National income is calculated in frameworks of production industry (net material product analogue).

\*\*\* In times.

Supply of rolled iron to people's commissariats of defense industry does not cover all supplies for military production. In 1942 70 percent of all rolled iron was supplied to military production, excluding consumption by related enterprises.

People's commissariats of defense industry (regarding supply of rolled iron) include commissariats of aviation industry, ammunition, weapons, tank industry, mortar weapons; regarding supply of gasoline and diesel fuel, in addition to commissariats, listed above, the Commissariats of Defense and Navy, and the People's Commissariat of Intermediate Machine Building were included; for aviation fuel supply - only the Commissariats of Defense and Navy.

## Industry

### Gross industrial production <sup>45</sup> (percent)

	USSR		RSFSR	
	of previous year	of 1940	of previous year	of 1940
1941	98	98	104	104
1942	79	77	91	94
1943	117	90	118	110
1944	115	104	113	125
1945	88	92	84	106

### Gross industrial production by industries: 1945 <sup>45</sup> (percent of 1940)

	USSR	RSFSR
Industry	92	106
including:		
electricity	91	112
fuel	74	98
iron and steel	94	157
non-ferrous	111	119
chemical and petrochemical	92	107
machinery and metal working	129	149
forestry, wood-working and paper-pulp	55	58
construction materials	46	44
glass and porcelain	70	87
food	50	59
light	62	66

**Production of selected goods <sup>1</sup>**

	USSR					RSFSR				
	1941	1942	1943	1944	1945	1941	1942	1943	1944	1945
Electric energy, bln. kWh	46.7	29.1	32.3	39.2	43.3	31.8	24.5	27.5	32.6	34.4
Coal, mln. tons	151	75.5	93.1	121	149	79.4	63.1	77.9	90.9	105
Crude oil (including gas condensates), mln. tons	33.0	22.0	18.0	18.3	19.4	7.5	4.5	3.4	4.4	5.7
Gas (natural), mln. cu. m	3555	2071	1847	2422	3278	403	473	731	1230	1495
Iron ore, mln. tons	24.7	9.8	9.3	11.7	15.9	11.6	9.8	9.3	10.7	12.0
Pig iron, mln. tons	13.8	4.8	5.6	7.3	8.8	6.1	4.8	5.6	6.7	7.2
Steel, mln. tons	17.9	8.1	8.5	10.9	12.3	10.5	8.0	8.4	10.0	10.8
Rolled ferrous metal, mln. tons	12.6	5.4	5.7	7.3	8.5	7.2	5.4	5.7	6.8	7.5
of which finished steel	10.9	4.8	5.0	6.4	7.4	...	...	...	...	6.5
Steel pipes, thou. tons	780	281	370	482	571	370	280	370	452	474
Synthetic ammonia, thou. tons	338	167	245	290	275	232	139	211	247	223
Sulphuric acid in monohydrate, thou. tons	1465	646	766	893	781	1078	614	730	828	669
Chlorohydric acid, thou. tons	85.3	49.9	45.1	52.8	47.3	64.8	48.1	44.3	46.5	41.7
Calcined soda 100%, thou. tons	440	59.3	99.9	150	224	103	58.9	99.3	99.6	99.9
Caustic soda 100%, thou. tons	183	77.5	97.2	112	118	109	73.2	93.6	108	105
Drying oils natural, thou. tons	26.0	3.9	6.0	12.8	7.9	23.5	3.7	5.7	12.2	6.2
Artificial and semi-artificial boiled oil (mixed), thou. tons	41.9	4.1	5.1	7.5	16.6	26.6	3.6	4.6	6.7	15.5
Synthetic dyes, thou. tons	31.3	6.5	9.9	13.1	15.3	24.4	6.5	9.9	12.7	13.6
Mineral fertilizers, (in equivalent of conditional units), thou. tons	2626	364	539	776	1121	...	...	...	...	836
Superphosphate (standard), thou. tons	963	21.1	34.2	111	235	594	14.8	30.7	109	120
Automobile tyres, thou. units	3390	1417	949	1243	1370	3390	1417	949	1235	1362
including «Gigant» tyres	1295	460	274	352	504	1295	460	274	350	502
Rubber footwear, mln. pairs	44.2	0.7	2.5	8.0	15.1	...	...	...	...	14.5
Excavators, units	235	10	7	7	10	230	10	7	6	9
Cargo main-line cars, units	33096	147	108	13	819	24221	144	108	2	365
Cargo vehicles, thou. units	115	30.9	45.5	53.5	68.5	115	30.9	45.5	53.5	68.5
Passenger cars, units	5472	2567	2546	5382	4995	5472	2567	2546	5382	4995
Buses, units	4027	1462	1175	1700	1114	4027	1462	1175	1700	1114
Tractors, thou. units	23.8	3.5	1.1	3.2	7.7	17.4	3.5	1.1	3.2	7.2
Tractor ploughs, thou. units	18.5	1.3	3.1	3.4	8.5	7.5	1.3	3.1	3.3	8.3

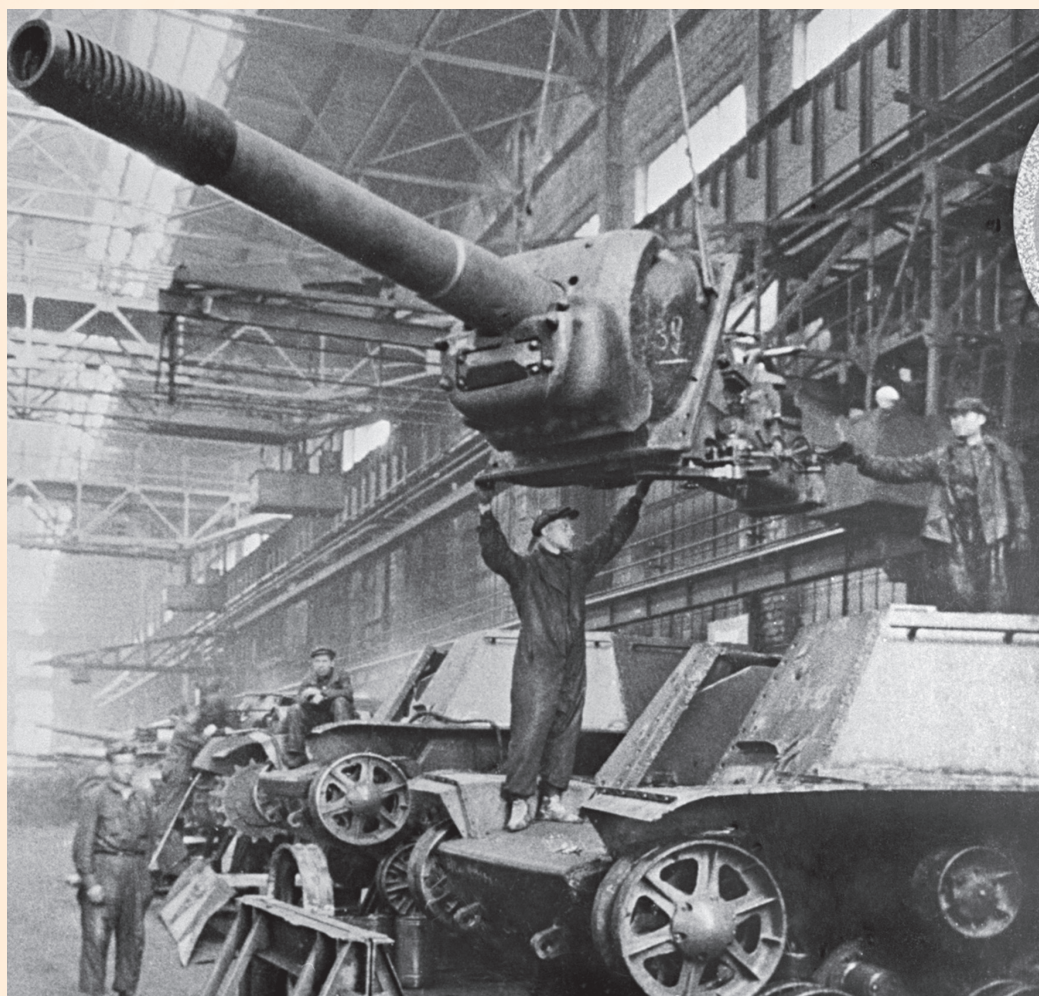
Continuation

	USSR					RSFSR				
	1941	1942	1943	1944	1945	1941	1942	1943	1944	1945
Tractor cultivators, thou. units	11.6	2.3	1.0	0.1	0.9	11.0	2.3	1.0	0.1	0.3
Sawn wood, mln. cu. m	29.7	15.1	13.1	13.2	14.7	...	...	...	...	11.5
Paper pulp, thou. tons	...	...	...	...	276	505	143	219	238	264
Paper, thou. tons	730	166	205	193	321	635	161	201	187	297
Cardboard, thou. tons	...	...	...	...	55.9	107	24.1	34.7	38	48.9
Cement, mln. tons	5.5	1.1	1.0	1.5	1.8	3.6	0.8	0.7	1.0	1.1
Building bricks, bln. standard bricks	5.6	1.6	1.3	1.6	2.0	...	...	...	...	1.4
Soft roofing materials, mln. sq. m	109	19.9	21.9	33.3	71.2	...	...	...	...	54.4
Asbestos-cement sheets (slate), mln. convention tiles	145	16.8	38.3	67.0	83.6	...	...	...	...	62.6
Window glass, mln. sq. m	38.5	6.3	7.2	13.5	23.3	21.5	5.1	6.0	8.8	12.1
Lint cotton, thou. tons	770	437	406	306	312	13.8	1.9	0.7	0.8	0.5
Cotton fabrics, mln. linear m	3824	1644	1635	1779	1617	3511	1422	1465	1615	1464
Woolen fabrics, mln. linear m	93.8	45.0	48.9	52.4	53.6	81.0	41.9	45.9	49.3	49.2
Linen fabrics, mln. linear m	246	74.2	84.4	91.1	107	228	74.2	84.4	90.9	105
Silk fabrics, mln. linear m	66.1	30.1	36.0	38.4	36.4	49.0	16.5	23.5	25.4	24.3
Hosiery, mln. pairs	405	89.6	87.8	90.5	91.0	227	55.3	60.3	72.8	69.8
Footwear, mln. pairs	158	52.7	55.8	67.4	63.1	111	41.8	44.4	53.5	48.8
Sugar, thou. tons	523	114	117	245	465	110	32.2	45.9	49.2	62.8
Meat (excluding kolkhoz production, including by-products of first category)*, thou. tons	1172	723	614	543	663	743	529	451	362	421
Butter*, thou. tons	205	111	101	106	117	134	92.0	82.3	77.3	82.6
Vegetable oil*, thou. tons	685	253	215	238	292	371	129	91.3	109	139
Flour, mln. tons	24	16	13	13	15	...	...	...	...	9.1
Groats, thou. tons	1.5	0.9	0.8	0.9	1.1	...	...	...	...	0.7
Preserves, mln. convention cans	926	485	546	557	558	575	290	318	331	305
Alcohol, mln. dkl	66.4	24.0	20.1	17.7	26.5	...	...	...	...	16.7
Salt-extraction, mln. tons	3.3	1.4	2.6	3.2	2.9	...	...	...	...	1.5
Soap (in equivalent of 40%), thou. tons	591	243	195	250	229	...	...	...	...	184
Tobacco, thou. tons	15.9	40.5	33.0	39.6	31.9	...	...	...	...	16.4

\* Data refer to industrial production and do not include data on production by households.

**Production of the most important types of weapons in USSR during the War <sup>1</sup>**  
(thou. pieces)

	1941 (July- December)	1942	1943	1944	1945 (January- August)	Total
Rifles and carbines	1567.1	4049.0	3436.2	2450.0	637.0	12139.3
Sub-machine guns	89.7	1506.4	2023.6	1970.8	583.4	6173.9
Machine guns of all types	106.2	356.1	458.5	439.1	156.0	1515.9
Guns of all types and calibres	30.2	127.1	130.3	122.4	72.2	482.2
Tanks and SP artillery mounts	4.8	24.4	24.1	29.0	20.5	102.8
Combat aircrafts	8.2	21.7	29.9	33.2	19.1	112.1
Mortars	42.3	230.0	69.4	7.1	3.0	351.8
Warships	35	15	14	4	2	70



*Assembly of tanks at Chelyabinsk Tractor Plant. 1943*

### Evacuation of industrial enterprises from several regions of USSR <sup>1</sup>

Region of evacuation	Number of enterprises
Ukraine	550
Belorussia	109
Estonia	62
Moscow and Moscow region	498
Leningrad city	92
Other regions	212

### Change of weight of USSR eastern regions in total production of main industrial goods <sup>1</sup> (percent)

	1940	1942
Iron ore	28.7	96.8
Manganese ore	8.4	84.7
Iron cast	28.5	97.4
Steel	37.0	89.1
Rolled iron	36.5	90.2
Coke	24.5	99.2
Coa	35.9	81.4
Oil, including gas condensate	12.2	18.3
Metal-cutting machine-tools	15.6	56.3
Tractors	50.8	100.0
Electricity	25.5	59.3

Share of eastern regions in production of military goods increased from 18,5% in June 1941 to 76% in June 1942.



*Train with equipment of evacuated plant goes to East. 1941*

## Agriculture

### Main crop sown areas <sup>1</sup> (in establishments of all types)

	USSR					RSFSR				
	1941	1942	1943	1944	1945	1941	1942	1943	1944	1945
<b>Mln. hectares</b>										
Sawn area, total	108.1	87.7	94.1	109.9	113.6	90.3	70.7	68.8	65.5	67.1
Grains and grain legumes	81.4	67.3	70.6	82.0	85.2	68.5	54.6	51.4	48.9	50.9
Industrial crops	8.0	5.9	7.3	7.5	7.7	5.7	3.6	4.3	3.9	3.8
Potatoes, vegetables and melons	5.8	5.0	7.0	9.9	10.6	5.2	4.5	5.6	6.2	6.4
<b>Percent of 1940</b>										
Sawn area, total	71.9	58.3	62.6	73.0	75.5	98.1	76.8	74.7	71.2	72.8
Grains and grain legumes	73.6	60.9	63.9	74.2	77.0	97.7	77.8	73.3	69.8	72.5
Industrial crops	68.2	50.3	61.9	63.4	65.4	92.0	58.6	70.0	63.3	61.1
Potatoes, vegetables and melons	58.4	50.1	70.0	99.6	105.8	98.7	84.6	105.1	116.5	120.9



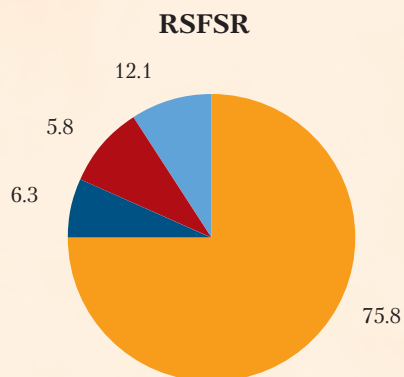
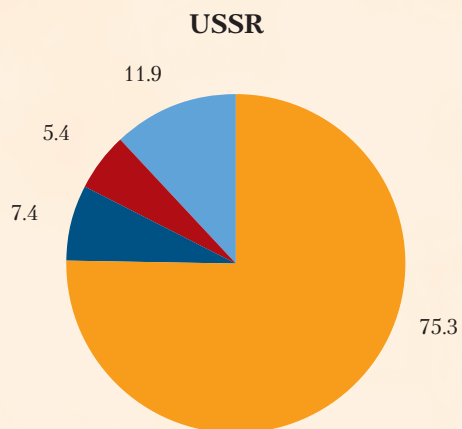
*Women turn up the soil. 1942*



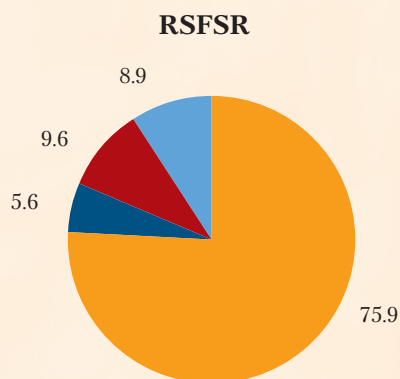
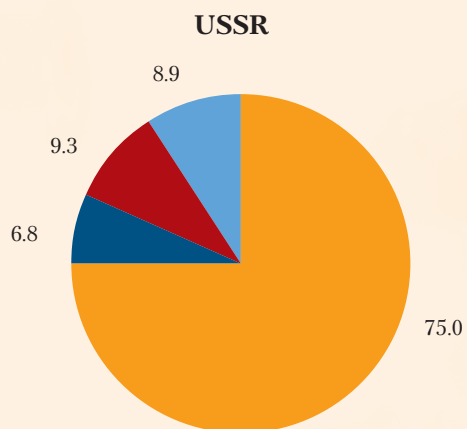
### Sawn areas by main crops <sup>1</sup>

(in establishments of all types; percent of total sown area)

1941



1945

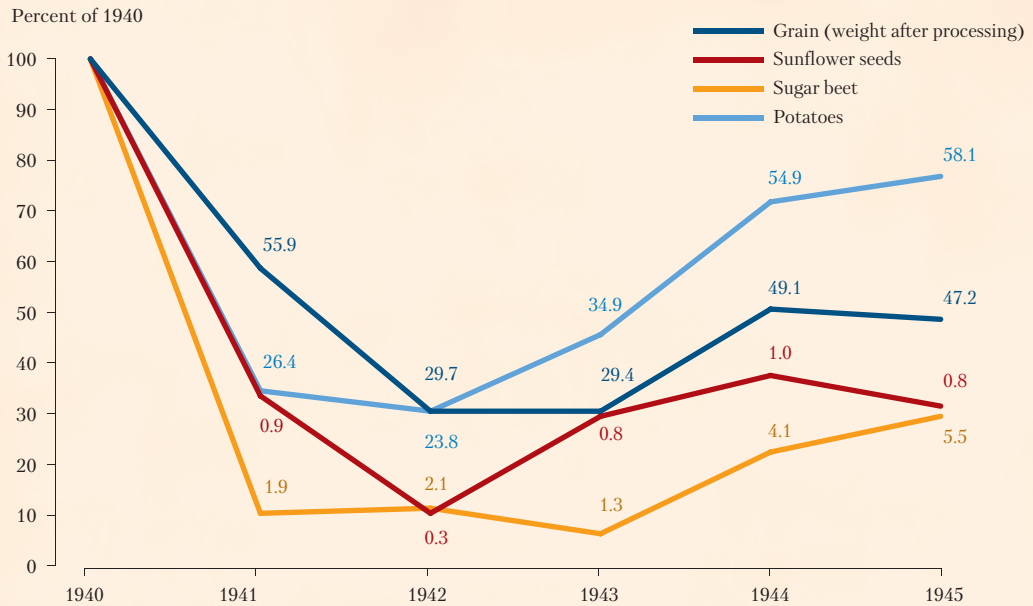


■ Grains and grain legumes  
■ Industrial crops

■ Potatoes, vegetables and melons  
■ Forage crops

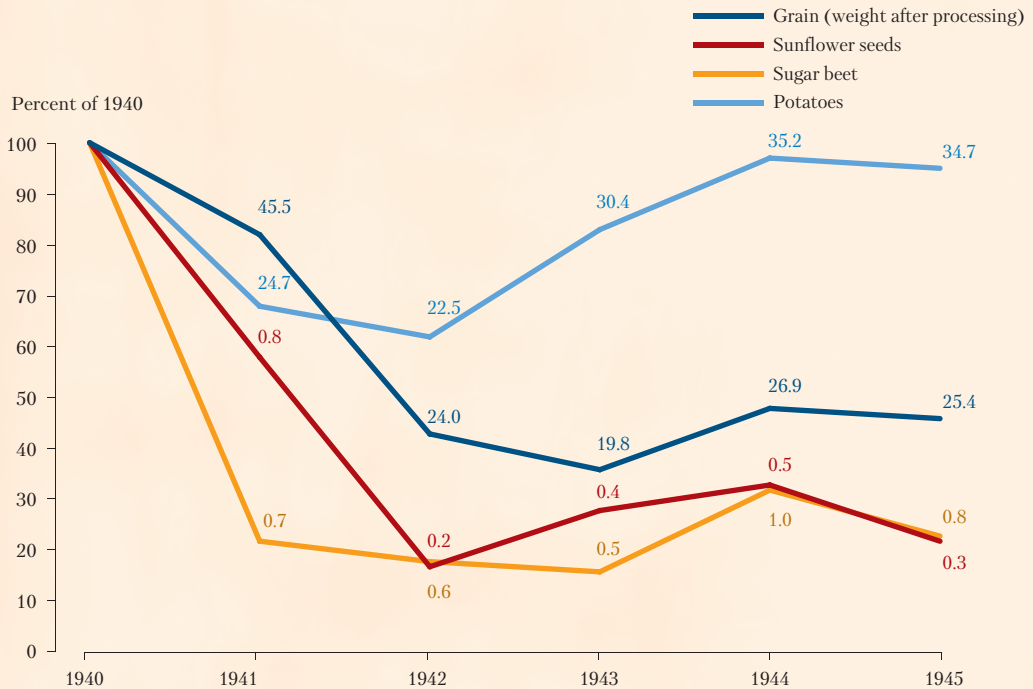
**Production of main crop products in USSR <sup>1</sup>**

(in establishments of all types; mln. tons)



**Production of main crop products in RSFSR <sup>1</sup>**

(in establishments of all types; mln. tons)



**Animal husbandry main products <sup>1</sup>**  
(in establishments of all types; thou. tons)

	USSR					RSFSR				
	1941	1942	1943	1944	1945	1941	1942	1943	1944	1945
Livestock and poultry for slaughter (slaughter weight)	4087	1841	1767	1953	2559	2291	1347	1281	1154	1486
Milk	25495	15762	16391	22044	26428	15859	12999	13574	15118	16635
Wool	161	125	100	103	111	99	81	56	54	59
Eggs, mln. pcs.	9261	4513	3469	3588	4883	5170	3832	2907	2398	2785

**Livestock inventory <sup>1,38</sup>**  
(in establishments of all types; end of year; mln. heads)

	USSR					RSFSR				
	1941	1942	1943	1944	1945	1941	1942	1943	1944	1945
Cattle	31.4	28.4	33.9	44.2	47.4	21.2	18.8	22.3	24.6	26.2
of which cows	15.0	13.8	16.5	21.6	22.7	11.1	10.1	11.7	12.2	12.9
Pigs	8.2	6.0	5.6	8.8	10.5	6.8	4.9	4.2	4.6	4.9
Sheep and goats	70.6	61.8	63.3	70.2	69.9	40.5	32.0	33.0	34.2	34.7
Horses*	10.0	8.1	7.7	9.9	10.7	5.1	...	4.2	3.6	4.0

\* Data for the RSFSR – in collective farms.



Collective farmers convey grains for front. 1941

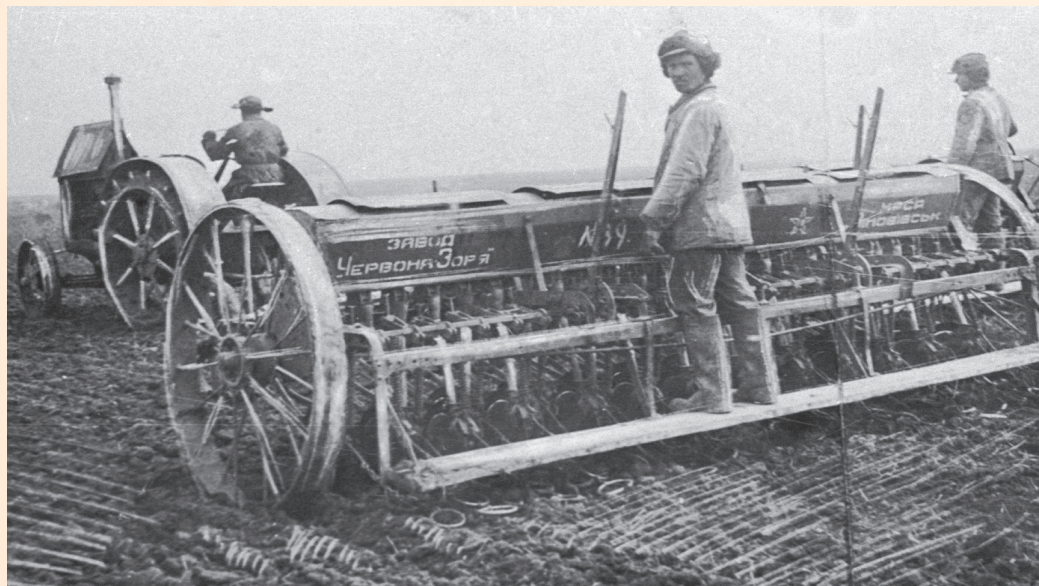
**Changes in livestock inventory** <sup>1, 38</sup>  
(end of year; percent of 1940)

	USSR					RSFSR				
	1941	1942	1943	1944	1945	1941	1942	1943	1944	1945
Cattle	56.9	51.8	62.2	81.1	86.9	76.0	67.6	80.1	88.5	94.2
of which cows	53.2	49.3	59.4	77.4	81.7	77.9	71.0	82.5	85.5	90.8
Pigs	29.7	21.9	20.4	32.0	38.3	56.2	40.7	34.4	37.9	40.8
Sheep and goats	76.4	67.1	69.1	76.7	76.3	79.0	62.5	64.3	66.8	67.7
Horses*	47.6	38.6	36.7	47.1	51.0	54.4	...	44.8	38.6	42.4

\* Data for the RSFSR – in collective farms.

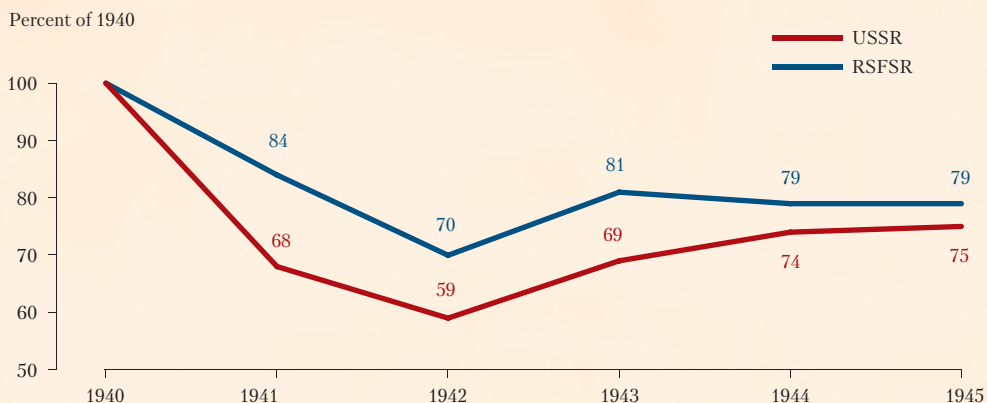
**Tractors and combine harvesters in agriculture** <sup>1</sup>  
(end of year; thou. units)

	USSR					RSFSR				
	1941	1942	1943	1944	1945	1941	1942	1943	1944	1945
Tractors	363.6	312.7	365.9	393.6	397.2	289.0	237.9	278.0	271.0	269.1
Combine harvesters	141.3	119.2	142.0	150.1	147.7	123.1	101.9	117.0	116.2	114.7

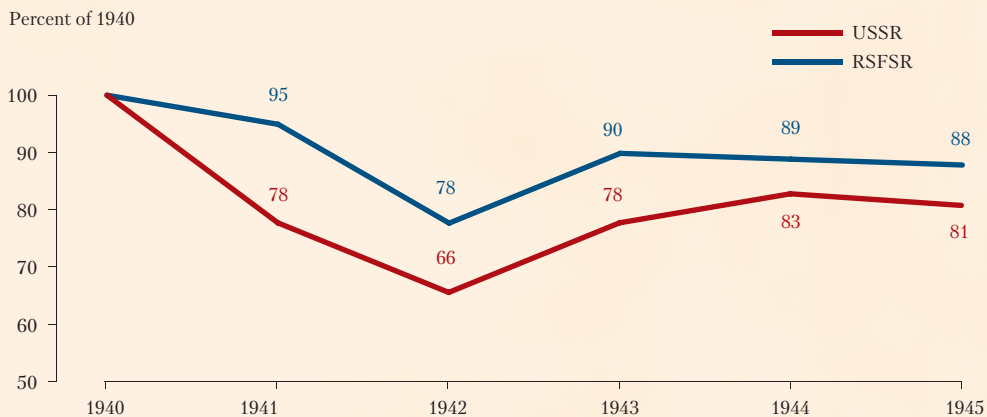


Collective farmers are sowing oats. Primorskiy Krai. 1943

### Tractors in agriculture <sup>1,2</sup> (end of year)



### Combine harvesters in agriculture <sup>1,2</sup> (end of year)



## Construction

«During the years of war (since July 1, 1941 till January 1, 1946) were built 3500 new and restored 7500 large state industrial enterprises destroyed in war.

A week after beginning of the Great Patriotic War the first «Economic mobilization plan» was adopted for the 3rd quarter of 1941, and August 16, 1941 the Soviet government adopted «Military-economic plan» for the 4<sup>th</sup> quarter of 1941 and for 1942.

«Military-economic plan» had a great importance for moving production facilities to the East and reconstruction and development of production in the eastern regions of the USSR. In a short time 1360 large industrial enterprises were evacuated to the east of the country. Along with restoration of evacuated enterprises in the eastern regions of the country the new construction, especially steel mills, power plants, coal mines and military industry factories was widely deployed.

During the war years there were built: Chelyabinsk Metallurgical and Chelyabinsk Tube Rolling Plant, Steel Plant «Amurstal», Uzbek and Kazakh Steel Mills, Aqtobe Ferroalloys Plant, Bogoslavsk Aluminum Plant, Norilsk Mining and Metallurgical Combine, Kuibyshev Oil Refinery, Syzran Heavy Engineering Plant, South Ural Machine Plant, «Uzbekkhimmash» Chemical Engineering Plant, Orsk Construction Machinery Plant, Ural and Ulyanovsk Automobile Plants, Altai and Vladimir Tractor Plants, Krasnoyarsk, Kuznetsk and Dushanbe Cement Plants, Dushanbe Textile Combine. Construction of subway in Moscow was not stopped during the war – the third phase of subway was put into operation in 1943.

Huge work was done during the Great Patriotic War for restoration of coal mines in the Donetsk Basin and Moscow region, power plants and heavy industries on liberated area». <sup>32</sup>

«During the years of the Great Patriotic War 9000 kilometers of new railways were built and 63 thousand kilometers of railway lines were restored». <sup>1</sup>

«In 1943-1945 on liberated territories of USSR power plants with 1.7 million kw capacity were put into operation, coal mines with capacity of 70 mln. tonnes per year, 18 blast furnaces with total capacity of 3,6 mln. tons of cast iron per year, 102 steel units with capacity of 4,1 mln. tons of steel per year, 47 rolling mills with capacity of 2,7 mln. tons of finished steel per year; 172 thousand spinning spindles were installed in textile enterprises in three years, sugar factories received processing capacity of 909 thousand centners of beet per day». <sup>32</sup>

«During these years on liberated territories the power plants started to work with capacity that comprises 37% of total capacity of all power plants put into operation during the whole war, more than 30 large power plants were restored in liberated areas of USSR.

During 1943 and 1944 13 blast furnaces with annual output of 2,3 mln. tons of iron, 70 steel furnaces, 28 rolling mills were put into operation in liberated areas of the USSR» <sup>1</sup>.

### Fixed capital formation of state and cooperative enterprises <sup>1, 10, 11</sup>

(excluding cost of design and exploration works;  
at July 1, 1955 estimated prices; bln. roubles)

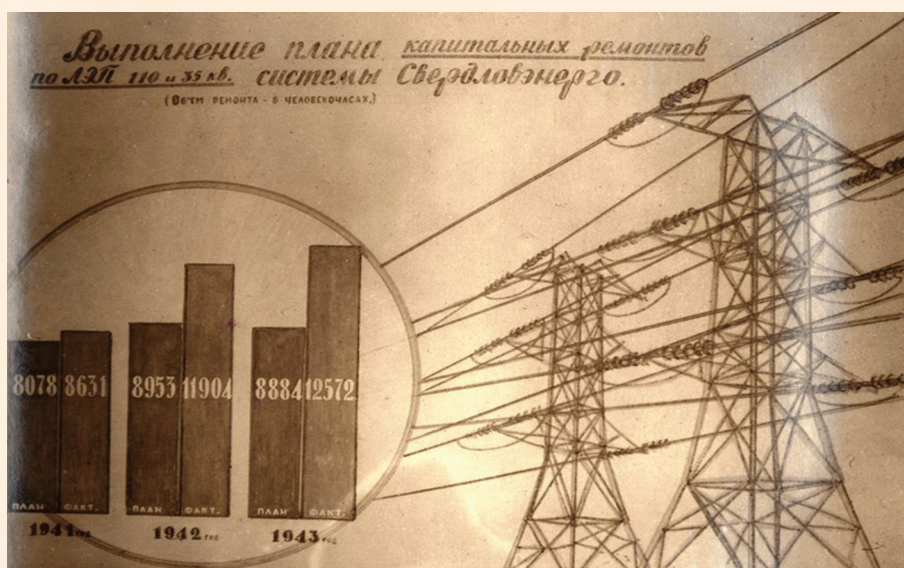
	USSR	RSFSR
1 <sup>st</sup> half of 1941	19.6	14.3
2 <sup>nd</sup> half of 1941	17.8	12.8
1941	37.4	27.1
1942	23.0	19.5
1943	23.1	19.2
1944	31.7	20.8
1945	39.2	24.2
2 <sup>nd</sup> half of 1941-1945	134.8	96.5
of which dwelling construction:		
1 <sup>st</sup> half of 1941	...	...
2 <sup>nd</sup> half of 1941	1.5	1.3
1941	...	...
1942	1.6	1.4
1943	1.5	1.2
1944	2.6	1.7
1945	3.8	2.5
2 <sup>nd</sup> half of 1941-1945	11.0	8.1



**Commissioning of the most important production capacities  
by capital construction in USSR <sup>1</sup>**  
(newly built and reconstructed)

	1941	1942	1943	1944	1945
Capacities for extraction:					
coal, thou. tons	10395	10545	23655*	38582*	31724
iron ore, thou. tons	1100	600	930	6205	4455
Capacities for production:					
cast iron, thou. tons	70	730	955	3170	1255
steel, thou. tons	1312	1508	2308	2871	1470
ferrous metals (finished), thou. tons	280	1125	508	1611	1091
coke, thou. tons	-	1565	1530	5890	2395
synthetic caoutchouc, thou. tons	1.5	8.7	23.5	-	10.0
cement, thou. tons	227	126	100	1220	240
sugar, thou. centners of processed beet	4.0	20.5	128.2	649.2	210.8
spirit, thou. dkl per day	-	26.8	27.2	94.5	34.8
Construction completed:					
blast furnaces	1	4	5	15	5
open-hearth furnaces	16	22	47	59	25
acid Bessemer converter	-	-	-	4	1
electrical furnace	-	31	25	11	6
rolling mills	5	16	17	32	18
coke batteries	-	4	15	48	11
turbine power stations, mln. kW	0.8	1.2	1.1	1.1	0.8
new public railways, km	1930	2807	1446	2577	241
Electrified railways, km	41	10	51	102	250

\* Including restoration of small mines in Donbass.



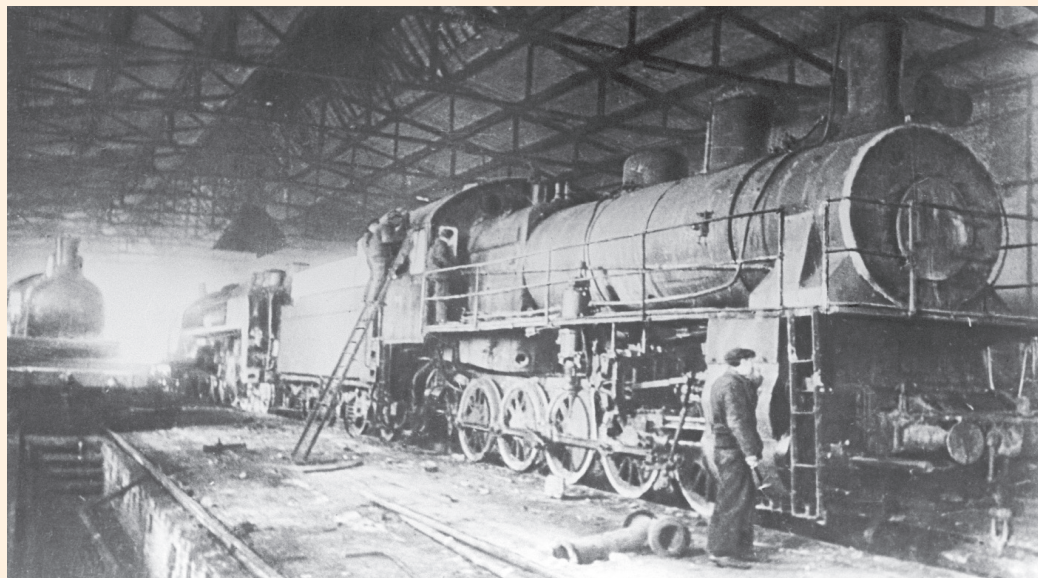


### Commissioning of new and restored production facilities by capital construction on occupied territories of USSR <sup>1, \*</sup>

	1943	1944	1945
Capacities for extraction:			
coal, thou. tons	15128**	29242**	25363
iron ore, thou. tons	-	5355	3425
Capacities for production:			
cast iron, thou. tons	220	2100	1255
steel, thou. tons	1056.5	2035	1044
ferrous metals (finished), thou. tons	193	1428	984
coke, thou. tons	360	3770	1895
synthetic caoutchouc, thou. tons	-	-	10.0
cement, thou. tons	-	1015	60
sugar, thou. centners of processed beet	64.7	633.0	210.6
spirit, thou. decaliters per day	22.2	84.0	34.2
Construction completed:			
blast furnaces	2	11	5
open-hearth furnaces	27	43	18
acid Bessemer converter	-	2	1
electrical furnace	2	6	3
rolling mills	9	22	16
coke batteries	12	43	10
turbine power stations, mln. kW	0.3	0.8	0.6

\* Data for occupied territories are given since the time of their liberation.

\*\* Including restoration of small mines in Donbass.



Railway-car Repair Plant named after F.E. Dzerzhinskiy. 1945

**Commissioning of new and restored production facilities by capital construction on rear areas of USSR <sup>1</sup>**

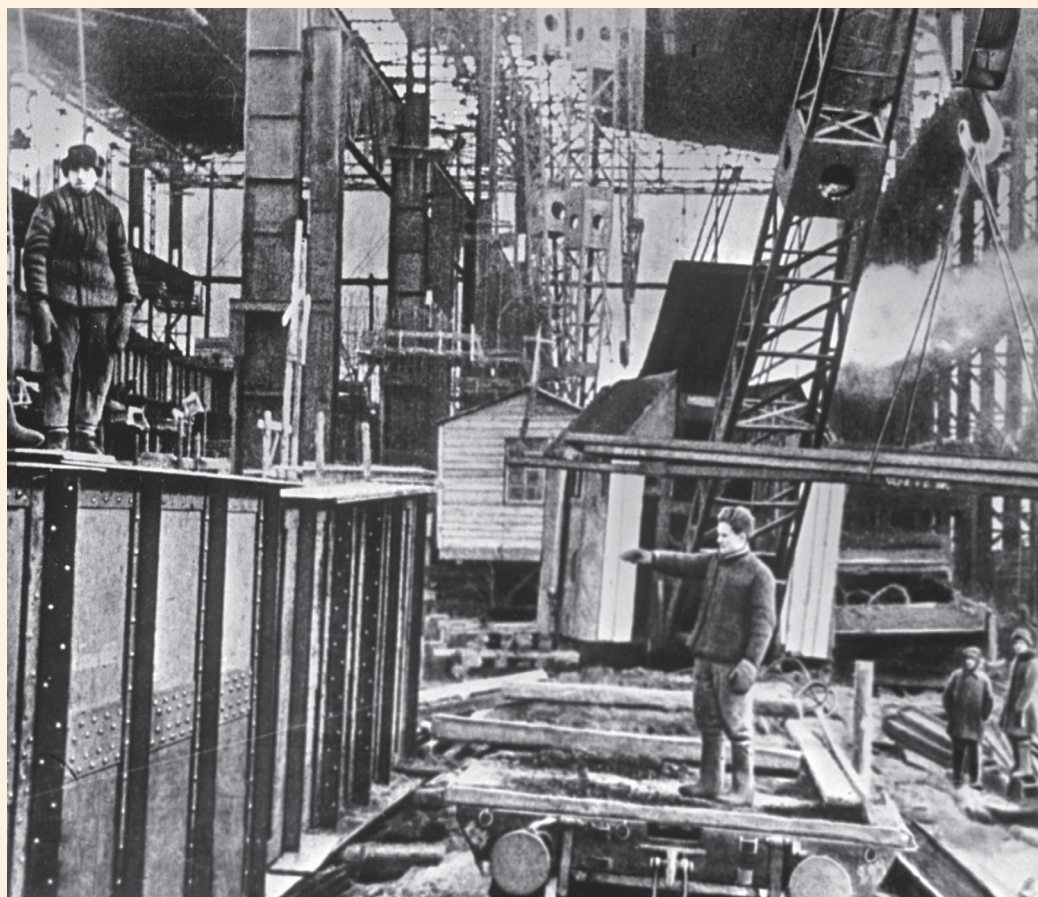
	1941	1942	1943	1944	1945
<b>Capacities for extraction:</b>					
coal, thou. tons	7335	9845	8527	9340	6361
iron ore, thou. tons	1100	600	930	850	1030
<b>Capacities for production:</b>					
cast iron, thou. tons	70	530	735	1070	-
steel, thou. tons	707	1508	1251.5	836	426
ferrous metals (finished), thou. tons	280	1125	215	183	107
coke, thou. tons	-	1565	1170	2120	500
synthetic caoutchouc, thou. tons	1.5	8.7	23.5	-	-
cement, thou. tons	227	56	100	205	180
sugar, thou. centners of processed beet	4.0	20.5	63.5	16.2	-
spirit, thou. dkl per day	-	15.6	5.0	10.5	0.6
<b>Construction completed:</b>					
blast furnaces	1	2	3	4	-
open-hearth furnaces	12	22	20	16	7
acid Bessemer converter	-	-	-	2	-
electrical furnace	-	31	23	5	3
rolling mills	5	16	8	10	2
coke batteries	-	4	3	5	1
turbine power stations, mln. kW	0.6	1.1	0.8	0.3	0.2



*Construction of the sixth blast furnace in Magnitogorsk. 1943*

**Commissioning of the most important production capacities  
by capital construction in RSFSR**  
(newly built and reconstructed)

	1941	1942	1943	1944	1945
Capacities for extraction:					
coal, thou. tons	8235	7885	12784	14818	12712
iron ore, thou. tons	1100	600	930	1250	1030
Capacities for production:					
cast iron, thou. tons	70	730	735	1375	-
steel, thou. tons	707	1508	1617.5	1313	648
ferrous metals (finished) , thou. tons	280	1125	415	293	387
coke, thou. tons	-	1565	1170	2120	500
cement, thou. tons	227	111	100	330	180
sugar, thou. centners of processed beet	-	-	60.2	51.3	17.4



*Construction of new open-hearth plant at Ural. 1942*

### Construction of primary, lower secondary and secondary schools: 1941–1945<sup>10, 11, \*</sup>

	Built and put into operation by state construction program, total	
	number of schools	in them studying places, thou.
USSR	8412	1177
RSFSR	5278	648

\* Including reconstruction of destroyed schools. Data for some years are missed.

### Commissioning of hospitals and clinics, kindergartens and day-nurseries<sup>10, 11, \*</sup>

	Put into operation by state construction program		
	hospitals and clinics, thou. beds	kindergartens, thou. places	day-nurseries, thou. places
<b>USSR</b>			
1941–1945	23.5	34.5	22.3
1941	2.7	14.4	9.3
1942	1.9	6.5	4.2
1943	6.2	5.9	3.8
1944	6.8	4.3	2.8
1945	5.9	3.4	2.2
<b>RSFSR**</b>			
1941–1945	15.2	25.6	15.8

\* Including restoration.

\*\* Data for some years are missed.

### Dwelling construction<sup>1, 10, 11, \*</sup> (mln. sq. m of total area)

	Built and put into operation by state and cooperative organizations (without collective farms) and urban population, total
<b>USSR</b>	
1941–1945**	102.5
1941	7.7
1942	5.8
1943	10.5
1944	15.7
1945	15.0
<b>RSFSR***</b>	
1941–1945**	60.8

\* Without of the 1<sup>st</sup> half of 1941.

\*\* By state and cooperative organizations, collective farms, collective farmers and rural intellectuals, workers and office workers.

\*\*\* Data for some years are missing.

## Transport and Communication

### Freight turnover for all types of public transport in USSR <sup>1</sup> (bln. ton-km)

	1941	1942	1943	1944	1945
All types of transport	449.7	259.7	298.3	343.8	374.8
including:					
railway	386.5	217.8	238.8	281.3	314.0
maritime	20.2	15.8	32.7	34.2	34.2
inland water	34.2	21.8	22.4	22.2	18.8
road, total	6.2	2.8	2.8	3.4	5.0
air	0.02	0.01	0.02	0.03	0.06
oil pipelines	2.6	1.5	1.6	2.7	2.7

### Operation of railway transport of the Ministry of Railways of USSR <sup>1</sup>

	1941	1942	1943	1944	1945
Freight turnover, bln. tariff ton-km	386.5	217.8	238.8	281.3	314.0
Cargo carriage, mln. tons	527.9	277.2	296.6	356.3	395.2
Passenger turnover, bln. passenger-km	66.8	37.8	39.3	57.6	65.9
Passenger carriage, mln. persons	979.3	511.2	617.3	807.9	843.8
Average daily car loading, thou. conditional cars	85.0	42.6	45.5	55.4	61.8
Number of employees involved in transportation, thou. persons	1253.5	884.6	1014.6	1375.9	1516.9

### Operation of railway transport of the Ministry of Railways of USSR on occupied territories <sup>1</sup>

	1943	1944	1945
Freight turnover, bln. tariff ton-km	26.4	74.0	93.7
Cargo carriage, mln. tons	66.8	128.8	163.3
Average daily car loading, thou. conditional cars	11.1	21.1	26.8

For 1943-1945 data on railways are given for territories that were occupied since the time of their liberation.

**Averages haul of one ton of cargo by railway transport  
in USSR <sup>1</sup>**  
(kilometers)

	1941	1942	1943	1944	1945
All cargo	732	786	805	790	794
including:					
coal and coke	750	886	835	745	693
oil products	1249	1298	1299	1160	1115
different ore*	568	852	984	806	702
ferrous metals	1008	1159	1161	1110	1124
timber	953	632	699	749	780
grain	793	758	667	685	1153

\* 1941- excluding sulphurous pyrites.

**Main indicators of Ministry of Marine Fleet of USSR <sup>1</sup>**

	1941	1942	1943	1944	1945
Freight turnover, bln. ton-km	20.2	15.8	32.7	34.2	34.2
Cargo carriage, mln. tons	24.6	13.9	19.1	17.9	20.2
Passenger turnover, bln. passenger-km	...	...	...	...	0.6
Passenger carriage, mln. persons	...	...	...	...	1.0
	<b>1940 = 100</b>				
Freight turnover	85	67	138	144	144
Cargo carriage	79	45	61	57	65
Passenger turnover	...	...	...	...	72
Passenger carriage	...	...	...	...	32



*Evacuation of household goods. 1942*

Use of sea vessels of the Ministry of Marine Fleet of USSR<sup>1, \*</sup>

	1941	1942	1943	1944	1945
<i>Dry cargo fleet</i>					
<b>All types of navigation</b>					
Use of vessel capacity, %	46.2	52.4	55.3	52.3	50.2
Running time (without delay on route) as percent of operating time	30.3	38.9	39.7	40.1	37.4
Operating speed of traffic (without delay on route), miles per day	183	183	208	217	216
<b>Coastal shipping</b>					
Use of vessel capacity, %	48.2	55.3	53.8	58.8	47.0
Running time (without delay on route) as percent of operating time	26.8	23.3	24.3	22.7	22.6
Operating speed of traffic (without delay on route), miles per day	177	156	169	161	169
<b>Foreign navigation</b>					
Use of vessel capacity, %	42.1	51.6	55.5	51.5	50.7
Running time (without delay on route) as percent of operating time	42.5	50.3	44.5	46.1	42.6
Operating speed of traffic (without delay on route), miles per day	197	192	215	227	225
<i>Oil tanker fleet</i>					
<b>All types of navigation</b>					
Use of vessel capacity, %	48.9	46.3	51.9	50.3	48.4
Running time (without delay on route) as percent of operating time	59.3	53.1	85.4	64.8	55.0
Operating speed of traffic (without delay on route), miles per day	206	199	205	217	231
<b>Coastal shipping</b>					
Use of vessel capacity, %	48.6	43.6	50.6	47.3	44.2
Running time (without delay on route) as percent of operating time	58.6	52.6	65.6	61.9	55.5
Operating speed of traffic (without delay on route), miles per day	207	199	202	203	208
<b>Foreign navigation</b>					
Use of vessel capacity, %	52.2	72.1	54.7	53.2	52.5
Running time (without delay on route) as percent of operating time	68.5	56.4	64.9	68.2	54.5
Operating speed of traffic (without delay on route), miles per day	198	204	211	233	258

\* Without data of the Northern Sea Route Authority.

### Main indicators of public river transport in USSR<sup>1</sup>

	1941	1942	1943	1944	1945
Total length of navigable inland waterways used by all organizations, thou. km	108.9	99.4	101.7	110.7	117.2
including equipped routes	102.9	92.7	93.8	100.0	107.0
of which with lighting	72.4	59.3	56.5	60.0	66.0
Fright turnover, bln. ton-km	34.2	21.8	22.4	22.2	18.8
Cargo carriage, mln. tons	65.5	41.5	39.4	37.9	36.9
including:					
oil and petroleum products	9.5	5.3	7.5	7.1	5.5
timber and wood	37.8	25.6	22.4	20.8	20.9
coal	1.8	0.9	0.9	1.1	1.4
mineral construction materials	5.2	1.5	1.3	1.5	1.8
Average haul of one ton of cargo, km	522	527	569	585	511
Passenger turnover, bln. passenger-km	3.8	2.1	1.7	2.2	2.3
Passenger carriage, mln. people	48.4	33.8	32.8	40.4	38.5
Average travel distance of one passenger, km	78	63	53	55	60
<b>1940 = 100</b>					
Fright turnover	95	61	62	62	52
Cargo carriage	90	57	54	52	50
Average haul of cargo	106	107	115	118	103
Passenger turnover	99.1	56	46	58	60
Passenger carriage	66	46	45	55	53
Average travel distance of one passenger	150	121	102	106	115



### Use of public river transport in USSR<sup>1,\*</sup>

	1941	1942	1943	1944	1945
<b>Towing fleet</b>					
Average load per one horsepower (h.p.), tons	8.71	7.83	7.87	7.60	7.29
Average route speed with cargo, km per day	123	116	114	114	114
Running time with cargo as percent of operating time	41.6	35.1	35.1	35.2	35.1
Parking and downtime as percent of operating time	30.7**	36.5	36.4	36.1	36.8
<b>Non-propelled fleet</b>					
Average load per one ton of capacity, tons:					
oil barges	0.85	0.87	0.88	0.88	0.81
dry cargo barges	0.63	0.61	0.60	0.64	0.63
Average route speed with cargo, km per day:					
oil barges	115	110	105	106	112
dry cargo barges	121	113	110	105	104
Running time with cargo as percent of operating time:					
oil barges	38.6	38.8	38.4	37.5	33.1
dry cargo barges	20.9	17.0	18.4	19.2	20.1
Parking and downtime as percent of operating time:					
oil barges	47.8**	47.7	47.0	49.0	52.0
dry cargo barges	71.4**	75.7	73.2	71.5	70.5

\* Without data of the Northern Sea Route Authority, trust «Lenzolotoflot», Kalymo-Indigirsky and Yansky shipping companies.

\*\* Without data of front-line shipping companies.

**Public river transport and auxiliary vessels in USSR <sup>1, \*</sup>**

	1941	1942	1943	1944	1945
<b>Self-propelled fleet</b>					
Number of vessels	3533	3269	3280	3624	3714
Vessel total power, thou. h.p.	727.8	693.4	688.6	714.1	746.0
Average power per one vessel, h.p.	206	212	210	197	201
including:					
passenger-cargo vessels					
number of vessels	878	793	786	823	862
total power, thou. h.p.	219.0	207.2	206.6	211.2	216.4
cargo vessels					
number of vessels	60	59	51	51	53
total power, thou. h.p.	18.5	18.1	17.1	17.2	18.3
towing vessels					
number of vessels	1831	1656	1684	1819	1791
total power, thou. h.p.	424.8	399.6	395.4	405.5	424.7
harbor vessels					
number of vessels	390	360	333	401	416
total power, thou. h.p.	42.6	45.3	42.8	49.4	50.9
general service & auxiliary vessels					
number of vessels	374	401	426	530	592
total power, thou. h.p.	22.9	23.2	26.7	30.8	35.7
<b>Non-propelled fleet</b>					
Number of vessels	7808	7039	7069	7407	7474
Total cargo capacity, thou. tons	5657.9	4960.2	4839.6	4617.4	4615.7
Average capacity per one vessel, tons	725	708	685	623	618
including:					
oil barges					
number of vessels	596	524	542	585	613
total cargo capacity, thou. tons	1619.6	1370.1	1344.4	1377.2	1390.7
dry cargo barges					
number of vessels	6898	6232	6164	6479	6357
total cargo capacity, thou. tons	3952.8	3520.5	3399.8	3159.3	3148.6
general service & auxiliary vessels					
number of vessels	314	283	363	343	504
total cargo capacity, thou. tons	85.5	89.6	95.4	80.9	76.4

\* Without data of the Northern Sea Route Authority, trust «Lenzolotoflot», Kalymo-Indigirsky and Yansky shipping companies.

### Operation and use of truck fleet in USSR<sup>1</sup>

	1941	1942	1943	1944	1945
Cargo turnover, mln. ton-km	6200	2750	2800	3448	5017
Cargo carriage, mln. tons	646.6	236.8	255.1	307.4	420.0
Average haul of one ton of cargo, km	9.6	11.6	11.0	11.2	12.0
Exploitation run rate, loaded haul as percent of total haul length	56	56	56	56	57
Average daily haul per one truck, km	91	90	90	85	87

### Length of public hard-surface roads<sup>1</sup> (beginning of year, thou. km)

	1941	1942	1943	1944	1945
USSR	143.4	75.2	72.9	92.2	152.9
RSFSR	67.8	52.6	50.0	63.8	70.6



Bridge at suburb of Pskov city, 1944

### Main indicators of communication in USSR <sup>1</sup>

	1941	1942	1943	1944	1945
Number of post, telegraph and telephone enterprises, thou. units	32	31	39	48	50
including:					
in urban area	5	4	6	7	7
in rural area	27	27	33	41	43
Number of mail-boxes, thou. units	126	118	119	137	141
Length of long-distance and district telephone and telegraph wires, thou. km	1631	1696	1969	2535	2650
including made of non-ferrous metal	93	134	190	263	295
Capacity of city and district telephone stations, mln. numbers	783	756	826	992	1097
including automatic system	210	203	214	268	297
Number of telephone sets (People's Commissariat for Communications of USSR), thou. units	622	596	661	784	892
Dispatch, mln. units:					
letters	1475	1991	2283	2951	2927
newspapers and magazines	3805	2530	2027	2329	2819
parcels	22	13	5	6	8
telegrams	98	113	129	146	167
money transfers	67	99	118	147	166
Number of long-distance calls, mln.	37	36	42	52	67
Radio broadcasting system:					
number of wire broadcasting centers, units	5454	6209	6915	8116	8394
number of wire broadcasting speakers – total, thou. units	4258	3908	4391	5071	5589
including those of People's Commissariat for Communications of USSR	3535	3229	3702	4351	4849
of which in rural area	647	618	700	800	850

## Transport and communication in rear areas of USSR

During the Great Patriotic War the transport system successfully solved difficult problems of relocation of productive forces to east regions of the country and regular supply of front and rear areas with all necessary facilities. At the same time, destroyed vehicles were restored and new transport means were constructed. The war caused enormous damages to transport: 65 thousand km of railway tracks were destroyed, 13 thousand railway bridges of total length near 300 km were exploded, 4100 railway stations, 317 locomotive depots, 129 locomotive and railway-car repair works and shops, about 16 thousand locomotives, 428 thousand wagons were fully or partially destroyed.

In western regions of European part of the USSR almost all river fleet was wrecked, piers, docks and airports were destroyed, a large number of highway bridges were exploded<sup>39</sup>.

### Railway transport in rear areas of USSR <sup>1</sup>

	1941	1942	1943	1944	1945
Cargo turnover, bln. tariff ton-km	252.7	195.5	212.4	207.3	220.3
Cargo carriage, mln. tons	273.8	221.1	229.8	227.5	231.9
Passenger turnover, bln. passenger-km	38.2	32.1	31.5	36.9	36.8
Passenger carriage, mln. people	446.3	394.8	448.9	480.3	445.0
Average daily loading, thou. conventional wagons	44.7	33.0	34.4	34.3	35.0
Number of workers employed in transport, thou. people	679.0	679.0	741.1	714.7	739.0

Rear roads include railways, located in areas not affected by military operations.

By the beginning of the Great Patriotic War the starting sections of BAM (Baikal-Amur Mainline) were built, construction of main road was under preparation. Those ambitious plans were ruined by the War. Surveyors and construction workers went up the front, equipment and metal were also transferred there. Rails and bridges were disassembled from the section of line BAM-Tynda and sent to Stalingrad to build approach routes.

In 1943 construction of last section from Pivan near Komsomolsk-on-Amur to Sovetskaya Harbour was started. This section was put into operation soon and after the war workers began construction of initial section of the BAM from station of Taishet<sup>40</sup>.

### Main indicators of public river transport in rear regions of USSR<sup>1</sup>

	1941	1942	1943	1944	1945
Length of navigable inland waterways used by all organizations, total, thou. km	92.0	94.5	96.1	98.2	101.1
Fright turnover, bln. ton-km	32.4	21.7	22.2	21.8	18.1
Cargo carriage, mln. tons	56.3	39.4	37.9	35.1	31.5
including:					
oil and petroleum products	9.1	5.2	7.5	7.1	5.4
timber and wood	33.2	24.9	21.5	19.2	19.6
coal	1.3	0.8	0.8	0.9	1.1
mineral construction materials	3.5	1.5	1.2	1.3	1.3
Average haul of one ton of cargo, km	576	550	587	621	573
Passenger turnover, bln. passenger-km	3.4	2.1	1.7	2.1	2.0
Passenger carriage, mln. persons	39.1	31.3	30.7	35.8	30.1
Average travel distance of one passenger, km	88	66	56	58	66
	<b>1940 = 100</b>				
Fright turnover	99.1	66	68	67	55
Cargo carriage	99.7	70	67	62	56
Average haul of cargo	99.5	95	101	107	99
Passenger turnover	109	66	55	66	64
Passenger carriage	74	59	58	68	57
Average travel distance of one passenger	147	110	93	97	110

Shipping companies, fully or partially located in areas not affected by war, are classified as rear area shipping companies.

### Use of public river vessels in rear areas of USSR<sup>1, \*</sup>

	1941	1942	1943	1944	1945
<b>Towing fleet</b>					
Average load per one horsepower (h.p.), tons	8.82	7.86	7.95	7.74	7.57
Average route speed with cargo, km per day	123	117	114	115	115
Running time with cargo as percent of operating time	41.8	35.2	35.5	35.9	35.6
Parking and downtime as percent of operating time	30.7	36.3	35.9	35.2	36.0
<b>Non-propelled fleet</b>					
Average load per ton of capacity, tons:					
oil barges	0.85	0.87	0.88	0.68	0.81
dry cargo barges	0.63	0.60	0.60	0.64	0.63
Average route speed with cargo, km per day:					
oil barges	115	110	105	106	112
dry cargo barges	121	113	110	106	105
Running time with cargo as percent of operating time:					
oil barges	38.6	39.1	38.5	37.5	33.2
dry cargo barges	20.8	17.1	18.7	19.6	20.8
Parking and downtime as percent of operating time:					
oil barges	47.8	47.4	46.8	48.9	51.9
dry cargo barges	71.4	75.6	72.9	71.1	69.8

\* Without data of the Northern Sea Route Authority, trust «Lenzolotoflot», Kalymo-Indigirsky and Yansky shipping companies.

**Main indicators of communication in rear areas of USSR <sup>1</sup>**

	1941	1942	1943	1944	1945
Number of post, telegraph and telephone, thou. units	25	26	26	26	26
Length of long-distance and district telephone and telegraph wires, thou. km	1325	1366	1395	1411	1437
Capacity of city and district telephone stations, thou. numbers	581	600	594	645	675
Dispatch, mln. units:					
letters	1221	1671	1776	1733	1444
newspapers and magazines	3531	2326	1824	1822	1920
parcels	18	12	5	4	5
telegrams	87	106	116	113	111
money transfers	55	83	91	92	90
Number of long-distance calls, mln.	32	32	36	34	33
Radio broadcasting system:					
number of wire broadcasting speakers – total, thou. units	3011	3182	3373	3487	3499
including those of People's Commissariat for Communications of USSR	2441	2593	2778	2894	2910
of which in rural area	492	510	538	550	538



*Mail distribution by personnel of navy post-office. 1942*



## Trade

### Retail trade turnover of state and cooperative trade including catering in USSR<sup>1</sup>

(bln. roubles)

	1941	1942	1943	1944	1945
Total retail trade turnover of state and cooperative trade	152.8	77.8	84.0	119.3	160.1
<b>Retail trade turnover:</b>					
State trade	114.2	57.9	62.3	90.9	124.6
Cooperative trade	38.6	19.9	21.7	28.4	35.5
Share of state trade in total retail trade turnover, percent	75	74	74	76	78
Urban trade	105.7	54.9	59.9	87.1	118.4
Rural trade	47.1	22.9	24.1	32.2	41.7
Share of rural trade in total retail trade turnover, percent	31	29	29	27	26
Retail trade	131.4	59.6	63.3	90.8	127.0
Catering	21.4	18.2	20.7	28.5	33.1
Share of catering turnover in total retail trade turnover, percent	14	23	25	24	21

### Turnover of some trade organizations of USSR: 1945<sup>1</sup>

	In percent
Total turnover of state and cooperative trade	100
including:	
Ministry of Trade of USSR	41.9
Tsentsosoyuz*	21.5
WSDs**	26.2
other organizations	10.4

\* Tsentsosoyuz – Central Consumer Cooperative Union.

\*\* WSD – Workers' Supply Department – state retail trade entity, functioning either as production enterprise, or economic management unit.

The main mode of trade and supply of population during the war was closed distribution system. Workers' Supply Departments (WSDs), aimed at supplying employees of defense and other main industries, were set up by plant managements. By the end of war (as of August 1, 1945), there were 7,6 thou. WSDs. The relevant trade network and catering enterprises were hand over from the People's Commissariat of Trade to EPDs' responsibility. The number of population, supplied by WSDs, amounted to almost half (48%) of all people supplied by centralized system<sup>42</sup>.

**Retail trade turnover (including catering) in USSR,  
by commodities <sup>1</sup>**  
(percent of total)

	1941	1942	1943	1944	1945
All commodities	100	100	100	100	100
Food products	63.0	72.0	72.8	75.0	75.6
of which:					
meat and poultry	3.1	3.2	3.0	2.2	2.1
sausage products	2.3	1.5	1.1	0.8	0.9
fish and herrings	1.9	1.8	2.0	1.8	1.4
butter	2.3	2.5	2.2	2.0	1.8
milk, dairy products and cheese	1.6	1.4	1.6	1.6	1.6
canned food	0.5	0.4	0.8	1.3	1.3
eggs	0.6	0.4	0.6	0.9	1.0
sugar	2.7	1.1	0.6	0.6	0.9
confectionary	3.6	2.2	2.0	1.5	1.9
flour	1.7	3.9	2.6	1.5	1.7
bread and baked goods	17.4	14.5	11.5	8.3	7.0
cereals, bean products and pasta	2.3	1.7	1.7	1.4	1.3
alcoholic beverages	11.8	21.0	25.1	31.7	35.1
Non-food products	37.0	28.0	27.2	25.0	24.4
of which:					
cotton fabrics	4.9	1.2	0.8	1.1	1.4
woolen fabric and shawls	0.8	0.6	0.7	0.8	0.9
silk fabrics	0.7	0.9	0.8	0.6	0.5
linen fabrics	0.3	0.1	0.1	0.1	0.1
apparel	6.5	4.5	4.3	3.3	3.0
knit goods and hosiery	2.2	1.6	1.6	1.5	1.3
leather, textile and combined shoes	3.2	1.4	1.2	1.1	1.1
rubber shoes	0.7	0.1	0.1	0.3	0.5
felt boots	0.2	0.1	0.2	0.2	0.2
lye soap	0.6	0.6	0.6	0.6	0.4
toilet soap and perfumery products	0.9	1.2	2.1	1.9	1.7
tobacco products and shag	3.2	3.0	2.8	2.1	2.5
matches	0.3	0.2	0.4	0.3	0.3
kerosene	0.5	0.3	0.2	0.1	0.2

**Retail commercial trade turnover of Glavosobtorg\* of USSR,  
by commodities <sup>1</sup>**

	Mln. roubles		Percent of total	
	1944	1945	1944	1945
All commodities	5650	11580	100	100
Food products	3615	6251	64.0	54.0
of which:				
meat and poultry	31	70	0.5	0.6
sausage products	222	399	3.9	3.4
fish and herrings	151	345	2.7	3.0
butter	110	249	2.0	2.2
vegetable oil and other fats	40	48	0.7	0.4
milk, dairy products and cheese	199	313	3.5	2.7
canned food	68	118	1.2	1.0
eggs	26	50	0.5	0.4
sugar	154	343	2.7	3.0
confectionary	426	860	7.5	7.4
tea	26	64	0.5	0.5
salt	3	6	0.1	0.1
flour	-	79	-	0.7
bread and baked goods	203	361	3.6	3.1
cereals, bean products and pasta	124	110	2.2	0.9
potatoes	12	12	0.2	0.1
vegetables	54	89	1.0	0.8
fruitage, fruits, berries and melons	186	367	3.3	3.2
spirits	1296	1853	22.9	16.0
other food products	284	515	5.0	4.5
Non-food products				
of which:				
cotton fabrics	-	277	-	2.4
woolen fabric and shawls	-	123	-	1.1
silk and linen fabrics	35	201	0.6	1.7
apparel	384	1028	6.8	8.9
knit goods and hosiery	307	579	5.4	5.0
leather, textile and combined shoes	283	597	5.0	5.1
rubber shoes	202	551	3.6	4.8
lye soap	38	54	0.7	0.5
toilet soap and perfumery products	69	155	1.2	1.3
haberdashery	181	411	3.2	3.5
threads	22	67	0.4	0.6
tobacco products and shag	280	553	5.0	4.8
matches	25	104	0.4	0.9
exercise-books and paper	2	5	0.0	0.0
other non-food products	207	624	3.7	5.4

\* Glavosobtorg – General Directorate of Special Trade of USSR.

Since April 15, 1944 free sale of food and subsequently non-food products at a higher price (so-called commercial trade) was introduced along with administrated supply in Moscow and then in Leningrad, Sverdlovsk, Kiev and other major cities.

Commercial trade enabled to highly paid industrial and office workers to purchase some goods at higher prices, taking into account the ratio of amount of money and commodities in the country, and thereby improving the supply of this part of population. At the same time, commercial trade diverted part of the effective demand from the collective farm markets, thus reducing market prices. While developing commercial trade prices of goods in commercial shops gradually decreased, this further influenced decrease of prices at informal market<sup>42</sup>.

**Retail trade turnover (including catering) in RSFSR,  
by commodities<sup>29</sup>**  
(percent of total)

	1941	1942	1943	1944	1945
All commodities	100	100	100	100	100
Food products	65.2	71.1	73.2	76.4	76.7
Non-food products	34.8	28.9	26.8	23.6	23.3



*Gorky Street in Moscow, 1941*

### Turnover of public catering enterprises in USSR <sup>1</sup>

(bln. roubles)

	Total turnover	1940 = 100	
		total turnover	turnover of WSDs
1941	21.4	91.3	101.4
1942	18.2	77.7	271.0
1943	20.7	88.1	401.7
1944	28.5	121.6	518.7
1945	33.1	141.0	628.1

### Centralized market funds of food products in USSR<sup>1, \*</sup>

(thou. tons)

	1941	1942	1943	1944	1945
Flour	14386	9023	7333	6869	7961
Cereals (including concentrates)	836	294	271	438	558
Pasta	167	46	136	98	172
Food grain	617	168	46	138	164
Meat	234	126	147	158	201
Sausage products	179	76	69	85	95
Canned meats, mln. conventional cans	9	13	71	130	254
Fish	334	137	194	270	270
Herrings	117	68	54	50	41
Canned fish, mln. conventional cans	33	18	28	51	60
Butter	136	77	64	79	82
Melted edible fat	5	7	25	61	92
Vegetable oil	89	54	87	151	119
Sugar	748	148	77	110	243
Confectionary	599	145	130	117	221
Cheese	24	15	16	11	32
Tea	14	8	10	13	12
Eggs, mln. pcs.	744	413	340	541	728
Salt	1405	605	846	1051	1210
Vodka and alcoholic beverages, mln. dkl	58	16	15	25	43
Grape wine produced by enterprises of the Ministry of Food Industry of USSR, mln. dkl	11	7	5	5	6
Beer, mln. dkl	91	22	23	30	38

\* Centralized market funds are goods available for population, establishments, organizations and enterprises at domestic market for personal or collective consumption and economic needs, as well as for further processing, stock forming, export and other purposes, allocated and distributed by centralized order (by the USSR State Planning Committee, the Ministry of Trade of USSR, etc.).

### Centralized market funds of non-food products in USSR <sup>1</sup>

(mln. roubles; prices as of April 1, 1954)

	1941	1942	1943	1944	1945
Cotton fabrics	10789	1170	1036	1302	2862
Woolen fabrics	1350	652	814	1493	1885
Silk fabrics	1471	870	835	872	819
Linen fabrics	838	115	120	127	201
Shawls	680	122	219	251	303
Cotton threads	428	103	113	147	264
Wearing apparel	7055	1154	1183	1317	2054
Knit goods	1546	359	357	378	458
Hosiery	1244	239	232	212	215
Leather footwear	4524	688	583	751	1057
Rubber footwear	1164	13	13	114	233
Felt boots, thou. pairs	3776	1338	1977	2478	3079
Lye soap, thou. tons	260	86	67	73	92
Tobacco products	4159	1310	1056	1063	2247
Shag, thou. boxes	3062	113	62	19	23
Matches, thou. boxes	6860	1159	1396	1343	1788
Toilet soap	670	208	71	113	195
Cosmetics and perfumes	839	324	822	1152	1465
Kerosene, thou. tons	999	219	121	112	193

### Retail trade and catering enterprises <sup>1,29</sup>

(end of year; thou. units)

	1941	1942	1943	1944	1945
<b>USSR</b>					
Retail trade enterprises	213.4	163.0	176.6	220.5	245.1
Catering enterprises	51.6	51.4	58.4	70.1	73.4
<b>RSFSR</b>					
Retail trade enterprises	158.5	120.3	130.6	140.3	151.4
Catering enterprises	38.8	37.5	43.9	47.7	48.0

### Retail trade and catering enterprises in rear areas of USSR <sup>1</sup>

(end of year; thou. units)

	1941	1942	1943	1944	1945
Retail trade enterprises	171.7	140.4	136.8	139.7	145.8
Catering enterprises	44.2	44.9	46.9	47.8	46.6

### State and cooperative trade shops and kiosks in RSFSR <sup>29</sup>

(end of year)

	State trading enterprises, thou. units			Cooperative trade enterprises, thou. units			Percent of total		
	Shops	Kiosks	Total	Shops	Kiosks	Total	Shops	Kiosks	Total
1941	46.8	19.6	66.4	77.3	14.8	92.1	42	58	100
1942	42.7	15.0	57.7	54.4	8.2	62.6	48	52	100
1943	41.6	17.0	58.6	63.4	8.6	72.0	45	55	100
1944	43.7	21.1	64.8	67.5	8.0	75.5	46	54	100
1945	47.8	25.2	73.0	69.8	8.6	78.4	48	52	100

### Catering and cooperative trade enterprises in RSFSR <sup>29</sup>

(end of year)

	Thou. units			Percent of total		
	state trading enterprises	cooperative trading enterprises	total	state trading enterprises	cooperative trading enterprises	total
1941	30.4	8.4	38.8	78	22	100
1942	31.4	6.1	37.5	84	16	100
1943	34.7	9.2	43.9	79	21	100
1944	37.7	10.0	47.7	79	21	100
1945	37.4	10.6	48.0	78	22	100

### Catering and cooperative trade by types of enterprises in RSFSR <sup>29</sup>

(end of year)

	Commercial kitchens	Canteens and restaurants, thou. units	Tea rooms, thou. units	Snack bars and buffets, thou. units
1941	87	22.7	0.7	15.3
1942	87	27.5	0.7	9.2
1943	110	34.6	0.6	8.6
1944	100	37.6	0.6	9.4
1945	101	36.2	1.3	10.4

## Finance

### State budget of USSR <sup>1</sup> (bln. roubles)

	1941	1942	1943	1944	1945
Revenues – total	177.0	165.0	204.4	268.7	302.0
including:					
from socialist economy	155.0	120.4	141.4	187.2	229.7
of which:					
turnover tax	93.2	66.4	71.0	94.9	123.1
profit tax	23.5	15.3	20.1	21.4	16.9
income tax and tax on non-commodity enterprises and organizations	3.1	1.9	2.9	3.5	3.3
state social insurance funds	6.9	5.8	6.7	8.9	10.3
use of population financial resources	22.0	44.6	63.0	81.5	72.3
of which:					
personal income taxes	10.8	21.6	28.6	37.0	39.8
loans by subscription	8.3	12.2	17.9	26.3	23.1
Expenditures – total	191.4	182.8	210.0	264.0	298.6
of which:					
on national economy	51.7	31.6	33.1	53.8	74.5
on social and cultural activities	31.4	30.3	37.7	51.3	62.7
including:					
education	15.5	10.4	13.2	20.7	26.4
healthcare and physical culture	6.8	6.8	8.5	10.2	11.5
state allowances to mothers with many children and single mothers	1.2	0.8	0.7	0.9	2.1
social maintenance	4.5	9.8	12.5	15.8	17.7
of which from state social insurance funds	2.0	1.8	1.8	2.2	2.5
state social insurance	3.4	2.5	2.8	3.7	5.0
national defense	83.0	108.4	125.0	137.8	128.2
public administration	5.1	4.3	5.2	7.4	9.2

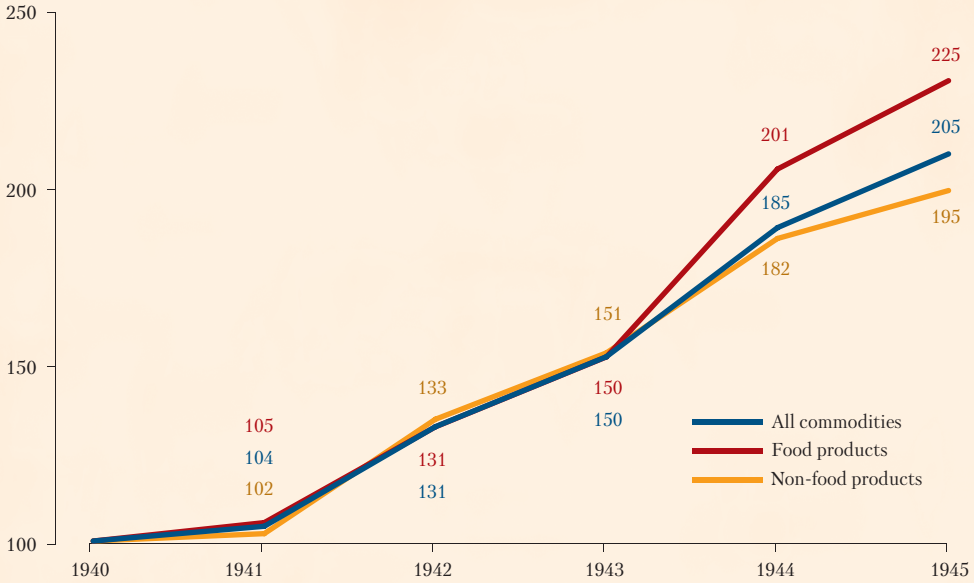


## Prices

**State retail price indices of some commodities in USSR <sup>1</sup>**  
(percent of 1940 average annual prices)

	1941	1942	1943	1944	1945
All commodities	104	131	150	185	205
Food products	105	131	150	201	225
of which:					
meat products	107	107	107	123	120
fish products	108	108	108	122	126
butter	109	108	108	117	118
vegetable oil and other fats	100	100	100	106	103
sugar	102	102	102	136	118
confectionary	102	102	101	143	141
salt	100	252	382	384	385
bread and baked products	101	100	100	106	104
cereals, bean products and pasta	100	100	101	116	107
alcoholic beverages	113	326	623	745	730
Non-food products	102	133	151	182	195
of which:					
cotton fabrics	104	129	137	164	147
woolen fabrics	104	136	143	145	130
silk fabrics	105	165	166	164	159
apparel	100	124	128	137	147
knit goods and hosiery	101	130	136	150	159
leather footwear	115	131	133	159	189
lye soap	100	162	200	210	214
threads	100	137	151	199	200
tobacco products	100	179	200	221	224
matches	100	296	400	420	470
kerosene	100	125	150	185	196

**State retail price indices for consumer goods in USSR: 1941-1945** <sup>1</sup>  
(as percent of average annual prices of 1940)



**Price indices at city collective farm markets in USSR** <sup>1</sup>

(top 43 big cities; 1940=100)

	1941	1942	1943	1944	1945
All commodities (including cattle)	105	749	1311	1075	551
Crop products	97	742	1298	1111	544
Baked products	117	1045	2155	2360	948
Potatoes	91	1049	1628	1143	493
Vegetables	97	710	1151	900	471
Fruits	89	443	767	923	518
Vegetable oil	112	723	1684	1214	677
Livestock products	110	812	1339	1031	554
Meat and fat	115	684	1229	987	538
Poultry	104	582	1031	939	629
Dairy products	98	942	1434	1049	556
Milk	99	1004	1529	1108	587
Butter	102	796	1259	948	517
Eggs	88	747	1140	962	637

### State retail prices for selected food products at administrated and commercial trade in USSR <sup>1</sup>

(roubles per one kg)

	Administrated trade prices	Commercial trade prices		
	1945 end of year	since beginning of commercial trade	1944 end of year	1945 end of year
Beef of medium fatness, first grade	12	400	320	150
Pork, butchered and uncut, first grade	17	600	500	300
Cooked sausage «Otdelnaya»	16	450	450	250
Half smoke sausage «Krakovskaya»	23	600	600	370
Sausages «Russkie»	15	450	400	240
Large frozen pike perch, first grade	5.5	200	150	110
Herring «Murmanskaya», vatted	6.4	300	210	150
Unsalted butter, highest grade	25	1000	750	370
Melted butter, highest grade	26	1000	750	370
Refined sunflower oil	13.5	700	600	250
Table margarine, first grade	12	620	480	250
Milk, per one liter	2	60	50	40
Cheese «Sovetskiy» extra 50%	29	700	530	330
Eggs, first grade, per 10 pcs.	6.5	200	150	100
Refined sugar	5.7	1050	750	250
Chocolate-coated candies «Vesna»	20	-	850	340
White flour biscuits «Rot-Front»	9.9	-	600	240
Baikhovi black tea «Gruzinskiy», first grade	80	750	750	600
Fine salt	0.48	80	80	50
Wheat flour, first grade	2.9	-	-	60
Wheat flour, second grade	2.4	-	-	45
Wheat flour, highest grade	4.6	-	-	90
Crushed millet, first grade	2.1	150	150	80
Buckwheat «yadritsa»	4.3	250	250	150
Flour pasta, first grade	3.5	200	200	100
Rye bread of whole-wheat flour	1	-	-	24
Wheat bread of second grade flour	1.7	-	-	30
Vodka 50°, per 0.5 liter	80.5	250	190	100

During the war state retail prices at administrated trade did not change, except of vodka and alcoholic beverages, grape wines, beer and salt.

### State retail prices for selected non-food products at administrated and commercial trade in USSR <sup>1</sup>

(end of year; roubles per item)

	Administrated trade prices	Commercial trade prices		
	1945	1942	1944	1945
Chintz, article 3, m	3	9.6	9.6	55
Sateen, article 133, m	6.3	20.2	20.2	95
Demi drape cloth, article 277, m	250	750	750	2000
Woollen suiting, article 125, m	170	510	510	1450
Crepe de Chine, article 5A, m	58	148	148	600
Men's overcoat, article 7-30	377	980	4300	3000
Men's suit, article 13-31	367	954	4000	2950
Men's socks, article 82, per one pair	7	17.5	125	95
Chrome men's boots, article P-3004, per one pair	140	336	1875	1700
Men's galoshes, article 110, per one pair	20	45	1080	700
Lye soap, first grade, kg	5.5	-	350	137.5
Toilet soap «Krasniy Mak», per one bar of 75 g	4	-	85	55
Perfume «Krasnaya Moskva», flacon № 4199	57	-	500	400
Threads «Prima», per one spool	0.5	1.75	35	20
Russian cigarettes № 3 «Kazbek», per 25 pcs.	6.3	50	50	40
Aluminium cooking pot, article K-5	42	-	350	140
Nickel plated brass tea kettle of 2,5 liter capacity	168	-	750	500
Women's bracelet watch, brand «Zif»	450	1350	5000	1700

During the war state retail prices at administrated trade prices trade did not change, except of lye and toilet soap, cosmetics, metal utensils, tobacco and some other non-food products.

Since April 11, 1942 higher prices were set for products sold without ration cards; since mid-1944 the prices of these goods were again significantly increased and they were sold in special commercial stores.

### Average monthly prices for agricultural products in collective farm markets in USSR<sup>1</sup>

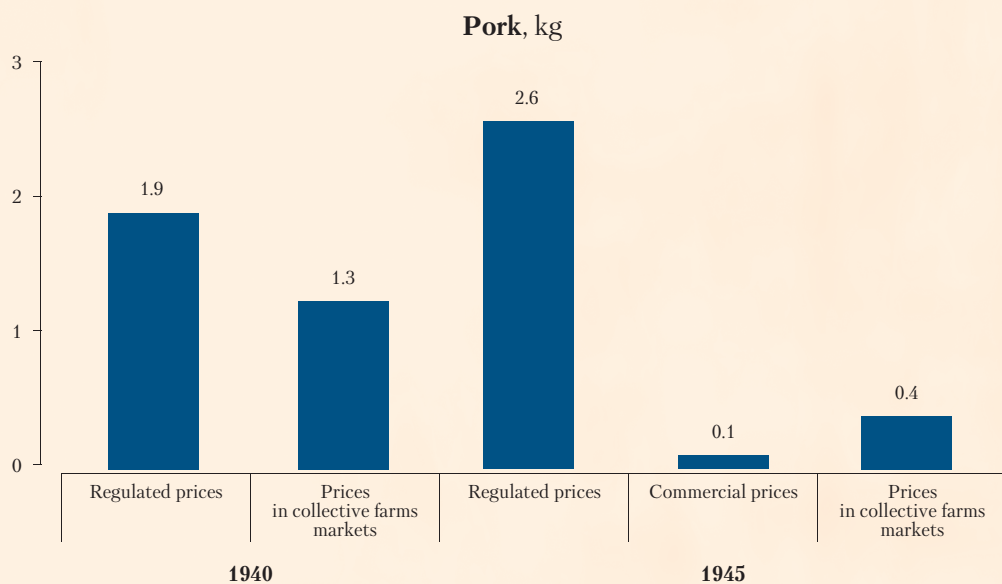
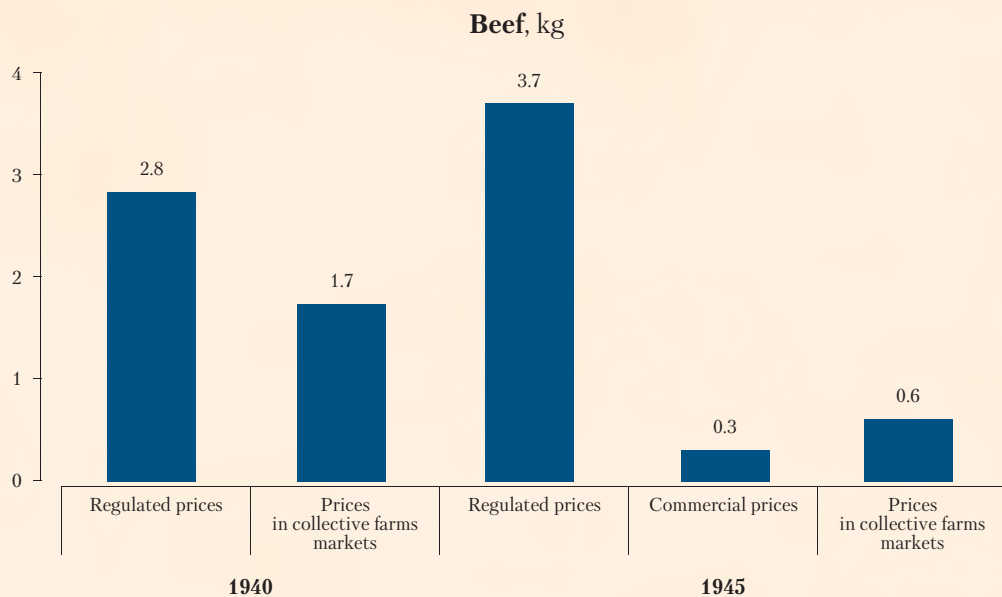
(data of sample survey network of top 43 big cities; roubles per one kg)

	1941		1942		1943		1944		1945	
	April	October	April	October	April	October	April	October	April	October
Rye	1.90	4.41	27.95	44.08	102.12	82.77	88.58	53.07	43.23	25.48
Wheat	4.47	7.16	30.29	54.75	85.43	79.28	107.61	56.26	45.95	26.49
Rye flour	3.26	8.22	40.83	80.20	136.19	112.19	147.01	71.69	53.52	31.22
Wheat flour, close grinding	4.93	8.27	44.87	80.64	118.31	131.62	162.23	86.52	74.09	35.68
Millet	4.57	14.04	56.39	104.80	176.83	164.76	199.94	98.97	71.78	52.23
Potatoes	1.37	2.67	17.11	24.71	50.02	20.56	32.17	12.54	13.09	7.11
Cabbage	3.32	2.59	19.79	22.12	47.87	19.79	33.87	11.82	14.12	7.44
Yellow onion	4.12	3.41	24.83	33.48	84.75	55.20	102.69	33.63	53.56	17.18
Red beet	1.70	1.97	13.56	24.76	30.05	22.74	33.76	13.21	13.20	7.70
Carrots	2.44	3.15	23.10	31.52	53.37	28.54	46.71	15.35	19.97	8.82
Cucumbers	3.04	4.68	23.49	28.51	47.19	32.99	47.77	34.84	40.19	25.20
Vegetable oil, per one liter	28.47	27.93	156.56	245.63	539.91	408.95	374.80	246.32	197.88	149.09
Beef	21.37	20.98	99.22	155.84	229.16	204.29	244.12	133.87	133.36	71.14
Pork	24.08	27.50	193.76	247.50	358.60	304.96	372.99	211.14	193.80	98.87
Milk, per one liter	2.64	5.77	34.73	44.59	63.84	51.92	52.05	32.00	23.91	19.87
Butter	43.85	61.61	281.15	578.95	697.49	578.62	630.25	362.47	309.05	203.46
Eggs, per 10 pcs.	10.44	14.88	72.72	97.28	154.09	127.08	170.63	87.00	106.70	63.28

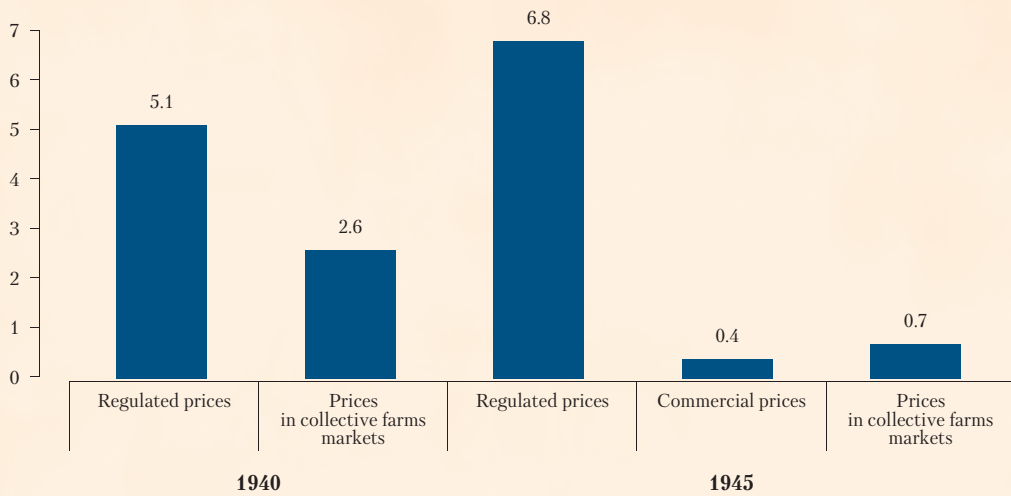
**Prices for agricultural products in collective farm markets in Moscow <sup>1</sup>**  
(roubles per one kg)

	1941		1942		1943		1944		1945	
	As of April 25	As of October 25	As of April 25	As of October 25	As of April 25	As of October 25	As of April 25	As of October 25	As of April 25	As of October 25
Rye flour	-	-	-	100.00	184.00	137.00	133.00	59.00	52.00	38.00
Wheat flour close grinding	-	-	-	160.00	232.00	160.00	187.00	88.00	71.00	52.00
Millet	-	-	-	125.00	200.00	162.00	166.00	81.00	71.00	55.00
Potatoes	1.00	3.80	49.10	49.45	79.00	18.00	29.00	11.00	12.00	8.00
Fresh cabbage	6.80	4.75	70.00	33.75	87.00	19.00	53.00	11.00	29.00	10.00
Yellow onion	5.25	12.25	91.25	90.80	180.00	92.00	171.00	49.00	72.00	23.00
Red beet	1.70	4.25	50.60	40.00	74.00	19.00	29.00	12.00	15.00	9.00
Carrots	4.30	4.50	50.50	44.60	102.00	25.00	55.00	14.00	28.00	9.00
Cucumbers	2.60	8.50	51.20	62.10	100.00	66.00	78.00	52.00	64.00	46.00
Beef	16.65	38.00	200.00	276.60	515.00	266.00	325.00	148.00	160.00	64.00
Pork	17.80	45.50	250.00	437.50	760.00	480.00	595.00	243.00	239.00	123.00
Milk, per one liter	2.15	8.50	46.00	50.70	75.00	59.00	50.00	35.00	25.00	27.00
Butter	24.00	-	700.00	800.00	1015.00	950.00	1015.00	473.00	392.00	258.00
Eggs, per 10 pcs.	7.45	-	181.10	165.00	295.00	190.00	210.00	113.00	98.00	74.00

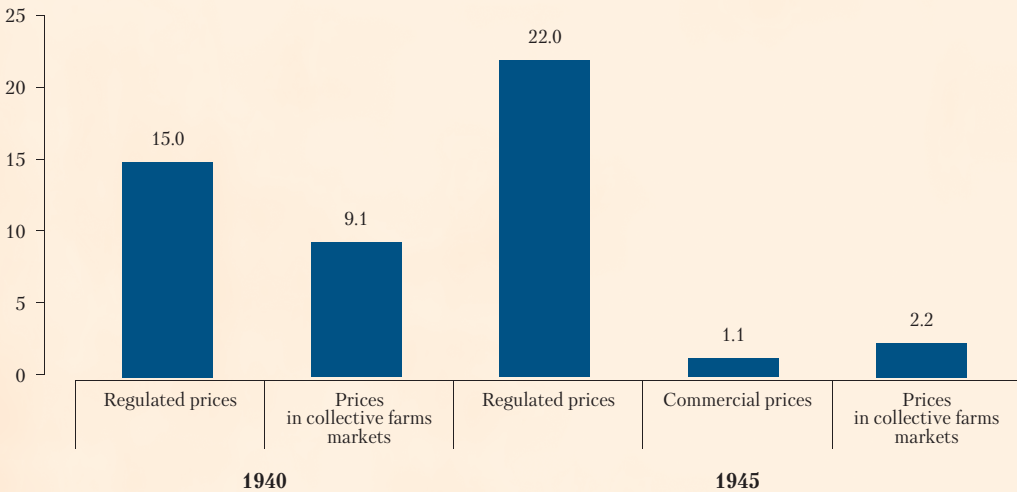
**Purchasing power of average monthly accrued wages and salaries in USSR: 1940, 1945<sup>1</sup>**



Eggs, 10 pieces



Milk, liter



Purchasing power of average wage of employees is amount of goods that could be purchased at average wage regarding price level of given year. The indicator was calculated by Rosstat as ratio of average monthly accrued wage of employees of the Soviet Union in the reporting year to price of certain goods in shops and collective farm markets at the same period.



## Rationing during the Great Patriotic War

### Population of USSR supplied with bread by state program <sup>1</sup>

(mln. persons)

	December				1946		1947
	1942	1943	1944	1945	September	December	December
Population supplied with bread, total	61.8	67.7	74.0	80.6	87.7	59.0	62.8
Population supplied according to urban norms	41.0	43.2	48.4	53.8	59.8	55.0	56.2
Population, supplied with bread by ration cards	38.9*	41.8*	47.2	52.8	58.8	54.1	55.2
including:							
working people	18.7	20.3	23.9	26.1	28.2	29.2	29.6
dependents	9.9	10.4	11.3	12.3	13.4	8.3	8.1
children	10.3	11.1	12.0	14.4	17.2	16.6	17.5
Population, supplied with bread in sheltered institutions and by communal feeding	2.1	1.4	1.2	1.0	1.0	0.9	1.0
including:							
population, participated in construction of defensive barriers and reconstruction works	1.3	0.2	0.0	0.1	0.2	0.1	-
population living in orphanages, homes for disabled and other sheltered establishments (Gossnab)	0.8	1.2	1.2	0.9	0.8	0.8	1.0
Population supplied according to rural norms	20.8	24.5	25.6	26.8	27.9	4.0	6.6
According to norms established by local administrations (employees of regional enterprises and institutions, rural intellectuals, members of their families)	17.8	15.8	17.0	19.0	20.1	-	-
According to centralized norms (employees of enterprises and institutions in rural area)	-	7.1	7.8	7.5	7.7	-	-
Rest of population in rural area supplied with bread (evacuated from occupied areas and others)	3.0	1.6	0.8	0.3	0.1	-	-

\* Besides students of secondary vocational schools (FZO and RU types), who were on communal feeding (802 thou. in 1942 and 54 thou. in 1943); in the following years FZO and RU students were supplied with bread by ration cards.

Switchover to ration card system took place since July to November 1941. Primarily, rationing for grain and food products (meat, fish, fats, cereals and pasta) was introduced for total population of Moscow, Leningrad and number of towns and suburban areas of Moscow and Leningrad regions.

Since July 1941 rationing of industrial goods: cotton, linen and silk fabrics, knitwear, apparel and hosiery, leather and rubber footwear, soap was introduced. Thus, by November 10, 1941 the rationing system covered practically all urban population of the country<sup>42</sup>.

**Population of USSR supplied with bread according to urban norms,  
by ration categories<sup>1</sup>**  
(mln. people)

	December				1946		1947
	1942	1943	1944	1945	September	December	December
Population, supplied with bread by ration cards	38.1*	41.8*	47.2	52.8	58.8	54.1	55.2
Workers	15.2	18.3	21.6	23.9	25.9	26.5	26.9
highest ration category	0.2	0.8	1.6	3.0	4.0	3.6	3.8
I ration category	7.8	8.7	10.3	11.6	12.5	13.3	13.3
II ration category	7.2	8.8	9.7	9.3	9.4	9.6	9.8
Office workers	2.7	2.0	2.3	2.2	2.3	2.7	2.7
I ration category	1.0	0.6	0.6	0.7	0.7	0.8	0.7
II ration category	1.7	1.4	1.7	1.5	1.6	1.9	2.0
Dependents	9.9	10.4	11.3	12.3	13.4	8.3	8.1
Children	10.3	11.1	12.0	14.4	17.2	16.6	17.5

\* Excluding students of secondary vocational schools (FZO and RU types), who were on communal feeding (802 thou. in 1942 and 54 thou. in 1943); in the following years FZO and RU students were supplied with bread by ration cards.

Ration norms were established for 4 groups: workers and similar persons; office workers and similar persons; dependent and similar persons; children under 12 years old.

Depending on importance of industry the workers were supplied with bread and sugar according to the 1st and 2nd ration categories. That was 800 (600) g of bread per day and the same amount of sugar and confectionery per person per month.

Ration norms on bread were temporarily reduced in autumn of 1943; since November 21, 1943 workers were supplied with 500-700 g, office workers – with 400-450 g, dependents and children – with 300 g of bread. Ration norms on bread that were in force until November 1943, began to recover in 1945.

Since 1942 special ration cards were introduced for additional supply of workers engaged in underground works, in hot and occupational hazard working conditions, as well as of pregnant women, nursing mothers, donors and sick people.

Ration cards had been distributed monthly, and delivery of bread was organized every day according to established norms; bread delivery for one day ahead was possible. Expired coupons for bread were considered as canceled. With regard to canteen services, bread cards were divided into several coupons (as well as cards for meat, fish, fats and cereals). Thus, at norm of 600 g per day, bread card included 3 coupons for 300, 200 and 100 g, at norm of 400 g per day - respectively 300 and 100 g <sup>42</sup>.

1д января ХЛЕБ 300 гр	2д января ХЛЕБ 300 гр	3д января ХЛЕБ 300 гр	4д января ХЛЕБ 300 гр	5д января ХЛЕБ 300 гр	6д января ХЛЕБ 300 гр	7д января ХЛЕБ 300 гр	8д января ХЛЕБ 300 гр	9д января ХЛЕБ 300 гр	10д января ХЛЕБ 300 гр	11д января ХЛЕБ 300 гр	
22д января ХЛЕБ 300 гр	21д января ХЛЕБ 300 гр	20д января ХЛЕБ 300 гр	19д января ХЛЕБ 300 гр	18д января ХЛЕБ 300 гр	17д января ХЛЕБ 300 гр	16д января ХЛЕБ 300 гр	15д января ХЛЕБ 300 гр	14д января ХЛЕБ 300 гр	13д января ХЛЕБ 300 гр	12д января ХЛЕБ 300 гр	
<b>КАРТОЧКА НА ХЛЕБ</b> на январь 1942 г. <b>Норма 400 гр в день</b> <b>Л Е Т С К А Я</b> Фамилия _____ Имя, отчество _____ при утере карточка не возобновляется						31д января ХЛЕБ 300 гр	30д января ХЛЕБ 300 гр	29д января ХЛЕБ 300 гр	28д января ХЛЕБ 300 гр	25д января ХЛЕБ 300 гр	23д января ХЛЕБ 300 гр
						31д января ХЛЕБ 100 гр	30д января ХЛЕБ 100 гр	29д января ХЛЕБ 100 гр	27д января ХЛЕБ 300 гр	26д января ХЛЕБ 300 гр	24д января ХЛЕБ 300 гр
22д января ХЛЕБ 100 гр	21д января ХЛЕБ 100 гр	20д января ХЛЕБ 100 гр	19д января ХЛЕБ 100 гр	18д января ХЛЕБ 100 гр	17д января ХЛЕБ 100 гр	16д января ХЛЕБ 100 гр	15д января ХЛЕБ 100 гр	14д января ХЛЕБ 100 гр	13д января ХЛЕБ 100 гр	12д января ХЛЕБ 100 гр	
1д января ХЛЕБ 100 гр	2д января ХЛЕБ 100 гр	3д января ХЛЕБ 100 гр	4д января ХЛЕБ 100 гр	5д января ХЛЕБ 100 гр	6д января ХЛЕБ 100 гр	7д января ХЛЕБ 100 гр	8д января ХЛЕБ 100 гр	9д января ХЛЕБ 100 гр	10д января ХЛЕБ 100 гр	11д января ХЛЕБ 100 гр	

**Population of USSR supplied with food products according to rural norms,  
by ration categories <sup>1</sup>**

	Ration cards issued, thou.						
	December				1946		1947
	1942	1943	1944	1945	September	December	December
Population, supplied with food products	15337	20495	27907	33170	37259	33971	32750
Industrial workers	7947	12119	16205	19031	20929	19616	17413
Office workers	1284	1205	1511	1656	1758	2106	1520
Dependents	2873	3322	4736	5971	7045	4905	4999
Children	3233	3849	5455	6512	7527	7344	8816

Besides a significant number of civilians were supplied with food without cards (according to different lists, passbooks, one-time coupons, etc.).

**Population of USSR supplied with food products <sup>1</sup>**

	Thou. people		Thou. people
March 1943	50000	September 1946	71879
March 1944	56762	December 1946	57025
March 1945	62320	March 1947	55840
December 1945	65439	December 1947	54482

Special attention was paid to children diet. Best quality food products were supplied with highest priority for child food ration cards. Children under 1 year received special meals from dairy kitchens, which were delivered with appropriate products - milk, fat, manna groats, rice, sugar and flour.

For children from 1 to 3 years old meals were provided from child food stations. 430 thousand children were granted food from dairy kitchens and food stations in Q 4, 1942 and 960 thousand in Q 4, 1945.

Children at day-nursery and kindergartens were provided with complete child diet. For example, a child on day care received 900 g of sugar per month, whereas the card norm was 400 g. A child on 24 hour day care consumed 1,5 kg of meat per month instead of 400 g at card norm. 2100-2600 thousand children were at day-nursery and kindergartens during the war.

Hot breakfasts were provided for schoolchildren in all towns and worker's settlements. Additionally, each schoolchild received 50 g of bread and 10 g of sugar for tea per day. In 1942 4 mln. schoolchildren received breakfasts, in the following years their number increased significantly.

For children who needed calorie or healthy diet, special dining rooms were organized, where they took food 2 times a day. In these dining rooms a child received 1,5 kg of meat and fish per month, besides over the card norm – 1,1 kg, respectively 450 and 300 g of fat. 150 thousand children were provided with this kind of diet in Q 4, 1942 and 940 thousand children in Q 4, 1945.

Rationing of non-food products also was started step by step. Unlike with food products, the supply of non-food products was not guaranteed by delivery of rationed strictly fixed quantities of certain goods. This could not be done at one time due to resource constraints, and was not always convenient for people.

Rationed non-food products were sold within the limits established for each population category in the form of a certain number of standard pieces (coupons) for each product. According to total limit and number of coupons, scored up for each product, an owner of card had the right to buy any rationed goods that were in the shops throughout the period of card's validity.

Non-food product cards for industrial workers and engineers had 125 coupons, for office workers – 100 coupons, for dependents (including children) and students - 80 coupons. When buying a pair of shoes for adults, one should give 50 coupons, 80 coupons for a coat, 60 coupons for a women's wool or silk dress, 40 coupons for a cotton dress, 3 coupons for a pair of stockings for children, 2 coupons for a bar of lye soap, etc. In the Far North area cards for non-food products were issued with a double amount of coupons.

By the end of war 60 mln. people received cards for non-food products. In the last years of war, the system of non-food product rationing was replaced by sale of these products to urban population using special vouchers.

Rural population was supplied with non-food products by consumer cooperatives from centralized funds allocated to them. Products were sold through cooperative stores with limits per person – up to 6 m of cotton or linen fabrics, 3 m of wool, 1 pair of shoes. Teachers, doctors, agricultural specialists, families of military personnel and evacuated people enjoyed some privileges<sup>42</sup>.

## Foreign Trade

### Volume of foreign trade of USSR <sup>3</sup> (mln. roubles)

	Turnover	Export	Import*
Since 22.06.1941 till 31.12.1943	24356.4	935.9	23420.5
1944	22744.7	655.1	22089.6
1945	16369.0	1572.9	14796.1

\* Lend-lease goods from USA, Great Britain and Canada are included in volume of import.

### USSR export by groups of goods <sup>3</sup> (mln. roubles)

	Total since 22.06.1941 till 31.12.1945	including		
		since 22.06.1941 till 31.12.1943	1944	1945
Total	3163.9	935.9	655.1	1572.9
Equipment and technical supply	16.8	4.5	1.7	10.6
Ores, metals and metal products	364.2	80.0	58.7	225.5
Transportation means	55.6	1.9	1.1	52.5
Timber	103.0	49.4	21.3	32.2
Oil products	122.3	44.6	36.7	41.0
Raw rubber and its products	77.9	8.8	3.7	65.4
Chemical products	184.5	71.2	28.1	85.2
Food products	529.9	124.6	121.5	283.9
Raw materials of animal origin	82.6	45.0	17.2	20.4
Raw leather and leather goods	21.1	8.0	1.8	11.3
Peltry-ware	743.2	287.8	222.5	232.9
Spinning raw materials and finished products	598.3	131.3	90.5	376.5
Pharmacon and medical stock	17.5	3.2	1.3	12.9
Other goods	247.0	75.5	49.0	122.6

### USSR import by groups of goods <sup>3</sup>

(mln. roubles)

	Total since 22.06.1941 till 31.12.1945	including				
		1941 (since 22.06)	1942	1943	1944	1945
Total	60306.1	1124.6	6076.0	16219.9	22089.6	14796.1
Armament and military equipment	29823.8	475.8	3669.9	8945.4	9943.5	6789.1
Industrial equipment and technical supply	6740.6	67.0	419.6	1671.8	3033.5	1548.6
Railway locomotives and rolling stock	1205.1	7.2	-	26.2	609.4	562.3
Metals and metal ware	4841.2	81.3	653.6	1341.4	1825.0	939.8
Ores	246.7	24.0	29.6	47.5	83.8	61.8
Coal and coke	162.2	-	-	-	-	162.2
Cement	7.3	-	-	-	-	7.3
Glass and glassware	1.1	-	-	-	-	1.1
Timber and wood products	21.7	-	-	-	-	21.7
Paper and paper products	79.6	-	2.4	4.6	19.3	53.2
Oil products	947.0	53.2	53.2	145.2	373.2	322.2
Raw rubber and technical rubber products	1218.5	85.6	132.6	300.9	430.8	268.5
Chemical products	1312.9	14.2	97.4	311.2	512.4	377.8
Food products	9259.6	29.0	548.5	2451.9	3734.5	2495.7
Livestock and poultry	416.0	47.3	105.7	81.5	104.0	77.5
Raw leather and leather goods	814.3	89.3	100.9	209.6	257.6	156.9
Peltry-ware and raw fur	56.0	5.8	16.4	13.7	12.1	7.9
Spinning raw materials and finished products	2384.1	133.3	216.7	554.1	996.7	483.3
Pharmacon and medical stock	203.9	3.5	15.7	53.4	75.5	55.8
Other goods	564.6	7.9	13.7	61.3	78.4	403.3

**USSR import of cars <sup>3</sup>**  
(thou. items)

	Total since 22.06.1941 till 31.12.1945	including				
		1941 (since 22.06)	1942	1943	1944	1945
Vehicles, total:	416.3	1.5	39.9	109.1	147.1	118.7
including:						
Cargo trucks	367.2	1.4	32.1	94.4	129.1	110.2
Combat reconnaissance vehicles	48.0	0.1	7.7	14.7	18.0	7.5
Special purpose vehicles and passenger cars	1.1	-	0.1	0.03	0.0	1.0



*Cargo trucks prepared for shipping to front. Reserve of the Supreme High Command General Headquarters.  
Near Mozhaisk city, 1944*



## Labour

Average annual number of workers and office workers in economy <sup>1</sup>  
(mln. persons)

	USSR	RSFSR
1941	27.3	...
1942	18.4	...
1943	19.4	...
1944	23.6	...
1945	28.6	19.6



*Employee of technical control section examines sewed field overcoat for front, 1943*

**Average annual number of workers and office workers by kind of economy:**  
**1945** <sup>34</sup>  
 (thou. persons)

	USSR	RSFSR
Total	28566	19627
Industry	10665	8076
Agriculture	2731	1767
Forestry	199	122
Transport	3126	2019
including:		
railroad	1841	1157
water	190	146
road, city electric and other transport; loading-unloading operations	1095	716
Communication	426	269
Construction	1774	1040
Trade and catering consumption; material and technical supply and distribution; procurement	2445	1649
Other types of activity in material production	107	72
Housing and utilities; non-production types of utility services for population	1046	743
Healthcare, physical training and social security	1419	947
Education	2211	1387
Culture	141	93
Art	145	87
Science and scientific services	289	219
Credit activities and public insurance	197	122
Management of state and maintenance, cooperative and public organizations	1645	1015



# Material losses during the war and economic recovery





## Losses of material resources

### Damages caused to economy and private persons in USSR <sup>1</sup>

(at 1941 prices)

	Bln. roubles
Losses caused by direct destruction and pillage – total	679
including:	
state enterprises and institutions	287
kolkhozes	181
rural and urban citizens	192
cooperatives, trade unions and other public organizations	19
Of total losses by soviet republics:	
Russian SFSR	255
Ukrainian SSR	285
Belorussia SSR	75
Latvian SSR	20
Lithuanian SSR	17
Estonian SSR	16
Moldavian SSR	11

German fascist invaders destroyed during the war completely or partially and burned 1710 cities and towns and more than 70 thousand villages; burned and destroyed more than 6 million houses and deprived of shelter about 25 million people; destroyed 31850 industrial enterprises, knocked out steel mills that produced before the war about 60% of smelted steel, mines, which provided more than 60% of coal production in the country; destroyed 65000 kilometers of railway tracks and 4100 railway stations, 36000 post and telegraph offices, telephone stations and other communication enterprises; ravaged and looted tens of thousands of state and collective farms, butchered, captured or reived to Germany 7 million horses, 17 million cattle, 20 million pigs, 27 million sheep and goats. Besides, they destroyed and demolished 40000 hospitals and other medical institutions, 84000 schools, colleges, higher education institutions, research institutes, 43000 public libraries<sup>20</sup>.

**Fixed assets of USSR** <sup>44, \*, \*\*</sup>

(beginning of year; without livestock; at prices of 1945 plan; bln. roubles)

	Total	Total socialist property	including			Property of population
			production fixed assets	of which in industry	non production fixed assets	
<b>Rear areas</b>						
1941	592	429	280	144	149	163
1947	653	514	346	195	168	139
<b>Occupied areas</b>						
1941	453	280	190	86	90	173
At time of liberation	230	104	65	29	39	126
1947	272	143	96	46	47	129
<b>Total for USSR</b>						
1941	1045	709	470	230	239	336
1947	925	657	442	241	215	268

\* Here and on pages 127 – 129 calculations were made for country leadership by the Central Statistical Office of the State Planning Committee of USSR during early post-war years.

\*\* Total volume of fixed assets includes socialist property or property of population.

Основные фонды за время с 1/1 1941г. по 1/1 1947г.  
в цен. плана 1945г. в млрд. рублей. Без фондов в колхозах

	Всего	в т.ч. соц. собствен. фонды	в том числе:			Собствен. фонды колхозов
			произв. фонды	в т.ч. инд. предприятия	непроизв. фонды	
Триловые районы						
на 1/1 1941г.	592	429	280	144	149	163
на 1/1 1947г.	653	514	346	195	168	139
Районы под оккупацией						
на 1/1 1941г.	453	280	190	86	90	173
на момент освобождения	230	104	65	29	39	126
на 1/1 1947г.	272	143	96	46	47	129
В целом по всей						
на 1/1 1941г.	1.045	709	470	230	239	336
на 1/1 1947г.	925	657	442	241	215	268

Вопрос записан Молотову  
29.09/1947г.

Fragment of report prepared by the Central Statistical Office of the State Planning Committee of the USSR addressed to V.M. Molotov, September 30, 1947

### Damage caused to state enterprises, establishments and public organizations of USSR during the Great Patriotic War <sup>44</sup>

(mln. roubles)

	Damage caused to state enterprises and institutions		Damage caused to public organizations			
	total	including PCR*	total	including by types		
				cooperative	public (without religious)	religious
Nonresidential buildings	26874	2593	2371	2108	252	11
Residential buildings	33884	2042	700	234	110	356
Buildings of cultural and household usage	38666	880	651	71	580	-
Buildings of religious faith	659	-	3789	-	-	3789
Other buildings and structures	1714	373	94	65	23	6
Constructions	34076	11346	93	45	44	4
Equipment and transport means	27787	5857	347	684	62	1
Perennial plants	8474	44	40	17	18	5
Working and productive animals	5249	87	445	401	44	3
Fuel, materials and finished goods	29497	403	5715	5681	31	3
Production in progress in industry and construction	5288	852	164	157	7	-
Raw agricultural products	8842	22	264	252	8	4
Crop acreage and production in progress in agriculture	4716	70	66	46	18	2
Damage to agricultural lands	4501	2	2	2	-	-
Money in cash	1567	31	154	105	36	13
Other types of property	38131	2236	3872	1067	978	1827
Expenditures on evacuation and re-evacuation	17796	6442	186	83	103	-
<b>TOTAL</b>	<b>287721</b>	<b>33280</b>	<b>19353</b>	<b>11018</b>	<b>2311</b>	<b>6024</b>

\* PCR – the USSR People's Commissariat of the Railroads.

НАЧАЛЬНИКУ Ц.С.У. ГОСПЛАНА СССР

Товарищу СТАРОЦКОМУ В.Н.

Чрезвычайная Государственная Комиссия направляет Вам справку об ущербе в денежном выражении, причиненном немецко-фашистскими захватчиками государственным предприятиям, учреждениям и общественным организациям.

Ответственный Секретарь  
Чрезвычайной Государственной Комиссии *И.В.И.*

[П. Вогоявленский]

*научено 28/09/1945 г.*  
*И.С.*

**СПРАВКА**

об ущербе в денежном выражении, причиненном государственным предприятиям, учреждениям и общественным организациям в миллионах рублей.

	Ущерб, причиненный государственным предприятиям и учреждениям		Ущерб, причиненный обществ. организациям			
	Всего	в том числе НКПС	Всего	Кооперация	Обществ. организациям	Общественно-личных культур
1. Здания хозяйствен. назначения	26.874	2.593	2.371	2.108	252	11
2. Ейные здания	33.884	2.042	700	234	110	356
3. Здания культ. бытов. назначения	38.836	880	651	71	580	-
4. Здания религиозных культов	689	-	3.789	-	-	3.789
5. Прочие здания и постройки	1.714	373	94	65	23	6
6. Оборудование	34.076	11.346	93	45	44	4
7. Оборудование и транспортные средства	27.787	5.857	347	684	62	1
8. Многолетние насаждения	8.474	44	40	17	18	5
9. Рабочий и продуктивный скот	5.249	87	445	401	44	3
10. Топливо материал. и готов. продукты	29.497	403	5.715	5.681	31	3
11. Незаверш. производ. в промышл. и строит.	5.288	852	164	157	7	4
12. Бытне сельскохоз. предукты	8.842	22	264	252	8	4
13. Посевы и незаверш. произв. в сельском хозяйстве	4.716	70	66	46	18	2
14. Ущерб, причинен. земельным угодьям и лесам	4.501	2	2	2	-	-
15. Денежная наличность	1.567	31	154	105	36	13
16. Прочие виды имущества	38.131	2.236	3.872	1.067	978	1.827
17. Расходы по эвакуации и реэвакуации	17.796	6.442	186	83	103	-
<b>Итого:</b>	<b>287.721</b>	<b>33.280</b>	<b>19.353</b>	<b>11.018</b>	<b>2.311</b>	<b>6.024</b>

Начальник Отдела  
Чрезвычайной Государственной Комиссии *И.С.* /Е.Смирнов/.

Information of September 28, 1945 received by V. N. Starocsky, Head of CSO of the State Planning Committee of USSR, from E. Smirnov, Chief of General Department of the State Extraordinary Commission.



### USSR national assets and losses of assets during the Great Patriotic War <sup>44</sup>

(bln. roubles)

	Beginning of war		Losses
	Total for USSR	Including on occupied territories	
State, cooperative and public organizations – total	891.1	345.8	281.8
including:			
fixed capital	680.2	266.6	214.1
livestock	27.6	11.5	9.9
capital construction in progress, raw materials, fuel and finished goods	158.3	56.6	46.7
agricultural products	25.0	11.1	11.1
Collective farms – total	490.5	226.2	181.3
including:			
fixed capital	110.0	49.8	35.9
livestock	116.9	53.3	34.6
reserves of agricultural products	263.6	123.1	110.8
Population – total	853.7	437.2	192.1
including:			
residential buildings and operational buildings	366.6	188.4	52.6
livestock	110.7	62.1	32.9
perennial plants	9.3	7.1	3.0
reserves of agricultural products	67.1	54.6	38.0
household contents (at state retail prices)	300.0	125.0	65.6
<b>TOTAL</b>	<b>2235.3</b>	<b>1009.2</b>	<b>655.2</b>



*One of the streets of Smolensk after liberation of city from Nazi invaders, 1943*

## Recovery of economy

### Industry

#### Restoration of industrial production up to prewar level <sup>15</sup>

	USSR			RSFSR		
	Prewar level of production (1940)	Year when prewar production level was reached or exceeded		Prewar level of production (1940)	Year when prewar production level was reached or exceeded	
		year	production level		year	production level
Electric energy, bln. kWh	48.6	1946	48.6	30.8	1944	32.6
Coal, mln. tons	166	1947	183	72.8	1943	77.9
Crude oil (including gas condensate), mln. tons	31.1	1949	33.4	7.0	1946	7.3
Gas (natural), mln. cu. m	3219	1945	3278	210	1941	403
Iron ore, mln. tons	29.9	1949	32.6	9.7	1944	10.7
Pig iron, mln. tons	14.9	1949	16.4	5.3	1943	5.6
Steel, mln. tons	18.3	1948	18.6	9.3	1944	10.0
Rolled ferrous metal products, mln. tons	13.1	1948	14.2	6.6	1944	6.8
Steel pipes, thou. tons	966	1948	1324	406	1944	452
Synthetic ammonia, thou. tons	338	1948	401	232	1947	248
Sulphuric acid in monohydrate, thou. tons	1587	1949	1845	1105	1948	1109
Chlorohydric acid, thou. tons	89.0	1949	115	65.4	1948	66.0
Calcined soda 100%, thou. tons	509	1949	611	96.7	1943	99.3
Caustic soda 100%, thou. tons	175	1948	206	94.8	1944	108
Apatite concentrate, thou. tons	950	1948	981	950	1948	981
Artificial and semi-artificial boiled oil (mixed), thou. tons	75.2	1949	84.0	48.3	1949	65.6
Synthetic dyes, thou. tons	34.3	1948	38.3	26.4	1948	31.1
Mineral fertilizers, (conditional units), thou. tons	3238	1948	3471	2164	1950	3093
Superphosphate (standard), thou. tons	1352	1948	1424	800	1949	890
Automobile tyres, thou. pcs.	3007	1948	4072	3007	1948	3995
including «Gigant» tyres	1079	1947	1601	1079	1947	1583
Rubber footwear, mln. pairs	69.7	1948	71.1	67.4	1949	86.3
Excavators, units	274	1947	630	257	1947	508
Cargo main-line cars, thou. units	30.9	1949	43.6	20.6	1949	27.9
Cargo vehicles, thou. units	136	1948	174	136	1948	172
Passenger cars, units	5511	1946	6289	5511	1946	6289
Buses, units	3921	1950	3939	3921	1950	3939

Continuation

	USSR			RSFSR		
	Prewar level of production (1940)	Year when prewar production level was reached or exceeded		Prewar level of production (1940)	Year when prewar production level was reached or exceeded	
		year	production level		year	production level
Tractors, thou. units	31.6	1948	56.9	21.2	1947	22.1
Tractor ploughs, thou. units	38.4	1948	61.7	18.7	1948	33.9
Tractor cultivators, thou. units	32.3	1947	33.4	28.6	1948	30.6
Timber hauling, mln. dense cu. m	246	1948	250	216	1950	230
Sawn wood, mln. cu. m	34.8	1949	42.8	28.8	1950	37.1
Paper pulp, thou. tons	529	1948	689	444	1948	648
Paper, thou. tons	812	1949	995	691	1949	844
Cartboard, thou. tons	151	1948	181	113	1947	117
Cement, mln. tons	5.7	1948	6.5	3.6	1948	4.1
Building bricks, bln. standard bricks	7.5	1949	8.2	4.6	1949	5.0
Soft roofing materials, mln. sq. m	127	1947	166	81.9	1950	180
Asbestos-cement sheets (slate), mln. conventional tiles	206	1948	329	157	1950	329
Window glass, mln. sq. m	44.7	1947	47.8	23.8	1947	24.5
Cotton fabrics, mln. linear m	3954	1951	4767	3707	1951	4307
Woolen fabrics, mln. linear m	120	1948	124	102	1948	106
Linen fabrics, mln. linear m	286	1951	314	263	1951	273
Silk fabrics, mln. linear m	77.3	1948	81.7	61.6	1948	61.9
Hosiery, mln. pairs	485	1951	598	279	1955	379
Footwear, mln. pairs	211	1951	240	141	1951	161
Sugar, thou. tons	2165	1950	2523	359	1950	429
Meat (excluding collective farms production, including by-products of first category)*, thou. tons	1501	1950	1556	859	1950	928
Butter*, thou. tons	226	1948	292	141	1948	173
Vegetable oil*, thou. tons	798	1950	819	422	1953	484
Flour, mln. tons	29	...	...	18.7	1955	18.8
Groats, thou. tons	1.7	...	...	1.0	1952	1.1
Bread and bakery products, mln. tons	24.0	...	...	16.1	1955	16.1
Preserves, mln. convention cans	1113	1949	1162	549	...	....
Alcohol, mln. dkl	89.9	...	...	51.0	1953	57.9
Salt-extraction, mln. tons	4.4	1948	4.8	1.8	1947	1.8
Soap (in equivalent of 40%), thou. tons	700	1949	726	523	1949	535

\*Data refer to industrial production and do not include information on production by households.

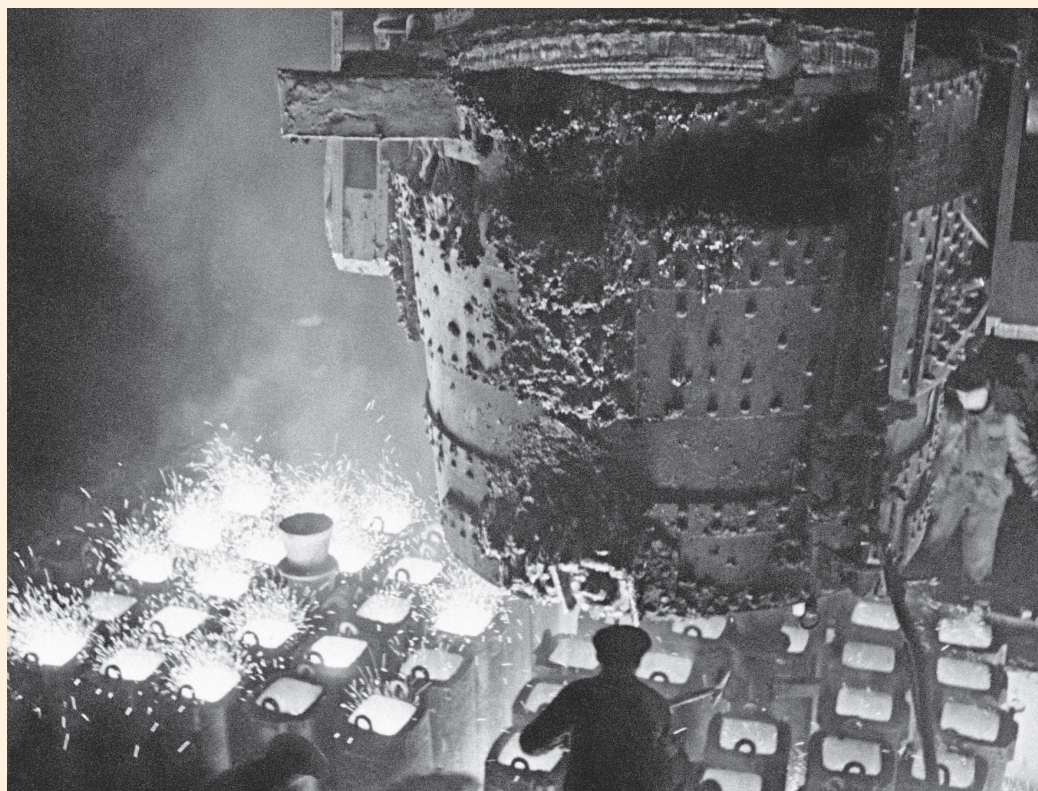
Trend of gross production in industry <sup>16, 45</sup>  
(percent)

	USSR		RSFSR	
	of previous year	of 1940	of previous year	of 1940
1946	83	77	78	83
1947	122	93	120	99
1948	126	118	125	123
1949	120	141	118	146
1950	123	173	120	175



**Gross output production by industries: 1950 <sup>17</sup>**  
(percent of 1940)

	USSR	RSFSR
Industry	173	175
including:		
electric-power	187	200
fuel	145	186
ferrous metallurgy	177	245
non-ferrous metallurgy	208	216
chemical and petrochemical	196	210
metal fabrication	215	221
forest, timber and paper and board	137	130
construction materials	217	201
glass and porcelain	197	213
food production	97	97
consumer goods manufacturing	112	112



*Moscow steel plant «Serp I Molot», 1950*

## Production of selected products

	USSR					RSFSR				
	1946	1947	1948	1949	1950	1946	1947	1948	1949	1950
Electric energy, bln. kWh	48.6	56.5	66.3	78.3	91.2	36.9	41.9	47.6	55.1	63.4
Coal, mln. tons	164	183	208	236	261	111	120	132	146	160
Crude oil (including gas condensates) mln. tons	21.7	26.0	29.2	33.4	37.9	7.3	9.6	11.6	14.7	18.2
Gas (natural), mln. cu.m	3902	4830	5221	5398	5761	1736	2210	2608	2710	2867
Iron ore, mln. tons	19.3	23.3	28.0	32.6	39.7	13.3	14.2	15.8	17.0	18.6
Pig iron, mln. tons	9.9	11.2	13.7	16.4	19.2	6.9	7.4	8.4	9.3	10.0
Steel, mln. tons	13.3	14.5	18.6	23.3	27.3	10.9	11.8	13.9	16.5	18.5
Rolled ferrous metal, mln. tons	9.6	11.1	14.2	18.0	20.9	7.9	8.8	10.3	12.1	13.7
of which finished steel	8.3	9.5	12.2	15.4	18.0	6.9	7.7	9.0	10.6	11.9
Steel pipes, thou. tons	796	950	1324	1728	2001	576	652	774	951	1079
Synthetic ammonia, thou. tons	266	333	401	486	566	205	248	274	306	334
Sulphuric acid in monohydrate, thou. tons	725	996	1479	1845	2125	584	796	1109	1343	1491
Chlorohydric acid, thou. tons	47.8	61.4	81.7	115	133	40.5	52.7	66.0	93.3	111
Calcined soda 100%, thou. tons	244	322	465	611	711	92.9	115	130	150	179
Caustic soda 100%, thou. tons	129	164	206	261	299	104	135	164	205	239
Apatite concentrate, thou. tons	486	810	981	1198	1482	486	810	981	1198	1482
Drying oils natural, thou. tons	3.2	7.1	6.7	11.2	15.0	2.4	6.5	5.9	9.2	11.2
Artificial and semi-artificial boiled oil (mixed), thou. tons	21.3	34.2	51.8	84.0	104	17.6	28.4	44.8	65.6	81.3
Synthetic dyes, thou. tons	19.6	28.3	38.3	42.9	47.1	16.8	23.6	31.1	34.1	37.1
Mineral fertilizers, (in equivalent of conditional units), thou. tons	1711	2358	3471	4589	5497	...	...	...	...	3093
Superphosphate (standard), thou. tons	563	806	1424	1961	2413	319	432	737	890	1049
Automobile tyres, thou. pcs.	1988	2954	4072	5680	7401	1967	2901	3995	5551	7206
including «Gigant» tyres	963	1601	2230	3621	4989	957	1583	2201	3567	4887

Continuation

	USSR					RSFSR				
	1946	1947	1948	1949	1950	1946	1947	1948	1949	1950
Rubber footwear, mln. pairs	30.8	51.3	71.1	91.8	110	29.3	48.5	67.3	86.3	103
Excavators, units	76	630	1832	2754	3540	67	508	1532	2452	3248
Cargo main-line cars, thou. units.	17.3	23.8	30.5	43.6	50.8	11.9	14.9	19.8	27.9	32.5
Cargo vehicles, thou. units	94.6	121	174	227	294	94.6	121	172	215	274
Passenger cars, thou. units	6.3	9.6	20.2	45.7	64.6	6.3	9.6	20.2	45.7	64.6
Buses, units	1310	2098	2973	3477	3939	1310	2098	2973	3477	3939
Tractors, thou. units	13.3	27.9	56.9	93.3	117	10.8	22.1	44.2	75.2	94.0
Tractor ploughs, thou. units	14.9	27.0	61.7	96.0	121.9	13.6	17.6	33.9	60.1	81.0
Tractor cultivator, thou. units	15.8	33.4	43.8	59.3	98.9	12.2	21.1	30.6	44.5	78.2
Timber removal, mln. dense cu. m	19.6	24.2	32.7	42.8	49.5	...	...	...	...	37.1
Sawn wood, thou. cu. m	252	309	435	573	658	...	...	...	...	417
Paper pulp, thou. tons	328	508	689	947	1100	314	490	648	879	1009



Automobile Plant named after Molotov. 1948

Continuation

	USSR					RSFSR				
	1946	1947	1948	1949	1950	1946	1947	1948	1949	1950
Paper, thou. tons	517	648	779	995	1193	463	575	669	844	980
Cardboard, thou. tons	97.5	141	181	232	292	83	117	148	183	234
Cement, mln. tons	3.4	4.7	6.5	8.1	10.2	2.0	3.0	4.1	5.1	6.6
Building bricks, bln. standard bricks	3.2	4.1	6.1	8.2	10.2	2.0	2.5	3.7	5.0	6.1
Soft roofing materials, mln. sq. m	126	166	200	238	286	...	...	...	...	180
Asbestos-cement sheets (slate), mln. conventional tiles	170	243	329	451	546	...	...	...	...	329
Window glass, mln. sq. m	39.9	47.8	59.0	71.5	76.9	19.9	24.5	29.4	38.1	42.1
Cotton fabrics, mln. linear m	1901	2541	3150	3601	3899	1730	2315	2872	3286	3537
Woolen fabrics, mln. linear m	70.9	95.0	124	149	155	63.6	83.0	106	127	132
Linen fabrics, mln. linear m	113	141	184	226	282	108	132	168	203	251
Silk fabrics, mln. linear m	48.7	66.4	81.7	105	130	34.0	47.7	61.9	78.7	94.0
Hosiery, mln. pairs	134	197	282	375	473	99.2	139	187	232	272
Footwear, mln. pairs	81.2	113	134	164	203	61.0	82.0	94.5	113	136
Sugar, thou. tons	466	981	1666	2042	2523	51.5	170	335	343	429
Meat (excluding collective farms production, including by-products of first category)*, thou. tons	793	815	1016	1149	1556	...	...	...	...	928
Butter*, thou. tons	186	218	292	317	336	118	134	173	192	197
Vegetable oil*, thou. tons	326	403	549	722	819	132	162	229	322	363
Flour, mln. tons	11.1**	9.5**	13.7**	13.2**	22	...	...	...	...	13.5
Groats, thou. tons	906**	889**	1139**	1133**	1131**	...	...	...	...	849
Bread and bakery products, mln. tons	13.5	11.9	16.7	16.9	18.7	...	...	...	...	13.1
Preserves, mln. convention cans	583	669	868	1162	1535	...	...	...	...	757
Alcohol, mln. dkl	33.6	36.5	54.9	68.7	73.0	19.6	22.3	29.4	38.7	39.2
Salt-extraction, mln. tons	3.2	3.9	4.8	4.8	4.5	1.6	1.8	2.1	2.2	2.0
Soap (in equivalent of 40%), thou. tons	233	297	425	726	816	174	222	305	535	571
Tobacco, thou. tons	15.6	13.2	8.6	3.0	4.2	...	...	...	...	1.3

\* Data refer to industrial production and do not include data on production by households.

\*\* From state raw.



## Agriculture

### Restoration of agriculture production up to prewar level<sup>1, 2, 27</sup>

	USSR			RSFSR		
	Prewar level of production (1940)	Year when prewar production level was reached or exceeded		Prewar level of production (1940)	Year when prewar production level was reached or exceeded	
		year	production level		year	production level
Gross agriculture output (at 1951 constant prices), bln. roubles	27.8	1952	28.0	13.5	1949	14.1*
Sown area of agriculture crops, mln. ha	150.4	1951	153.0	92.1	1951	94.5
including:						
cereals and legumes	110.5	1954	112.1	70.1	1954	72.5
industrial crops	11.8	1950	12.2	6.2	1950	6.2
of them:						
sugar beet	1.23	1948	1.28	0.34	1949	0.34
sunflowers	3.54	1949	3.65	2.45	1953	2.58
potatoes and melons	10.0	1945	10.6	5.3	1943	5.6
of which potatoes	7.7	1945	8.3	4.1	1945	5.1
forage crops	18.1	1950	20.7	10.4	1950	11.8
Gross yield in establishments of all types:						
cereals and legumes, mln. tons	95.5	1955	103.7	55.6	1954	56.3
sugar beets, mln. tons	18.0	1950	20.8	3.2	1950	3.6
flax, thou. tons	349	1955	381	239	1956	305
sunflower seeds, thou. tons	2636	1953	2630	1430	1955	1960
potatoes, mln. tons	75.9	1948	95.0	36.4	1947	42.5
vegetables, mln. tons	13.7	1947	14.9	6.4	1947	8.4
Livestock in all categories of establishments (end of year), mln. heads:						
cattle	54.5	1948	54.8	27.8	1948	29.7
including cows	27.8	1956	29.0	14.2	1955	14.7
pigs	27.5	1952	28.5	12.1	1951	13.9
sheep and goats	91.6	1949	93.6	51.2	1951	53.3

Continuation

	USSR			RSFSR		
	Prewar level of production (1940)	Year when prewar production level was reached or exceeded		Prewar level of production (1940)	Year when prewar production level was reached or exceeded	
		year	production level		year	production level

Production of main livestock products in all categories of establishments, thou. tons:

livestock and poultry for slaughter (slaughter weight)	4695	1950	4867	2373	1950	2646
milk	33640	1949	34898	17832	1947	18562
wool	161	1949	163	98	1951	101
eggs, mln. pcs.	12214	1951	13252	6577	1951	7130

\* Calculation.



Hero of Socialist Labor P. Varivoda, Altay Territory. 1946

## Construction

«Large-scale capital construction took place in post-war years.

6200 large state-owned industrial enterprises were built and rebuilt in 1946-1950 that have been destroyed during the war. Nizhne-Turinskaya, Shchekinskaya district Heating Power Stations, Hramskaya and Farkhadskaya Hydro Power Stations, Niva HPS III came into commission. Zakavkazskiy Metallurgical Plant, Ust-Kamenogorsk Lead-Zinc Plant and Kanaker Aluminum Plant were put into operation.

In chemical industry Dzhambul and Kokand Superphosphate Plants, Tashkent Paint and Lacquer Factory went into operation; in mechanical engineering Kaluga Turbine Plant, Kolomna Heavy Machine Tool Plant, Ryazan Machine Tool and Kutaisi Automobile Plants, Baku Electric Machinery Plant, Krasnoyarsk and Fergana Hydrolysis plants, Baku Asbestos and Ceramics Plant started to issue production, Krasnokamsky and Angren Meat-Processing Plants were put into operation.

Very big gas pipelines Saratov-Moscow, Kohtla-Jarve-Leningrad, Dashava-Kiev were built and put into operation.

In Moscow, the fourth phase of underground was put in exploitation.

Huge work was done in the fourth five-year plan to restore industries destroyed during the war. In Ukrainian SSR were restored Dnieper HPS named after V.I. Lenin, steel mills of the south part of country, among them: Zaporozhskiy, Donetskii and Makeyevskiy metallurgical plants; a large number of coal mines and other enterprises were built and restored»<sup>32</sup>.

### Capital investments of state and cooperative enterprises and establishments <sup>10, 11</sup>

(without cost of design and exploration works; at July 1, 1955 estimated prices;  
bln. roubles)

	USSR	RSFSR
1946–1950	326.5	204.7
1946	46.8	28.8
1947	50.8	30.7
1948	62.1	38.6
1949	76.0	48.0
1950	90.8	58.6

### Commissioning of the most important production capacities by capital construction

(newly built and reconstructed)

	1946	1947	1948	1949	1950
<b>USSR</b>					
Capacities for extraction, thou. tons:					
coal	15070	16943	18943	32000	24362
iron ore	2900	4350	3375	4550	7550
Capacities for production, thou. tons:					
cast iron	1655	1130	1475	2635	2050
steel	1024	982	2415	2344	2106
ferrous metals (finished)	656	1254	1296	850	1554
coke	1977	1576	3204	3088	1933
cement	953	825	1537	1910	1045
sugar, thou. centners of processed beet	99.3	181.2	151.4	188.3	223.9
<b>RSFSR</b>					
Capacities for extraction, thou. tons:					
coal	7290	6982	7945	12705	9320
iron ore	1120	1220	1575	800	1050
Capacities for production, thou. tons:					
cast iron	70	300	-	-	300
steel	480	337	495	626	851
ferrous metals (finished)	187	162	39	615	35
coke	-	-	570	-	420
cement	908	457	715	1608	795
sugar, thou. centners of processed beet	9.4	37.5	16.9	50.6	70.6

### Construction of primary, lower secondary and secondary schools <sup>10, 11, \*</sup>

	USSR		RSFSR	
	Built and put into operation by state construction program, total		Built and put into operation by state construction program, total	
	Number of schools	in which studying places, thous.	Number of schools	in which studying places, thous.
1946–1950	4345**	1181**	2735***	688***
1946	1122	299	752	183
1947	815	193	524	107
1948	769	195	435	96
1949	720	214	409	120
1950	919	280	615	182

\* Including the reconstruction of destroyed schools.

\*\* Besides, in 1946–1950 by initiative and at the expenses of kolkhozes 14193 schools having 1289 thou. studying places were built and put into operation.

\*\*\* Besides, in 1946–1950 by initiative and at the expenses of kolkhozes 5820 schools having 493 thou. studying places were built and put into operation.

### Commissioning of hospitals and clinics, kindergartens and day-nurseries <sup>10, 11, 33, \*</sup>

	Put into operation by state construction program		
	hospitals and clinics, thou. beds	kindergartens, thou. places	day-nurseries, thou. places
<b>USSR</b>			
1946–1950	63.5	65.4	36.4
1946	12.3	6.9	3.2
1947	14.4	8.1	4.1
1948	13.5	9.7	6.2
1949	12.3	17.8	9.5
1950	11.0	22.9	13.4
<b>RSFSR**</b>			
1946–1950	23.5***	29.4	22.4

\* Including restoration.

\*\* Data for some years are missing.

\*\*\* 41,3 thou. beds were built and put into operation by state, collective, public, cooperative enterprises and organizations, joint stock societies, economic associations.



*Construction of dwelling-houses in Gorky Street in Moscow. 1946*

### Capital investments of state and cooperative enterprises and establishments in dwelling construction <sup>10, 11, 12</sup>

(without cost of design and exploration works;  
at July 1, 1955 estimated prices; bln. roubles)

	USSR	RSFSR*
1946–1950	42.9	28.2
1946	...	3.4
1947	...	4.0
1948	...	5.4
1949	...	6.7
1950	...	8.7

\* Taking into account new 1962 unit prices, at prices as of 01.01.1962.

### Dwelling construction <sup>10, 11, \*</sup>

(mln. sq. m of total area)

	Built and put into operation by state and cooperative organizations (without collective farms) and urban population, total	including	
		state enterprises, establishments and local governing bodies	urban population at its own expenses and using state loans
<b>USSR</b>			
1946–1950	102.8	72.4	30.4
1946	17.4	12.6	4.8
1947	18.2	11.8	6.4
1948	21.1	14.7	6.4
1949	21.9	15.5	6.4
1950	24.2	17.8	6.4
<b>RSFSR</b>			
1946–1950	61.0	45.0	16.0
1946	9.5	7.0	2.5
1947	10.6	7.3	3.3
1948	12.3	9.0	3.3
1949	13.1	9.8	3.3
1950	15.5	11.9	3.6

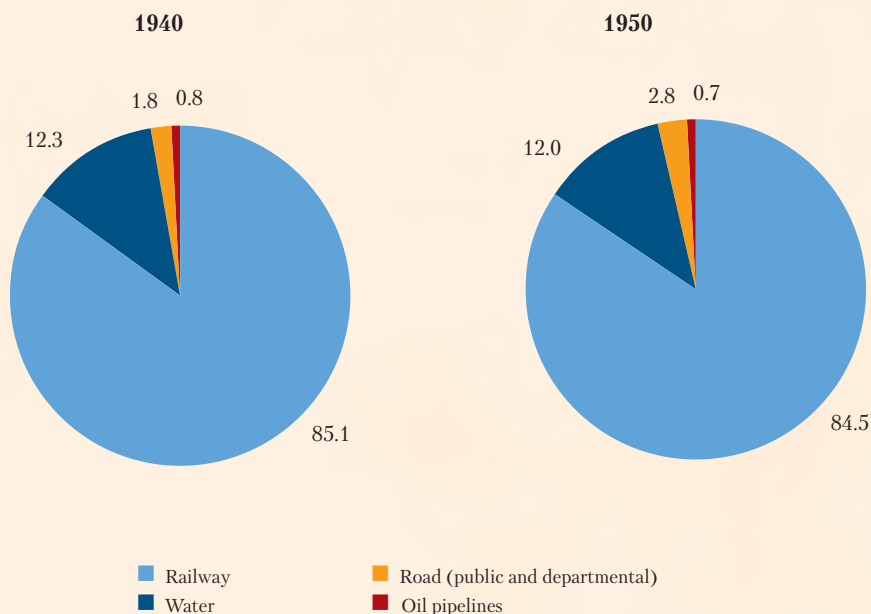
\* Including restoration.

## Transport and Communication

Freight turnover for all types of transport in USSR: 1950 <sup>10</sup>  
(percent of 1940)

1950	All types of transport	including			
		railway	water	road (public and departmental)	oil pipelines
146	146	145	144	226	129

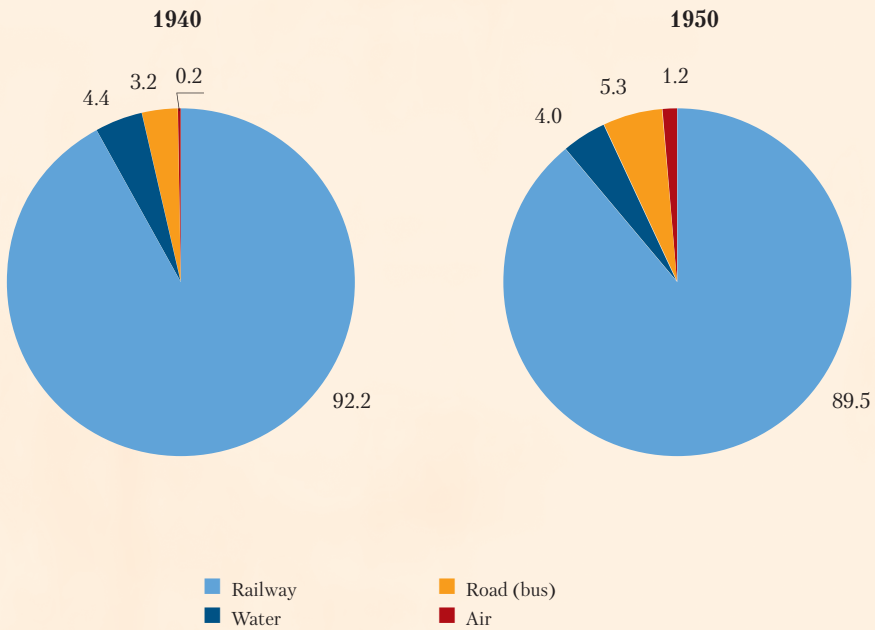
Share of different types of transport in freight turnover of USSR <sup>10</sup>  
(percent)



**Passenger turnover of all types of transport in USSR: 1950 <sup>10</sup>**  
(in percent to 1940)

1950	All types of transport	including			
		railway	water	road (bus)	air
92	90	84	152	674	

**Share of different types of transport in passenger turnover of USSR <sup>10</sup>**  
(percent)





### Main indicators of railway transport of Ministry of Railways of USSR<sup>10</sup>

	1940	1950
Operational length of railways (end of year), thou. km	106.1	116.9
including electrified railroads	1.9	3.0
Cargo carried by public railways network, total, mln. tons	592.6	834.3
Freight turnover of public railways network, total, bln. tariff ton-km	415.0	602.3
Passengers carried by all types of railways, mln. persons	1343.5	1163.8
Passenger turnover of all types of railways, bln. passenger-km	98.0	88.0

In addition to this operational length of public railroad network, there are approaching lines of industrial enterprises and organizations; at the beginning of 1955 the length of this nonpublic railroad network was 78,3 thou. km.

### Freight structure of different cargo carried by railways in USSR<sup>10</sup> (percent)

	Structure of freight railways		Structure of freight turnover of railways		Average haul of one ton of cargo by railways, km	
	1940	1950	1940	1950	1940	1950
Cargo carried by railways network, total	100	100	100	100	700	722
including:						
coal and coke	26	32	26	29	701	670
oil	5	5	9	9	1234	1205
ferrous metals (including scrap)	5	5	6	8	966	1095
forest	7	9	11	12	1019	998
grain	7	5	8	5	736	795
ore	6	6	5	5	612*	574*
firewood	4	2	1	1	252	241
mineral building materials	19	19	7	8	253	296
other cargo	21	17	27	23	-	-

\* Including pyrites.

**Main indicators of river transport of USSR <sup>17</sup>**

(Ministry of River Fleet of USSR and Managements of River Transport of Soviet Republics)

	1940	1950
Length of navigable inland waterways, total, thou. km	107.3	130.2
Fright turnover, bln. ton-km	36.1	46.2
Cargo carriage, mln. tons	73.1	91.8
Passenger turnover, bln. passenger-km	3.8	2.7
Passenger carriage, mln. persons	73.0	53.6

**Main indicators of sea transport of USSR <sup>17, \*</sup>**

	1940	1950
Fright turnover, bln. ton-km	23.8	39.7
Cargo carriage, mln. tons	31.2	33.7
Passenger turnover, bln. passenger-km	0.9	1.2
Passenger carriage, mln. persons	9.6	7.9

\* Data source: Ministry of Marine of USSR. Without Central Asian Shipping Company.

**Main indicators of road transport  
in economy of USSR <sup>10</sup>**

	1940	1950
Length of hard-surface roads, thou. km	143.4	177.3
Cargo carriage:		
mln. tons	858.6	1859.2
percent of 1940	100	217
Fright turnover:		
bln. ton-km	8.9	20.1
percent of 1940	100	226

### Main indicators of public road transport of Ministry of Road Transport and Highways of USSR <sup>10</sup>

	1940	1950
Cargo carriage:		
mln. tons	15.5	46.4
percent of 1940	100	299
Fright turnover:		
bln. ton-km	266	927
percent of 1940	100	349
Passenger carriage		
mln. persons	590	1053
percent of 1940	100	179
Passenger turnover		
bln. passenger-km	3.4	5.2
percent of 1940	100	152

### Main indicators of communication in USSR <sup>10</sup>

	1940	1950
Number of post, telegraph and telephone enterprises, thou. units	51	51
Length of postal routes, thou. km	1422	1541
Dispatch, mln. pcs.:		
letters	2609	2607
parcels	45.5	43.5
newspapers and magazines	6708	5877
money transfers	96	205
telegrams	141	154
Number of long-distance calls, mln.	93	103
Number of receiving devices, mln. pcs.	6.98	11.47
of which:		
radio	1.12	1.77
TV	-	0.01

## Finance

### State budgets of USSR and RSFSR: 1950<sup>13, \*</sup> (bln. roubles)

	USSR	RSFSR**
Revenues – total	42.3	5.5
including:		
turnover tax	23.6	1.2
profit tax	4.0	0.9
income tax and tax on cooperative and public enterprises and organizations	0.6	0.3
government loans	3.1	0.7
of which sold to population	2.7	0.7
state taxes on population	3.6	1.2
state social insurance funds	2.0	0.4
Of total revenues received from socialist economy	35.4	...
Expenditures – total	41.3	5.4
including:		
on national economy	15.8	1.1
on social and cultural functions	11.7	3.7
of which:		
education	5.7	2.1
healthcare and physical culture	2.1	1.2
state allowances to mothers with many children and single mothers	0.4	-***
social maintenance	2.2	0.4
of which from state social insurance funds	0.5	0.4
state social insurance	1.3	-
national defense	8.3	-
public administration	1.4	0.5

\* Taking into account the 1947 monetary reform: 10 roubles of old cash were changed to 1 new rouble.

\*\* Excluding revenues and expenditures of State budget of RSFSR derived from State budget of USSR.

\*\*\* Payments of allowances to mothers with many children and single mothers until 1960 were made from budget of USSR.

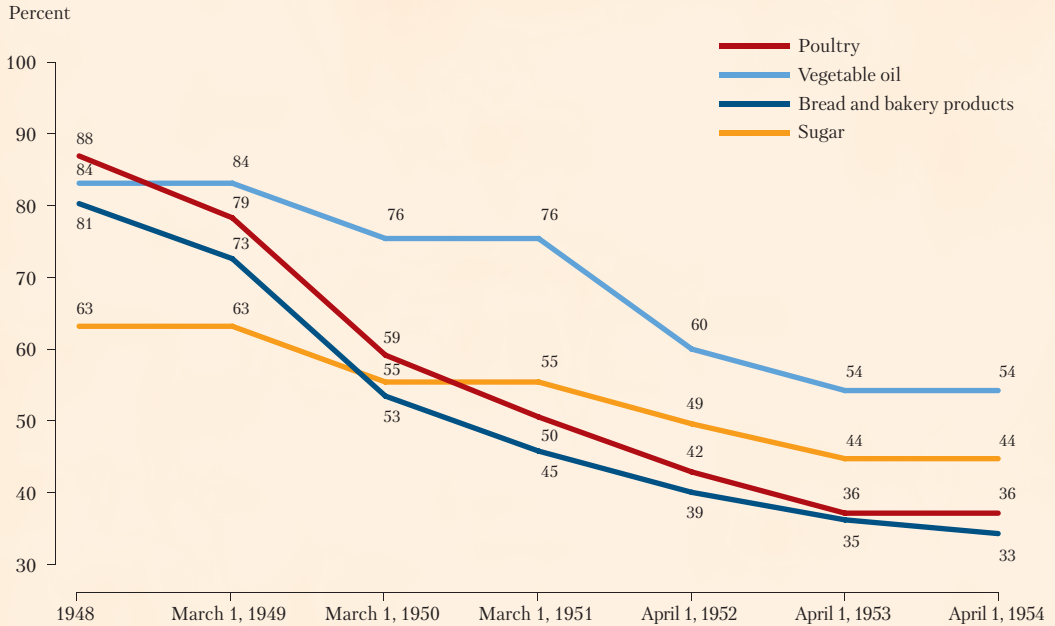
## Prices

### Indices of state retail prices in USSR (different stages of price reduction) <sup>9</sup>

(percent of Q4, 1947)

	1948	1 March 1949	1 March 1950	1 March 1951	1 April 1952	1 April 1953	1 April 1954
All products	83	71	57	53	50	45	43
Food products	82	68	53	48	43	38	38
of which:							
bread and bakery products	81	73	53	45	39	35	33
meat and poultry	88	79	59	50	42	36	36
sausage products	85	76	57	49	41	35	35
fish and herring	80	72	60	54	54	49	49
butter	80	72	48	41	37	33	33
vegetable oil	84	84	76	76	60	54	54
sugar	63	63	55	55	49	44	44
confectionary	63	62	53	52	45	40	40
vodka and alcoholic beverages	83	58	48	43	43	38	38
Non-food products	86	78	65	63	62	57	53
of which:							
cotton fabrics	78	78	66	66	66	56	48
woolen fabrics and shawls	127	115	95	95	95	89	89
silk and linen fabrics	88	79	73	73	73	69	67
apparel	111	104	89	89	89	84	82
knitwear	83	83	76	76	76	73	68
hosiery	89	85	71	71	71	57	48
leather footwear	73	70	59	59	59	53	48
rubber footwear	29	29	26	26	26	23	20
tobacco products	64	57	46	41	41	39	39
matches	76	76	57	46	46	38	30

**Indices of state retail prices in USSR (different stages of price reduction)  
by groups of foodstuff<sup>9</sup>**  
(Q 4, 1947 = 100)



Foodstore in Moscow. 1950



# **Living conditions, provision of pensions and specific measures of population social support**







## Monetary income of population, their use and social payments

### Average monthly accrued salary of workers and office workers by branches of economy <sup>34</sup> (roubles)

	USSR			RSFSR		
	1940	1945	1950	1940	1945	1950
Total	33.1	43.9	64.2	33.9	44.9	65.7
Industry	34.1	47.8	70.8	34.5	48.2	71.1
Agriculture	23.3	23.5	39.5	23.4	23.4	39.6
Forestry	18.2	17.3	34.0	19.0	17.8	34.2
Transport	34.8	48.6	70.7	35.6	49.2	72.8
including:						
railway	34.2	52.9	72.7	35.1	53.4	74.2
water	41.2	49.9	79.1	40.9	48.7	80.2
road, city electric and other transport; loading-unloading operations	34.5	41.2	67.5	35.4	42.5	70.1
Communication	28.2	35.6	52.9	28.7	36.6	54.7
Constriction	36.3	44.9	65.6	36.8	44.5	65.6
Trade and catering consumption; material and technical supply and distribution; procurement	25.0	27.1	47.0	25.2	26.7	47.7
Housing and utilities; non-production types of utility services for population	26.1	31.1	49.2	26.2	31.3	50.7
Healthcare, physical training and social security	25.5	39.4	48.6	25.4	39.3	48.6
Education	33.1	48.4	68.9	34.0	46.4	68.1
Culture	22.3	29.6	39.9	22.7	29.4	41.8
Art	39.1	47.8	55.9	39.5	47.3	57.3
Science and scientific services	47.1	66.3	93.7	49.0	66.9	97.9
Credit activities and public insurance	33.4	51.6	66.8	33.8	52.0	68.1
Management of state and maintenance, cooperative and public organizations	39.0	50.9	68.8	39.7	52.6	72.0

**Population deposits in saving banks of USSR <sup>1, 15</sup>**  
(end of year)

	1940	1941	1942	1943	1944	1945	1950
Number of saving banks – total, thou.	41.6	21.4	20.3	23.5	26.8	30.2	40.3
including:							
in cities and urban-type settlement	10.3	4.5	4.6	5.3	6.3	7.1	11.2
in rural area	31.3	16.9	15.7	18.2	20.5	23.1	29.1
Number of deposits – total, mln.	17.3	9.7	9.2	4.2*	4.1	5.0	14.3
including:							
in cities and urban-type settlement	11.6	6.0	5.8	2.5	2.7	3.5	10.4
in rural area	5.8	3.6	3.3	1.7	1.5	1.6	3.9
Amount of deposits – total, mln. roubles	7253	4960	4410	4405	5232	9001	1853**
including:							
in cities and urban-type settlement	5762	3936	3406	3457	4296	8181	1647
in rural area	1491	1024	1004	948	936	820	206

\* Deposits up to 100 roubles, that laid idle in banks since July 23, 1941, were transferred to accumulated accounts.

\*\* Taking into account the 1947 monetary reform: 10 roubles of old cash were changed to one new rouble.



*Cashier of remittance operations of the Vyborg savings-bank. 1940*

**Average monthly money income and cash balances of population  
in USSR <sup>41</sup>**  
(bln. roubles)

	1940	1947	1949	1950
Average monthly money income	19.0	47.4	37.9	41.1
Cash balances of population	28.2	26.5	43.5	51.3
including:				
cash balance of population at end of year	20.0	10.8	24.8	29.8
savings balance of population (deposits and loan at interest of 3 percent)	8.2	15.7	18.7	21.5
Cash balance as a percent of average monthly income	148.4	55.9	114.8	124.8

**Growth of payments and privileges received by population from the state budget  
and at the expense of enterprises in USSR <sup>30</sup>**  
(bln. roubles)

	Total payments and privileges	including pensions and benefits
1940	42	7
1946	80	26
1950	122	35

Benefits on social insurance of workers and office workers, pensions on social security, allowances to large families and single mothers, regular student stipends were paid at the expenses of state funds. Also free medical care, free and vouchers with reduced price for sanatoriums and rest homes, as well as some other payments and privileges were provided to population.



**Budget of state social insurance of USSR** <sup>1, 13</sup>  
(mln. roubles)

	1940	1941	1942	1943	1944	1945	1950*
Revenues – total	8623	6955	5296	6320	8225	9577	...
including insurance premiums	8378	6789	5218	6242	8112	9408	...
Expenses – total	7025	5373	4287	4613	5958	7539	1867
including:							
grants	2633	1952	1814	1855	2460	3093	727
including:							
on temporary disability	2036	1538	1601	1713	2234	2659	542
on maternity allowance	528	372	181	102	166	356	176
pensions	2636	2463	2180	2290	2791	3227	814
sanatorium and health-resort services of workers and office workers and alimentary therapy	1077	445	34	79	245	505	185
of which:							
expenses on acquisition of vouchers in rest houses, sanatoria, mountaineering camps	876	371	4	30	119	315	...
expenses on construction and equipment of rest houses, sanatoria, tourist centers and mountaineering camps	109	36	15	25	85	129	...
service of children (child care facilities, summer camps, out-of-school service of children)	380	198	40	105	163	261	96

\* Taking into account the 1947 monetary reform: 10 roubles of old cash were changed to one new rouble.

## Social guarantees

### Main social guarantees approved by Council of People's Commissars of USSR

(as of February 1; roubles)

1944

#### Pensions (monthly)\*

Common soldier:

who became disabled because of injuries, contusions or injuries sustained during defense of the Soviet Union, other military duties or diseases related to being at front

unrelated to agriculture	
to disabled people of group I	150
to disabled people of group II	120
to disabled people of group III	90
related to agriculture	
to disabled people of group I	120
to disabled people of group II	96
to disabled people of group III	72
who became disabled because of accidents not related to military service or diseases not related to being at front	
unrelated to agriculture	
to disabled people of group I	120
to disabled people of group II	100
to disabled people of group III	70
related to agriculture	
to disabled people of group I	96
to disabled people of group II	80
to disabled people of group III	56

#### Grants\*

Disabled veterans receiving pensions in case of birth of their child received:

maintenance grant to newborn care	45
grant to feeding of child:	
first part of grant (it was paid together with a maintenance grant to newborn care in day of presentation of necessary documents)	50
second part (it was paid when a child reached the age of five months)	40
Disabled veterans receiving pension in case of death of family member, who was in dependence, received benefit to burial:	
in case of funerals in urban area, working suburbs, new building area or working settlements	
for persons older than 10 years	40
for persons younger than 10 years	20
in case of funerals in rural area	
for persons older than 10 years	20
for persons younger than 10 years	10

Continuation

1944

Student stipends \*\*  
(to successful students since September 1, 1943)

To students of higher educational institutions

attending the most important industrial and transport higher educational institutions (except underground, hot working condition and chemical specialties), according to the appendix No. 1 provided in the Resolution of Council of People's Commissars of the USSR of September 15, 1943 No. 996

first year students	210
---------------------	-----

second year students	240
----------------------	-----

third year students	275
---------------------	-----

forth year students	275
---------------------	-----

fifth year students	315
---------------------	-----

attending industrial and transport (except listed in the appendix No. 1 of the Resolution of Council of People's Commissars of the USSR of September 15, 1943 No. 996), agricultural, pedagogical, medical and other higher educational institutions

first year students	140
---------------------	-----

second year students	160
----------------------	-----

third year students	185
---------------------	-----

forth year students	185
---------------------	-----

fifth year students	210
---------------------	-----

To students of elementary vocational training

of the most important industrial and transport elementary vocational training (except underground, hot working condition and chemical specialties), according to the appendix No. 2 provided in the Resolution of the Council of People's Commissars of the USSR of September 15, 1943 No. 996

first year students	125
---------------------	-----

second year students	150
----------------------	-----

third year students	175
---------------------	-----

forth year students	200
---------------------	-----

of industrial and transport (except listed in the appendix No. 2 of the Resolution of the Council of People's Commissars of the USSR of September 15, 1943 No. 996), agricultural, pedagogical, medical and other elementary vocational training

first year students	80
---------------------	----

second year students	100
----------------------	-----

third year students	120
---------------------	-----

forth year students	140
---------------------	-----

To graduate students

of higher educational institutions and research institutes of Academy of Sciences of the USSR

700
-----

of other higher educational institutions and research institutes

600
-----

\* In accordance with the Resolution of the Council of People's Commissars of the USSR of January 31, 1944 No. 101 «On approval of instruction on procedure for appointment and payment of disability pensions to privates, sergeants and sergeant-majors».

\*\* In accordance with the Resolution of the Council of People's Commissars of the USSR of September 15, 1943 No. 996 «On amount and designation of student stipends at higher educational institutions and elementary vocational training and acquittance of students to serve in the Red Army».

## Motherhood and Childhood

In Soviet Russia, in accordance with the Decree of 14 (27) November 1917 «On maternity allowance», adopted by the Council of People's Commissars (CPC), was introduced maternity leave. According to this Decree women had a right on retention of position and paid maternity leave of 112 days (8 weeks before and 8 weeks after childbirth). That is why in Russia and former Soviet republics the maternity leave is called «Decree leave».

Thus, in accordance with the Charter of agricultural team the women working in kolkhozes were exempted from work for one month before and one month after childbirth retaining them during these two months a half of rate of average production of their workdays.

During the Great Patriotic War the state has assumed the child maintenance costs of children of single mothers by giving them cash benefits, or taking them to a free education in children's homes. It was established that the state allowance for maintenance and education of children was given to single mothers when a child reached the age of 12.

Measures directed on encouragement of possession of many children and protection of motherhood and childhood were applied. The honorary title «Mother heroine» was entered, were established awards «Maternal Glory» and «Motherhood Medal». Decree of July 08, 1944 established welfare payment to mothers with many children since the birth of third child, not the seventh as previously. Sums of lump money and monthly allowance increased with birth of each subsequent child.

### Expenditures of state budget of USSR on payment of benefits for mothers, education and childcare<sup>4, \*</sup> (mln. roubles)

	1940	1950
Grants on women with many children and single mothers	123	366
Grants on maternity allowance	56	176
Expenditures on childcare in children's homes, gardens, nurseries, summer camps and facilities for extracurricular work with children	423	1294
Expenditures on primary, lower secondary and secondary schools, boarding schools (without schools for working and rural youth and adult schools)	886	2012

\* Taking into account the 1947 monetary reform: 10 roubles of old cash were changed to one new rouble.

**Number of mothers with many children who received monthly allowances in USSR <sup>4</sup>**  
(end of year; thou.)

	1945	1950
Total number of mothers with many children	844	3079
including:		
with four children	287	1449
with five children	181	839
with six children	100	440
with seven children	276	351

Mothers with many children having two children at the birth of third child and each following received from the state a lump sum, but having three children, at the birth of fourth and each following child received monthly welfare payment.

**Therapeutic and preventive care for women and children <sup>5</sup>**  
(end of year)

	USSR		RSFSR	
	1940	1950	1940	1950
Number of maternity welfare centers, child health clinics and polyclinics (independent and part of other establishments)	8603	12021	4917	6761
Number of medical and obstetric beds for pregnant women and women in childbirth	147132	142985	90659	82729
Number of obstetricians and gynecologists, persons	10620	16624	6291	9879
Number of pediatricians, persons	19358	32105	12430	20483



*Nursing mothers near House of mother and child at Kirov Islands, Leningrad. 1947*

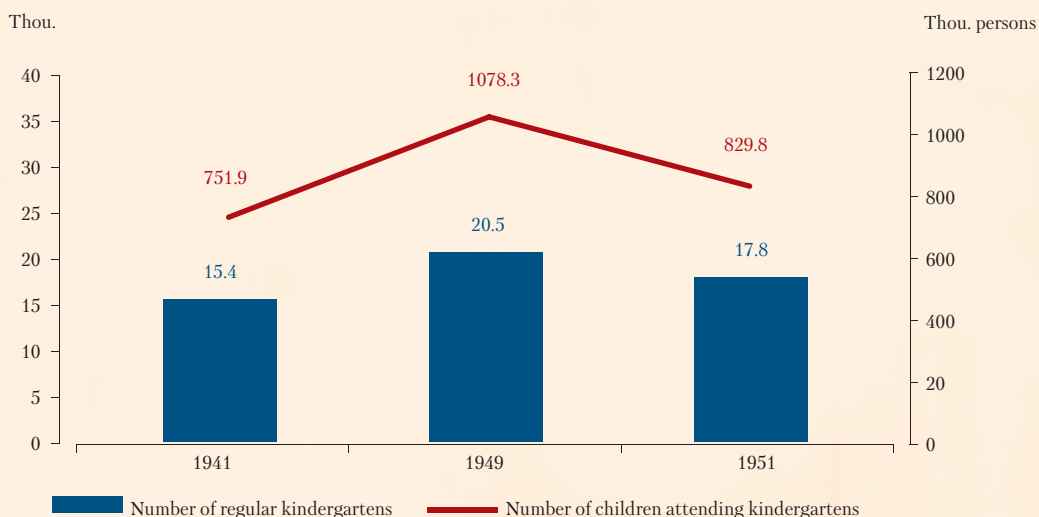


## Education

### Kindergartens in USSR <sup>1</sup> (end of year)

	1940	1941	1942	1943	1944	1945	1955
Number of regular kindergartens, thou.	24.0	14.9	18.2	22.4	27.4	28.4	31.6
in them children, thou. persons	1172	802	1226	1454	1573	1471	1731

### Kindergartens in RSFSR <sup>7</sup>



### Number of daytime primary, lower secondary and secondary schools <sup>1,7,\*</sup> (beginning of school year; thou.)

	1940/41	1941/42	1942/43	1943/44	1944/45	1945/46
Number of schools						
<b>USSR</b>	191.5	116.5	107.8	142.9	181.2	186.9
including:						
primary	125.9	79.6	73.7	96.6	124.7	131.6
lower secondary	45.7	26.6	24.6	33.5	41.3	41.7
secondary	18.8	10.0	9.3	12.4	14.6	12.8
<b>RSFSR</b>	113.9	90.6	83.0	103.6	110.8	113.5

\* Hereinafter data on primary, lower secondary and secondary schools are given without schools for working and rural youth and adult schools.

**Number of pupils and teachers in daytime primary, lower secondary and secondary schools<sup>1, 7, 25</sup>**

(beginning of school year; thou. persons)

	1940/41	1941/42	1942/43	1943/44	1944/45	1945/46
Number of pupils						
<b>USSR</b>	34784	17765	14036	17966	24656	26094
including:						
primary schools	9786	5428	4273	5570	6550	9430
lower secondary schools	12525	6649	5166	6590	8854	9558
secondary schools	12199	5643	4574	5770	7194	7021
<b>RSFSR</b>	20229	13292	10320	12464	14089	15018
Number of teachers						
<b>USSR</b>	1216	670	555	786	980	1043
<b>RSFSR</b>	700	...	...	...	...	615



*Pupils of the Moscow school named after Z. Kosmodemyanskaya in reading room of school library. 1946*

### Pupils of daytime primary, lower secondary and secondary schools by groups of grades in USSR <sup>1, \*</sup>

(beginning of school year; thou. persons)

	1940/41	1941/42	1942/43	1943/44	1944/45	1945/46
Number of pupils	34784	17765	14036	17966	24656	26094
of them studying:						
at grades 1–4	21375	11308	9127	12012	17959	19858
at grades 5–7	10767	5473	4165	5015	5594	5175
at grades 8–10	2368	939	721	903	1045	976

\* Data on pupils of other schools (auxiliary, for overages, for blind, deaf-and-dumb children, etc.) are not given in breakdown by grades.

### Primary, lower secondary and secondary schools, schools for working and rural youth and secondary schools for adults in RSFSR <sup>7</sup>

(beginning of school year)

	1940/41	1945/46	1950/51
Number of schools – total, thou.	116.8	120.1	131.3
including:			
primary, lower secondary and secondary schools	113.9	113.4	121.7
schools for working and rural youth and secondary schools for adults	2.9	6.7	9.6
Number of pupils – total, thou. persons	20619	15421	19399
including:			
primary, lower secondary and secondary schools	20229	15018	18611
schools for working and rural youth and secondary schools for adults	390	403	788



*Pupils of Moscow school during laboratory class on botanics in greenhouse. 1940*

**Higher and secondary specialized education establishments in USSR <sup>1</sup>**  
(beginning of school year)

	1940/41	1941/42	1942/43	1943/44	1944/45	1945/46
Number of higher education establishments	817	503	460	533	730	789
in them students, thou. persons	812	313	227	400	585	730
including those studied at:						
daytime and evening attendance	585	313	227	326	443	539
extramural attendance	227	...	...	74	142	191
Number of secondary specialized education establishments	3773	1950	1694	1954	2746	3169
in them students, thou. persons	975	415	316	503	812	1006
including those studied at:						
daytime and evening attendance	819	415	316	470	727	907
extramural attendance	156	...	...	33	85	101

**Higher and secondary specialized education establishments in RSFSR <sup>7</sup>**  
(beginning of school year)

	1940/41	1945/46	1950/51
Number of higher education establishments (including extramural)	481	456	516
in them students, thou. persons	478.1	456.1	796.7
Number of elementary vocational training and other secondary specialized education establishments (including extramural)	2188	1881	2005
in them students, thou. persons	594.0	657.3	810.0

**Admission to higher and secondary vocational education establishments in USSR <sup>1</sup>**  
(beginning of school year; thou. persons)

	1940/41	1941/42	1942/43	1943/44	1944/45	1945/46
Students admitted to higher education establishments	263.4	94.6	107.5	211.2	264.7	285.7
including at attendance:						
daytime and evening	161.5	94.6	107.5	167.1	174.3	176.5
extramural	101.9	...	...	44.1	90.4	109.2
Students admitted to secondary specialized education establishments	382.9	149.7	169.8	269.0	368.9	387.6
including at attendance:						
daytime and evening	331.2	149.7	169.8	253.4	332.8	352.1
extramural	51.7	...	...	15.6	36.1	35.5

**Admission to higher and secondary vocational education establishments in RSFSR <sup>7</sup>**  
(thou. persons)

	1940	1945	1950
Admitted to higher education establishments – total	154.5	172.0	223.3
including:			
to stationary	94.5	107.0	152.3
to extramural	60.0	65.0	71.0
Admitted to technical schools and other secondary specialized education establishments – total	232.6	236.2	265.8
including:			
to stationary	201.0	216.0	227.9
to extramural	31.6	20.2	37.9

**Graduation from higher and secondary vocational education establishments in USSR <sup>1</sup>**  
(thou. persons)

	1940/41	1941/42	1942/43	1943/44	1944/45	1945/46
Graduation from higher education establishments	126.1	109.3	70.2	29.7	38.2	54.6
including at attendance:						
daytime and evening	102.2	104.7	68.9	27.8	35.7	49.2
extramural	23.9	4.6	1.3*	1.9*	2.5	5.4
Graduation from secondary specialized education establishments	236.8	187.9	110.2	54.1	69.5	118.1
including at attendance:						
daytime and evening	207.8	182.9	106.2	51.0	60.9	106.2
extramural	29.0	5.0	4.0	3.1	8.6	11.9

\* Estimation.

**Graduation from higher and secondary vocational education establishments  
in RSFSR <sup>7</sup>**  
(thou. persons)

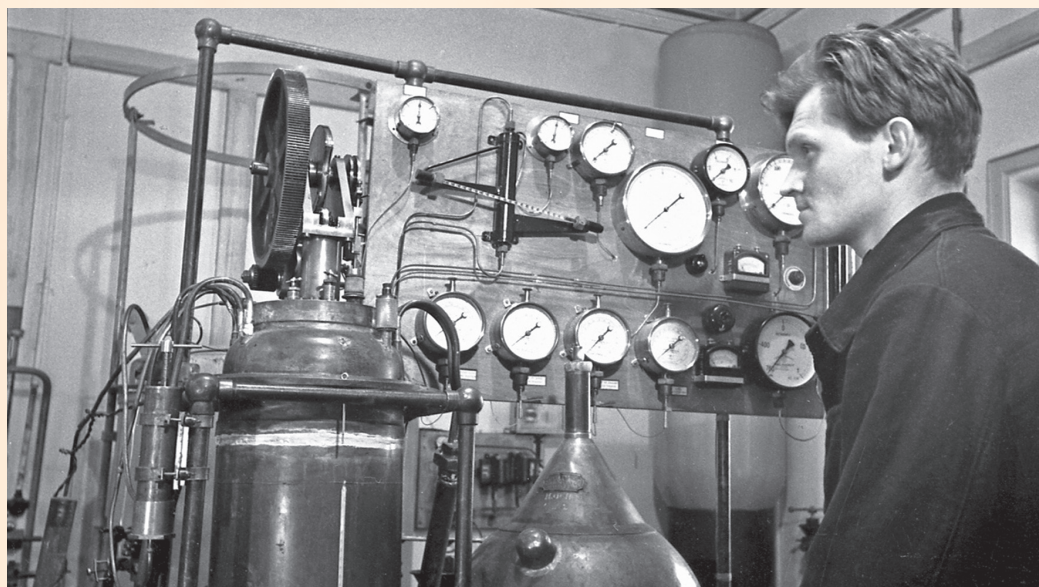
	1941–1945	1946–1950
Graduation from higher education establishments	191	405
including extramural	14	61
Graduation from technical schools and other secondary specialized education establishments	377	768
including extramural	22	65

**Postgraduate students in USSR <sup>32</sup>**

	1940	1945	1950
Number of postgraduate students – total, thou. persons	16.9	9.8	21.9
including:			
in higher education establishments	13.2	6.9	12.5
in scientific institutions	3.7	2.9	9.4
Total postgraduates, persons	1978	1366	4093
including:			
from higher education establishments	1472	1200	2461
including:			
day release	1411	1092	2281
in off-work hours	61	108	180
from scientific institutions	506	166	1632
including:			
day release	454	129	1368
in off-work hours	52	37	264

**Number of scientific institutions and number of scientists in RSFSR <sup>8</sup>**  
(end of year)

	1940	1950
Scientific institutions – total	1318	1907
including research institutes, their branches and offices	447	668
Scientists – total, persons	61872	111699



*Employee of the laboratory of the Institute for physical problems, USSR Academy of Sciences stands by the plant for production of liquid helium. 1940*

## Health care

### Number of doctors and hospital beds in USSR <sup>1</sup>

(end of year; thou.)

	1940	1941	1942	1943	1944	1945
Number of doctors (without dentists)*	140.8	69.9	78.5	91.2	108.5	126.2
Number of hospital beds (without hospitals)**	790.9	429.1	467.7	591.3	727.9	860.7
of them:						
in areas, that were temporary occupied						
Number of doctors (without dentists)*	59.4	...	...	13.3	30.0	40.5
Number of hospital beds (without hospitals)**	336	...	...	102	222	292
in rear areas						
Number of doctors (without dentists)*	37.3	45.5	52.3	47.1	41.6	43.2
Number of hospital beds (without hospitals)**	293	280	307	333	345	385

\* Without military servicemen.

\*\* Data for 1941–1944 are given without evacuation hospitals.

### Number of doctors and hospital beds in RSFSR <sup>1</sup>

(end of year; thou.)

	1940	1941	1942	1943	1944	1945
Number of doctors (without dentists)*	82.2	51.4	56.3	65.4	70.8	80.5
Number of hospital beds (without hospitals)**	482.0	339.2	374.1	455.0	476.9	543.7

\* Without military servicemen.

\*\* Data for 1941–1944 are given without evacuation hospitals.



Doctors and nurses at work. 1941

## Health resorts and cultural leisure

### Sanatoria and rest houses in USSR <sup>30</sup>

	1939	1945	1950
Number of full-time sanatoria (for adults and children)	1838	1107	2070
in them beds, thou.	240	119	255
Of total number of sanatoria – for children	972	724	1027
in them beds, thou.	97	62	95
Number of night sanatoria for adults and daytime sanatoria for children	328	496	679
in them beds, thou.	15	18	23
Number of rest houses (without one-day rest houses)	1270	516	891
in them beds, thou.	195	46	128

### Sanatoria and rest houses in RSFSR <sup>23, 26</sup>

	1939	1945	1950
The number of full-time sanatoria (for adults and children)	1043	751	1154
in them beds, thou.	135	80	141
Of total number of sanatoria – for children	544	499	585
in them beds, thou.	51	41	51
Number of rest houses (without one-day rest houses)	795	426	594
in them beds, thou.	126	37	87



**Cultural and recreational establishments** <sup>6, 10, 13, 14, 18, 19, 24, 25, 32</sup>  
(end of year)

	USSR			RSFSR		
	1940	1945	1950	1940	1945	1950
Number of theaters (professional)	908	766	545	465	384	304
Number of visits to theaters, mln.	84.2	...	68.0	53.8	40.6	42.9
Number of film projectors, thou.	28.0	14.5	42.0	17.6	10.2	27.2
including:						
stationary	15.5	9.1	21.6	9.2	6.0	14.6
mobile	12.5	5.4	20.4	8.4	4.2	12.6
Out of total number of film projectors – film projectors in rural area, thou.	19.5	8.7	32.2	12.6	6.4	20.9
including:						
stationary	8.0	3.9	13.0	5.0	2.6	9.1
mobile	11.5	4.8	19.2	7.6	3.8	11.8
Number of visits to cinemas, mln.	900	621	1144	551	335	747
Number of museums (incl. branches)	991	787	937	592	486	542
Number of visits to museums, mln.	34.3	...	26.7	25.3	...	19.0

**Clubs** <sup>1, 25</sup>  
(end of year; thou.)

	USSR			RSFSR		
	1940	1945	1950	1940	1945	1950
Number of clubs, total	118	94	125	74	56	66
Of them in rural area	108	88	116	69	52	62

**Libraries and library stock** <sup>1, 25</sup>  
(end of year)

	USSR			RSFSR		
	1940	1945	1950	1940	1945	1950
Number of popular libraries, thou.	95	47	123	56	31	59
of them in rural area	77	38	102	46	24	48
Number of books in popular libraries, mln. pcs.	200	109	268	124	84	159
of them in rural area	64	31	99	43	23	58

## Living conditions of population

### Housing stock in cities and urban-type settlements <sup>18</sup>

(end of year; mln. square meters of total area)

	Total city housing stock	including	
		socialized housing stock*	private housing stock
<b>USSR</b>			
1940	421.0	267.0	154.0
1945	402.0	...	...
1949	489.5	...	...
1950	513.0	340.0	173.0
<b>RSFSR</b>			
1940	242.4	172.9	69.5
1941	223.7	161.1	62.6
1942	233.2	170.4	62.8
1943	244.4	176.2	68.2
1944	263.0	189.0	74.0
1945	268.9	192.8	76.1
1950	316.0	232.6	83.4

\* Socialized housing stock includes state housing stock, municipal housing stock, public housing stock and collective housing stock.

### Housing stock utilities <sup>18</sup>

(beginning of year; percent)

	Living area , equipped with			
	water supply system	sewage	central heating	gas
<b>USSR</b>				
1940	47	40	18	0.7
1945	45	41	18	...
1950	45	40	21	14
<b>RSFSR</b>				
1940	50	43	21	...
1941	52	46	21	...
1944	47	42	22	...
1945	47	42	22	7
1949	46	41	25	16
1950	46	42	30	23

**Average residential rent for 1 sq. m of living space in USSR <sup>41, \*</sup>**  
(roubles per month)

	1940	1949	1950
Average residential rent for 1 sq. m of living space:			
in all state housing stock	0.99	1.24	1.19
in housing stock of local councils	0.96	1.16	1.17
in housing stock of ministries and agencies	1.02	1.30	1.21
Housing stock of local councils in cities:			
Moscow	1.11	1.25	1.27
Leningrad (Saint-Petersburg)	1.10	1.32	1.32
Gorky (Nizhniy Novgorod)	0.93	1.16	1.18
Kuybyshev (Samara)	0.95	1.16	1.20
Rostov-on-Don	0.96	1.24	1.29
Sverdlovsk (Yekaterinburg)	1.07	1.26	1.28
Stalingrad (Volgograd)	0.93	1.31	1.25
Chelyabinsk	0.97	1.23	1.25
Kemerovo	-	1.09	1.11
Magnitogorsk	-	1.18	1.23

\* Without payments for heating, water supply, electricity and gas.

**Payments for utility services in budget of industrial workers  
average for USSR <sup>41</sup>**  
(average for one family per month)

	Money expenditures, roubles		As percent of total amount of wages, pensions and stipends received by all members of family	
	payment for dwellings	payment for heating, water supply, electricity and gas	payment for dwellings	payment for heating, water supply, electricity and gas
1940	11.3	9.7	2.0	1.7
1950	14.7	22.9	1.2	1.8

## Population budget surveys

During the Great Patriotic War because of temporary occupation of part of the country, number of surveyed families was considerably reduced; however surveys were not stopped. At this time materials of budget surveys were used to set rationing standards of consumption of food and nonfoods products in ration card system, and also organize the supply of population with these goods.

In 1940 more than 21 thousand families were surveyed, representing the kolkhoz population of all economic regions of the country (including in RSFSR were surveyed 12,9 thousand budgets), and also 19,2 thousand families of workers and office workers (in RSFSR – 8,1 thousand budgets).

According to the Resolution of the Council of Ministers of the USSR of November 3, 1951 No. 4354 «On improvement of statistics of budgets of workers, office workers and kolkhozniks» the quantity of surveyed families was considerably increased up to 50 thousand.

### Average composition of surveyed families of industrial workers in USSR <sup>41</sup>

	1940	1947	1948
Average de-facto number of family members	3.31	2.98	3.10
of them:			
workers and office workers	1.44	1.52	1.56
scholars	0.02	0.03	0.03
pensioners	0.09	0.22	0.25
cooperative teams members	0.01	0.00	0.01
family members, not having independent income	1.75	1.21	1.25

In 1940 one employed person supported 1.21 dependents, in 1948 – 0.80.

### Composition of families of workers in RSFSR <sup>31</sup>

	1940	1950
Number of surveyed budgets:	8118	5928
average per family:		
all family members	3.32	3.37
including available de-facto	3.30	3.31
of which:		
employed	1.49	1.59
pensioners and scholars	0.13	0.31
not having independent income	1.68	1.41
Average monthly wage per employee, roubles	355	740



### Composition of families of collective farmers in RSFSR <sup>31</sup>

	1940	1950
Number of surveyed budgets	12904	8647
average per family:		
all family members	4.89	4.33
including available de-facto	4.39	3.74
of them:		
male of 16–59 years old	0.86	0.62
female of 16–54 years old	1.21	1.25
able to work – total	2.07	1.87
elderly and disabled	0.31	0.49
adolescents 12–15 years old	0.55	0.47
children up to 11 years old	1.46	0.91

### Composition and structure of money income of workers in USSR <sup>41</sup>

(average per family member per month)

	1940	1947	1948
Total amount of money income, roubles	182.8	464.1	406.7
of them:			
wage	156.4	351.1	349.2
as percent of total income	85.6	75.7	85.9
pensions, allowances and scholarships	6.1	22.0	22.5
as percent of total income	3.3	4.7	5.5
income from sale of foods, clothes and earnings from individuals	6.5	63.1	12.3
as percent of total income	3.6	13.6	3.0
other income	13.8	27.9	22.7
as percent of total income	7.5	6.0	5.6

### Composition of money income of workers in RSFSR <sup>31</sup>

(annual average per family; roubles)

	1940	1950
Total amount of money income	7410	16518
including:		
wage of surveyed person	4788	10162
wage of other family members	1568	3955
pensions and allowances	239	1025*
scholarships	23	...
grants and other receipts from the state	371	826
other income	421	550

\* Including scholarships.

**Composition of money income of collective farmers in RSFSR <sup>31</sup>**  
(annual average per family; roubles)

	1940	1950
Total amount of money income	2739	3648
including:		
from collective farm and Machine and Tractor Station (MTS)	307	219
from state cooperative establishments and from work for private persons	561	1019
from obligatory deliveries and contracting of cattle, poultry and products of agriculture	22	62
from sale:		
of poultry and cattle – total	464	427
including sales at collective farm market	395	394
agricultural products – total	980	1100
including sales at collective farm market	919	1061
pensions, allowances and other receipts from the state	160	526
other receipts from citizens	245	295

**Composition and structure of cash expenditures of workers in USSR <sup>41</sup>**  
(average per family member per month)

	1940	1947	1948
Total amount of cash expenditures, roubles	184.7	463.7	398.5
including:			
expenditures on food in- house and public (including childcare facilities)	106.1	291.3	209.1
as percent of all expenditures	57.4	62.8	52.5
expenditures on non-food products, recreational goods, furniture and household items	27.6	59.4	74.2
as percent of all expenditures	14.9	12.8	18.6
expenditures on wine and tobacco	7.1	13.0	11.4
as percent of all expenditures	3.8	2.8	2.9
expenditures on cultural – educational needs, hygiene, cosmetics, medical treatment, etc.	5.9	8.5	9.6
as percent of all expenditures	3.2	1.8	2.4
expenditures on commodities for housing and subsidiary agriculture	6.4	11.0	10.1
as percent of all expenditures	3.5	2.4	2.5
payment of housing and communal services	6.0	8.6	10.0
as percent of all expenditures	3.3	1.9	2.5

### Composition of cash expenditures of workers in RSFSR <sup>31</sup>

(annual average per family; roubles)

	1940	1950
Total amount of cash expenditures	7493	16273
including:		
purchase of foodstuff	3619	6871
on public canteens and cafeterias	495	382
payment for use of childcare facilities	188	457
on purchase of non-food industrial products – total*	1368	3938
of which:		
textiles, clothing, footwear, etc.	956	3011
furniture, household items	100	307
recreational goods	58	...
purchased at kolkhoz market and from individuals:		
food products	834	1545
non-food industrial products	...	775

\* Not including purchase of construction materials.

### Composition of cash expenditures of collective farmers in RSFSR <sup>31</sup>

(annual average per family; roubles)

	1940	1950
Total amount of cash expenditures	2702	3612
including:		
on purchase of:		
cattle and poultry	287	282
agricultural products	584	583
baked bread and bread products	228	211
manufactured goods:		
food products	327	389
non-food products	745	1095
taxes and fees	109	530
acquisition of bonds of state loans	67	123
payment of personal services	24	117
other expenditures	331	282
purchased at kolkhoz market and from individuals:		
agriculture products	463	408
manufactured goods:		
food products	62	4
non-food products	297	233



Cash expenditures of surveyed families of industrial workers on purchase of food and industrial goods by source of purchase in USSR <sup>41</sup>  
(percent)

	1940	1947	1948
Spent on purchase of food and industrial goods – total:	100	100	100
at state and cooperative trade	75.2	41.9	73.9
at kolkhoz market and from individuals	24.8	58.1	26.1
Spent on purchase of food:	100	100	100
at state and cooperative trade	73.0	43.6	73.9
at kolkhoz market and from individuals	27.0	56.4	26.1
Spent on purchase of industrial goods:	100	100	100
at state and cooperative trade	82.3	33.9	74.0
from individuals	17.7	66.1	26.0



Stand in bread and bakery department of Leningrad shop. 1947

**Sources of food in families of workers in RSFSR <sup>31</sup>**

(annual average per family member; kg)

	1940	1950
<b>Flour and bread in equivalent of flour</b>		
Purchase at state and co-operative trade	159.4	143.2
Public catering	18.6	9.2
Purchase at kolkhoz market	1.5	2.2
Purchase - total	179.5	154.6
<b>Potatoes</b>		
Purchase at state and co-operative trade	31.4	21.2
Public catering	8.1	4.9
Purchase at kolkhoz market	25.1	64.4
Purchase from private husbandry	35.0	140.7
Purchase - total	99.6	231.2
<b>Vegetables</b>		
Purchase at state and co-operative trade	23.0	16.3
Public catering	5.8	2.2
Purchase at kolkhoz market	11.2	14.0
Purchase from private husbandry	5.4	7.0
Purchase - total	45.4	39.5
<b>Meat, meat products and fat in equivalent of meat</b>		
Purchase at state and co-operative trade	14.0	11.5
Public catering	3.9	1.9
Purchase at kolkhoz market	4.5	9.5
Purchase from private husbandry	1.6	3.7
Purchase - total	24.0	26.6
Consumed for food	24.0	25.9
<b>Milk, butter and dairy products in equivalent of milk</b>		
Purchase at state and co-operative trade	76.9	91.5
Public catering	20.2	20.3
Purchase at kolkhoz market	23.4	44.3
Purchase from private husbandry	14.4	19.2
Purchase - total	134.9	175.3
Consumed for food	133.3	172.2
<b>Eggs, pcs.</b>		
Purchase at state and co-operative trade	27	13
Public catering	5	5
Purchase at kolkhoz market	9	10
Purchase from private husbandry	17	7
Purchase - total	57	35

**Inventories of agricultural products per one family of collective farmer in RSFSR <sup>31</sup>**  
(as of January 1; kg)

	1940	1950
Cereals	430.1	226.4
Potatoes	624.7	1711.4
Vegetables and melons	122.5	177.0
Meat and fat	35.2	22.7

**Livestock in personal property of collective farmers and its productivity  
in RSFSR <sup>31</sup>**

	1940	1950
Number of livestock heads per 100 households (as of January 1):		
cattle, total	99.6	109.4
including cows	69.5	67.3
pigs of all ages	39.9	17.8
sheeps of all ages	201.6	114.1
goats of all ages		36.8
poultry	873.9	647.9
Productivity of cattle and poultry:		
milk yield per 1 forage cow, l	1205	1549
egg-laying capacity per 1 hen, pcs.	65	61
wool clip per 1 sheep of all ages, kg	...	2.59

**Acquisition by workers and collective farmers of fabrics and footwear in RSFSR <sup>31</sup>**  
(annual average per one family member)

	Workers		Collective farmers	
	1940	1950	1940	1950
Fabrics – total, m	6.64	11.90	4.98	5.78
including:				
woolen	0.13	0.63	0.04	0.10
silk	0.12	0.50	0.03	0.04
Footwear – total, pairs	2.17	2.90	1.00	1.28
including:				
leather shoes	1.08	1.32	0.37	0.23
rubber shoes	0.47	0.71	0.15	0.30
felt footwear	0.12	0.37	0.06	0.14



*Petrovka Street in Moscow. 1939*

### Consumption of main food products by families of collective farmers in USSR <sup>41</sup>

(average per family member per month; kg)

	1940	1950
Bread and bakery products	22.5	20.5
including white bread	11.4	10.1
Cereals and beans	1.2	0.8
Potatoes	11.4	23.7
Vegetables and melons	6.0	5.0
Fruits and berries	0.5	0.8
Milk, dairy products and butter in equivalent of milk	13.5	15.1
Fat, vegetable oil and margarine	0.3	0.1
Eggs, pcs.	4	3
Meat and meat products	1.4	1.2
Sugar and confectionery	0.2	0.3

### Consumption of main food products by families of workers in RSFSR <sup>31</sup>

(average per family member per month; kg)

	1940	1950
Flour and bread baked in equivalent of flour	14.7	12.7
including wheat flour	9.3	5.4
Cereals and beans	0.8	0.9
Pasta	0.3	0.5
Potatoes	6.8	13.7
Vegetables	3.6	3.0
Melons	0.7	0.1
Fruits and berries		
including:		
fresh	0.3	0.4
dry	0.0	0.1
Butter	0.2	0.3
Fat	0.1	0.1
Vegetable oil (including margarine, etc.)	0.2	0.3
Meat and meat products	1.8	1.9
Fish and fish products	0.6	0.7
Milk, l	3.9	5.6
Dairy products	0.3	0.2
Eggs, pcs.	5	3
Sugar	0.9	1.2
Confectionery and honey	0.6	0.7

**Consumption of main food products by families of collective farmers in RSFSR <sup>31</sup>**  
(average per family member per month; kg)

	1940	1950
Flour and bread baked in equivalent of flour	15.0	11.1
including wheat flour	6.8	3.8
Cereals and beans	1.0	0.5
Pasta	0.0	0.0
Potatoes	12.8	37.6
Vegetables	4.1	4.7
Melons	1.3	0.7
Fruits and berries		
including:		
fresh	0.3	0.2
dry	0.0	0.0
Butter	0.0	0.0
Fat	0.2	0.0
Vegetable oil (including margarine, etc.)	0.1	0.0
Meat and meat products	1.5	1.4
Fish and fish products	0.1	0.2
Milk, l	12.1	17.2
Dairy products	0.3	0.3
Eggs, pcs.	5	4
Sugar	0.2	0.2
Confectionery	0.1	0.1



# Hero Cities and Cities of Military Glory







The highest degree of distinction – «Hero City» was assigned by the Decree of the Presidium of the Supreme Soviet to the Soviet Union cities, inhabitants of which have shown mass heroism and courage defending the Motherland in the Great Patriotic War of 1941–1945.

The honorary title of the Russian Federation «City of Military Glory» was established by the Federal Law of May 9, 2006 № 68 -FZ «On honorary title of the Russian Federation «City of Military Glory», which states that «the title of «City of Military Glory» is assigned to the cities of the Russian Federation, on whose territory or in immediate proximity during fierce battles the defenders displayed courage, fortitude and heroism, including the cities of the Russian Federation, which was awarded the title of «Hero City».



*Citizens of Stalingrad meet liberators. 1943*

## Population of Hero Cities and Cities of Military Glory

	Date of confirming the title	Population size*, persons	
		1939	1959
<b>Hero Cities</b>			
Leningrad (now Saint-Petersburg)	May 8, 1965	3 191 304	3 321 196
of which excluding settlements subordinated to city administration		3 015 188	2 899 955
Odessa	May 8, 1965	604 217	671 496
of which excluding settlements subordinated to city administration		604 217	667 182
Sevastopol	May 8, 1965	111 938	152 122
of which excluding settlements subordinated to city administration		109 104	148 033
Volgograd (former Stalingrad)	May 8, 1965	445 312	595 450
of which excluding settlements subordinated to city administration		445 312	593 844
Kiev	May 8, 1965	846 724	1 104 334
Brest Fortress (Fortress-Hero)**	May 8, 1965	...	73 614
Moscow	May 8, 1965	4 137 018	5 085 581
of which excluding settlements subordinated to city administration		4 131 633	5 045 905
Kerch	September 14, 1973	104 443	98 769
Novorossiysk	September 14, 1973	123 256	112 147
of which excluding settlements subordinated to city administration		95 240	93 461
Minsk	June 26, 1974	238 948	515 975
Tula	December 7, 1976	296 610	355 954
of which excluding settlements subordinated to city administration		272 224	315 639
Murmansk	May 6, 1985	117 069	221 874
Smolensk	May 6, 1985	156 884	160 019
of which excluding settlements subordinated to city administration		156 884	147 196

Continuation

	Date of confirming the title	Population size*, persons	
		1939	1959
<b>Cities of Military Glory</b>			
Belgorod	April 27, 2007	34 359	72 278
Kursk	April 27, 2007	119 977	204 712
Orel	April 27, 2007	110 564	151 521
Vladikavkaz (former Ordzhonikidze)	October 8, 2007	130 755	168 427
of which excluding settlements subordinated to city administration		130 755	164 420
Malgobek	October 8, 2007	12 419	25 763
of which excluding settlements subordinated to city administration		12 419	13 949
Rzhev	October 8, 2007	54 070	48 971
Yelnya	October 8, 2007	7 132	6 897
Yelez	October 8, 2007	50 891	77 900
Voronezh	February 16, 2008	347 588	454 336
of which excluding settlements subordinated to city administration		326 932	447 164
Luga	May 5, 2008	28 010	25 540
Polyarnyi	May 5, 2008	7 068	11 354
Rostov-on-Don	May 5, 2008	510 212	599 542
of which excluding settlements subordinated to city administration		502 928	599 542
Tuapse	May 5, 2008	37 019	36 650
of which excluding settlements subordinated to city administration		29 795	36 650
Velikiye Luki	October 28, 2008	34 932	58 939
Velikiy Novgorod	October 28, 2008	39 758	60 669
Dmitrov	October 28, 2008	25 029	34 518
Vyazma	April 27, 2009	33 774	31 883
Kronshtadt	April 27, 2009	38 071	40 303
Naro-Fominsk	April 27, 2009	31 613	35 419

Continuation

	Date of confirming the title	Population size*, persons	
		1939	1959
Pskov	December 5, 2009	60 439	81 270
Kozelsk	December 5, 2009	8 182	12 114
Archangelsk	December 5, 2009	310 886	272 650
of which excluding settlements subordinated to city administration		284 570	256 309
Volokolamsk	March 25, 2010	5 413	8 625
Bryansk***	March 25, 2010	87 490	219 124
of which excluding settlements subordinated to city administration		87 490	207 319
Nalchik	March 25, 2010	47 970	97 811
of which excluding settlements subordinated to city administration		47 970	87 617
Vyborg****	March 25, 2010	74 403	51 088
Kalach-on-Don (settl. Kalach)	March 25, 2010	...	16 676
Vladivostock	November 4, 2010	206 432	299 378
of which excluding settlements subordinated to city administration		206 432	290 608
Tikhvin	November 4, 2010	16 199	18 412
Tver (former Kalinin)	November 4, 2010	216 131	260 974
Anapa	May 5, 2011	17 306	19 602
Kolpino	May 5, 2011	37 648	34 781
Staryi Oskol	May 5, 2011	10 946	27 474
Kovrov	November 3, 2011	67 105	98 563
Lomonosov (former Oranienbaum)	November 3, 2011	20 650	27 513
Taganrog	November 3, 2011	188 781	202 062
Petropavlovsk-Kamchatsky	November 3, 2011	35 373	85 582
Maloyaroslavets	May 7, 2012	11 729	17 892
Mozhaisk	May 7, 2012	11 752	15 697
Khabarovsk	November 3, 2012	199 172	322 744

\* Population size is given within city borders on the date of censuses.

\*\* Population of the city of Brest.

\*\*\* On June 2, 1956 town of Bezhitsa was included in borders of Bryansk (before 1943 Bezhitsa was named Ordzhonikidzgrad; population size according to 1939 census was 82 334 persons including settlements subordinated to city council).

\*\*\*\* Data for 1939 - assessment using Finnish sources.

## SUPPLEMENT

to the section «**Hero Cities and Cities of Military Glory**»

The honorary title of the Russian Federation «The City of Military Glory» was awarded to Staraya Russa, Grozny, Gatchina, Petrozavodsk and Feodosiya by the Decrees of the President of the Russian Federation of April 6, 2015 Nos. 175-179.

### Population of Hero Cities and Cities of Military Glory<sup>1)</sup>

	Date of confirming the title	Population size*, persons	
		1939	1959
<b>Cities of Military Glory</b>			
Staraya Russa	April 6, 2015	41 277	25 409
of which excluding settlements subordinated to city administration		37 258	25 409
Grozny	April 6, 2015	175 139	251 718
of which excluding settlements subordinated to city administration		172 448	242 068
Gatchina (former Krasnogvardeisk)	April 6, 2015	38 201	36 725
Petrozavodsk	April 6, 2015	74 674	148 285
of which excluding settlements subordinated to city administration		69 723	135 256
Feodosiya	April 6, 2015	45 032	50 640
of which excluding settlements subordinated to city administration		45 032	46 327

<sup>1)</sup> Continuation of the table on pp. 186-188.

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