

# XIII. INDUSTRY

## 1. INDEX NUMBERS OF TOTAL INDUSTRIAL PRODUCTION

Year	Base years							
	1989	1990	1991	1992	1993	1994	1995	1996
1989	100.0							
1990	83.2	100.0						
1991	64.7	77.8	100.0					
1992	54.4	65.4	84.1	100.0				
1993	48.5	58.3	74.9	89.1	100.0			
1994	52.6	63.2	81.3	96.7	108.5	100.0		
1995	55.2	66.4	85.3	101.5	113.9	105.0	100.0	
1996	55.3	66.5	85.4	101.6	114.0	105.1	100.1	100.0

## 2. INDEX NUMBERS OF TOTAL INDUSTRIAL PRODUCTION BY BRANCH

Branches	(Preceding year = 100)			
	1993	1994	1995	1996
<b>Total</b>	<b>89.1</b>	<b>108.5</b>	<b>105.0</b>	<b>100.1</b>
Production of electricity, steam and hot water	100.8	92.9	105.4	102.7
Coal mining	102.3	94.9	110.0	105.4
Extraction of oil and gas	137.9	116.5	97.7	56.7
Ferrous metallurgy (incl. ore-mining)	126.8	127.7	113.1	88.5
Non-ferrous metallurgy (incl. ore-mining)	116.9	112.7	96.0	103.4
Machine-building and metal-working industry	75.8	100.4	103.2	87.3
Electrical and electronic industry	95.0	100.2	101.4	100.9
Chemical and oil processing industry (incl. rubber)	88.2	136.4	117.1	106.2
Building materials industry	92.6	108.2	110.5	97.3
Logging and manufacture of wood and wood products	87.9	115.5	99.2	102.3
Manufacture of cellulose, paper and paper products	98.0	115.8	118.6	85.4
Manufacture of glass and glass products, china, earthenware	98.5	122.1	104.6	119.4
Textile and knitwear	83.4	102.5	92.8	94.6
Manufacture of wearing apparel	84.4	120.0	84.8	112.1
Leather, furriery and footwear industry	83.1	103.4	86.7	108.1
Printing industry	133.5	117.9	83.8	72.4
Manufacture of food, beverages and tobacco	76.1	98.7	100.7	102.8
Other branches of industry	103.3	71.9	77.7	89.2

### 3. INDUSTRIAL PRODUCTION BY BRANCH<sup>1)</sup>

(Million Levs)				
Branches	1993	1994	1995	1996
<b>Total</b>	<b>255838</b>	<b>487074</b>	<b>785556</b>	<b>1777625</b>
Production of electricity, steam and hot water	27887	36638	60591	178263
Coal mining	6980	8866	13159	40900
Extraction of oil and gas	339	643	737	1681
Ferrous metallurgy (incl. ore-mining)	13244	29722	51585	103643
Non-ferrous metallurgy (incl. ore-mining)	10184	26924	44809	99128
Machine-building and metal-working industry	28304	51482	81156	175060
Electrical and electronic industry	13436	24547	37871	76078
Chemical and oil processing industry (incl. rubber)	44737	113121	186592	483434
Building materials industry	7442	13498	23006	44108
Logging and manufacture of wood and wood products	7616	13702	22944	46560
Manufacture of cellulose, paper and paper products	3575	7805	17631	28508
Manufacture of glass and glass products, china, earthenware	3282	7056	11390	25393
Textile and knitwear	9893	19209	28153	59625
Manufacture of wearing apparel	4182	8256	12605	24470
Leather, furriery and footwear industry	3663	7595	10626	22928
Printing industry	2898	6659	10712	20156
Manufacture of food, beverages and tobacco	60855	103368	162596	341454
Other branches of industry	7321	7983	9393	6236

<sup>1)</sup> At current prices.

### 4. STRUCTURE OF INDUSTRIAL PRODUCTION BY BRANCH<sup>1)</sup>

(Per cent)				
Branches	1993	1994	1995	1996
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Production of electricity, steam and hot water	10.2	9.3	7.5	8.1
Coal mining	3.2	2.4	1.9	1.9
Extraction of oil and gas	0.2	0.1	0.1	0.1
Ferrous metallurgy (incl. ore-mining)	5.6	6.1	6.6	5.9
Non-ferrous metallurgy (incl. ore-mining)	5.2	4.1	5.0	6.0
Machine-building and metal-working industry	10.0	10.2	10.4	9.1
Electrical and electronic industry	6.2	4.9	4.9	4.9
Chemical and oil processing industry (incl. rubber)	19.2	22.5	25.9	25.6
Building materials industry	2.9	2.9	2.9	2.6
Logging and manufacture of wood and wood products	2.7	3.2	2.7	3.1
Manufacture of cellulose, paper and paper products	1.4	1.5	1.8	2.0
Manufacture of glass and glass products, china, earthenware	1.3	1.4	1.4	1.8

#### 4. STRUCTURE OF INDUSTRIAL PRODUCTION BY BRANCH<sup>1)</sup>

Branches	(Per cent)			
	1993	1994	1995	1996
Textile and knitwear	3.9	3.7	3.5	3.5
Manufacture of wearing apparel	1.5	1.8	1.4	1.8
Leather, furriery and footwear industry	1.3	1.4	1.3	1.5
Printing industry	1.1	1.2	1.1	1.0
Manufacture of food, beverages and tobacco	21.2	21.6	20.4	20.8
Other branches of industry	2.9	1.7	1.2	0.3

<sup>1)</sup> Calculated at preceding year prices.

#### 5. STRUCTURE OF INDUSTRIAL PRODUCTION OF THE ENTERPRISES AND ESTABLISHMENTS IN INDUSTRY BY KIND OF OWNERSHIP

	(Per cent)			
	1993	1994	1995	1996
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
of which:				
Public sector	95.4	91.3	88.8	86.2
Private sector	4.4	7.9	11.2	13.8

#### 6. OUTPUT OF SOME INDUSTRIAL PRODUCTS

Industrial products	1993	1994	1995	1996
<i>PRODUCTION OF ELECTRICITY, STEAM AND HOT WATER</i>				
Electricity - million kWh	37998	38113	41790	42710
Thermal	22083	21330	22212	21714
Nuclear	13973	15335	17261	18082
Hydro	1942	1468	2317	2914
Steam and hot water - billion kcal	30558	28921	31088	30930
<i>COAL MINING</i>				
Coal (purified) - thousand tons	29033	28757	30830	31297
Brown	3419	3155	3187	3057
Lignite	25351	25429	27449	28104
Black	222	144	170	117
Anthracite	41	29	24	19
Briquettes from lignite - thousand tons	1423	1030	889	1053
<i>EXTRACTION OF OIL AND GAS</i>				
Crude petroleum - thousand tons	43	36	43	32
Natural and pipe gas - thousand cubic metres	6613	7578	22503	18750
<i>FERROUS METALLURGY (INCL. ORE-MINING)</i>				
Iron ores (100 % Fe content) - thousand tons	266	268	270	282
Manganese ores (100% Mn content) - thousand tons	4.0	-	5.6	13.1
Pig-iron and ferro-alloys - thousand tons	1017	1475	1614	1513
Steel - thousand tons	1941	2491	2724	2457
Rolled stock - thousand tons	1602	2120	2250	1898
Steel pipes - thousand tons	84	73	91	91
Coke - thousand tons	912	1116	1240	1157

## 6. OUTPUT OF SOME INDUSTRIAL PRODUCTS

(Continued)

Industrial products	1993	1994	1995	1996
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### NON-FERROUS METALLURGY (INCL. ORE-MINING)

Electrolyte copper - thousand tons	26.3	26.5	25.5	22.3
Lead - thousand tons	57.0	64.0	60.1	74.7
Zinc - thousand tons	54.0	64.0	68.8	68.0
Tin - tons	23	22	13	8
Aluminium - tons	1832	4412	4519	2917

### MACHINE-BUILDING AND METAL-WORKING INDUSTRY

Internal combustion engines:				
thousand numbers	4.4	5.6	4.6	3.7
thousand horse power	312	382	310	248
Metal cutting machines - number	4565	4419	5249	4962
of which:				
Lathes	2197	1979	2496	2507
Stable and semi-stable drilling machines	759	850	864	963
Shaping machines	48	16	9	30
Cutting machines	324	200	227	232
Electric telfhers - thousand numbers	6.5	6.2	8.4	8.4
Electric fork-lift trucks - thousand numbers	3.8	3.4	8.9	1.9
Motor fork-lift trucks - thousand numbers	2.6	2.3	2.8	1.7

### ELECTRICAL AND ELECTRONIC INDUSTRY

Electric engines - thousand numbers	458	470	440	389
thousand kW	888	825	960	1063
Electric generators - number	3542	3575	3957	1720
thousand kW	58	30	12	476
Power transformers - number	982	689	706	763
thousand kW	1330	1417	1091	116
Storage batteries - thousand numbers	1604	1446	1380	1294
Elevators - number	580	362	385	234
Telephones - thousand numbers	139.0	74.2	67.2	79.3
Radio receivers - thousand numbers	0.8	2.0	1.8	0.3
Television receivers - thousand numbers	26.1	19.0	9.7	10.0
of which: colour	12.9	13.0	5.2	5.9
Electric household washing machines - thousand numbers	41.6	41.3	26.5	23.7
of which: automatic	28.6	19.2	11.2	10.8
Household refrigetators - thousand numbers	81.4	69.3	53.8	36.2
Electric boilers - thousand numbers	90.7	121.8	128.6	122.6
Electric cookers - thousand numbers	80	96	78	70
Electric heaters - thousand numbers	113	81	92	51

## 6. OUTPUT OF SOME INDUSTRIAL PRODUCTS

(Continued)

Industrial products	1993	1994	1995	1996
Typewriters - thousand numbers	172	150	61	42
Insulated with copper core wires - tons	2854	2382	1810	2179
Cables - mln. metres	29.8	27.5	34.3	34.5

### CHEMICAL AND OIL PROCESSING INDUSTRY (INCL. RUBBER)

Synthetic ammonia (100% N) - thousand tons	884.7	995.1	1203.0	1194.4
Nitrogen fertilizers (excl. urea-100% N) - thousand tons	270.1	322.8	459.2	468.2
Urea (100% N) - thousand tons	341.4	353.2	367.4	367.0
Phosphate fertilizers (100% P <sub>2</sub> O <sub>5</sub> ) - thousand tons	45.0	50.6	53.1	90.4
Soda ash (98% NaOH) - thousand tons	259.5	451.0	796.0	866.1
Sulphuric acid (mono- hydrate) - thousand tons	408.8	428.0	453.8	517.8
Caustic soda (96% NaOH) - thousand tons	48.7	70.8	70.4	80.8
Pesticides (100% active ingredients) - thousand tons	5.1	6.3	7.6	5.7
Gasoline - thousand tons	1544	1735	2086	1933
Kerosene - thousand tons	198	196	221	184
Diesel oil - thousand tons	1235	2079	2564	2351
Plastic, synthetic resins and glues - thousand tons	165.0	183.2	196.4	203.8
Dyes and lacquers - thousand tons	21.4	23.5	29.5	30.8
Rose oil - kg	1046	342	455	226
Chemical fibres - thousand tons	30.9	30.5	38.7	36.9
Automobile tires (cover) - thousand numbers	783	553	642	532
Rubber footwear - million pairs	1.9	1.7	1.3	1.0

### BUILDING MATERIALS INDUSTRY

Cement - thousand tons	2007	1910	2070	2132
Hydrated lime - thousand tons	531	665	952	942
Prefabricated ferro-con- crete - thousand cub. m	465	318	294	61
of which: steel concrete panels	29	13	10	27
Bricks - million numbers	637	666	668	566
Tiles and covers - million numbers	24	25	25	30
Hydro insulating materials - thousand sq. m	2.5	2.8	2.5	2.2

### LOGGING AND WOOD - PROCESSING

Round and split timber - thousand cub. m	1845	2026	2158	2168
Coniferous	794	936	1028	1016
Non-coniferous	1051	1090	1130	1152
Coniferous boards - thousand cub. m	147	144	158	123
Non-coniferous boards - thousand cub. m	67	74	64	61
Plywood - thousand cub. m	23.1	33.0	36.2	34.8
Veneer - million sq. m	5.2	5.9	6.7	5.5
Firewood - thousand cub. m	1720	1819	1811	2468
Match - thousand cases	28	42	89	107

## 6. OUTPUT OF SOME INDUSTRIAL PRODUCTS

(Continued and end)

Industrial products	1993	1994	1995	1996
<i>CELLULOSE AND PAPER</i>				
Cellulose (base 88% dry substance) - thousand tons	60.6	93.7	105.6	84.6
Paper- thousand tons	124.7	143.2	194.9	174.4
of which:				
for writing and printing	3.8	4.6	6.9	4.0
Paperboard - thousand tons	25.4	20.9	31.3	26.9
<i>GLASSWARE, CHINA AND EARTHENWARE</i>				
Plate glass (base 2 mm) - million sq. m	7.9	11.0	12.0	12.3
Faience tiles - million numbers	318	324	339	310
Sanitary ceramics - thousand numbers	1231	608	655	599
<i>TEXTILE AND KNITWEAR INDUSTRY</i>				
Cotton yarn - thousand tons	24.2	23.7	27.6	25.6
Woollen yarn - thousand tons	15.2	14.1	14.0	12.6
Hemp and flax yarn - thousand tons	0.6	0.8	0.8	0.8
Cotton fabrics - million metres	71.5	69.9	76.6	69.2
Woollen fabrics <sup>1)</sup> - million metres	15.7	14.0	13.2	12.0
Silk fabrics - million metres	15.7	16.7	19.2	18.9
Hemp and flax fabrics - million metres	2.4	2.4	2.5	2.1
Knitwear - million numbers	14.0	11.4	10.9	8.4
Knitted underwear - million numbers	13.5	13.7	11.2	9.8
Carpets and carpet goods - thousand sq. m	908	1039	913	809
Wearing apparel - thousand numbers	7895	7601	7951	6366
<i>LEATHER, FURRIERY AND FOOTWEAR</i>				
Hard leather - tons	37	17	12	21
Soft leather (incl. upper leather) - million sq. dm	264.9	283.0	331.4	265.7
Fur - million numbers	0.8	0.5	0.4	0.3
Footwear (excl. rubber) - million pairs	10.6	10.2	12.0	8.7
of which : Footwear (excl. slippers)	10.1	9.7	11.0	8.0
<i>FOOD, BEVERAGES AND TOBACCO</i>				
Meat - thousand tons	180.4	125.1	130.5	125.7
Meat products - thousand tons	68.1	50.2	52.3	45.2
Lard - thousand tons	7.0	2.8	2.5	1.6
Fish catch - thousand tons	9.6	1.5	21.9	15.3
Preserved fish - thousand tons	2.3	1.8	2.3	1.8
Canned vegetables - thousand tons	86.8	143.2	134.4	104.6
Canned fruits (excl. pulp) - thousand tons	45.8	31.2	31.6	40.4
Foods for children - thousand tons	8.6	11.1	3.0	2.5
Butter - thousand tons	4.6	2.2	2.9	2.3
White cheese - thousand tons	51.8	48.6	43.3	33.1
Yellow cheese - thousand tons	15.7	11.3	9.6	7.8
Milk - thousand tons	216	173	156	143
Vegetable oils (edible) - thousand tons	149.9	139.5	190.3	154.0
Flour - thousand tons	1051	988	977	861
Farinaceous products - thousand tons	16.9	22.1	28.6	15.2
Rice - thousand tons	7.4	4.9	3.2	3.1
Sugar - thousand tons	172	274	237	210
Confectionery - thousand tons	63.9	68.0	77.0	58.1
of which: chocolate	13.9	15.1	15.2	13.7
Spirits (base 95 <sup>0</sup> ) - million litres	25.0	28.0	35.0	20.0
Brandy - million litres	39.3	39.0	15.6	27.8
Grapes wine - million litres	152.4	164.7	248.1	221.7
Beer - million litres	424.7	479.2	433.1	450.9
Processed fermented tobacco - thousand tons	57.3	50.5	31.3	23.4
Tobacco products - thousand tons	32.1	53.7	74.6	57.3

<sup>1)</sup> Excl. blankets.

**7. EXPENDITURE STRUCTURE OF INDUSTRIAL ENTERPRISES BY BRANCH AND ECONOMIC ELEMENT  
IN 1996**

(Per cent)

Branches	Total	Economic elements					
		Materials	External services	Depre- ciation	Wages and salaries	Social wel- fare and allo- wances	Other ex- penditure
<b>Total</b>	<b>100.0</b>	<b>71.4</b>	<b>7.8</b>	<b>3.0</b>	<b>10.5</b>	<b>4.5</b>	<b>2.8</b>
Production of electricity, steam and hot water	100.0	66.9	8.5	10.3	7.4	3.6	3.3
Coal mining	100.0	41.9	9.7	3.4	27.9	14.0	3.1
Extraction of oil and gas	100.0	34.7	17.7	16.6	18.5	7.2	5.3
Ferrous metallurgy (incl. ore-mining)	100.0	76.9	6.3	2.4	8.0	3.9	2.5
Non-ferrous metallurgy (incl. ore-mining)	100.0	67.2	14.7	2.9	9.2	4.4	1.6
Machine-building and metal-working industry	100.0	52.8	11.8	3.1	19.9	8.0	4.4
Electrical and electronic industry	100.0	61.8	9.9	3.1	15.2	5.8	4.2
Chemical and oil processing industry (incl. rubber)	100.0	85.0	4.2	1.7	5.1	2.3	1.7
Building materials industry	100.0	64.2	10.5	2.0	13.6	6.2	3.5
Logging and manufacture of wood and wood products	100.0	57.4	12.4	1.8	17.6	7.2	3.6
Manufacture of cellulose, paper and paper products	100.0	77.6	4.2	2.3	10.0	4.0	1.9
Manufacture of glass and glass products, china, earthenware	100.0	66.1	5.9	2.1	15.3	7.3	3.3
Textile and knitwear	100.0	64.8	7.0	3.2	15.5	6.7	2.8
Manufacture of wearing apparel	100.0	35.1	15.3	3.1	29.5	11.3	5.7
Leather, furriery and footwear industry	100.0	65.2	8.0	1.6	14.2	6.3	4.7
Printing industry	100.0	74.4	6.1	2.6	10.2	4.2	2.5
Manufacture of food, beverages and tobacco	100.0	76.4	7.6	2.1	7.9	3.0	3.0
Other branches of industry	100.0	47.4	10.9	4.8	21.8	9.2	5.9