

News Releases

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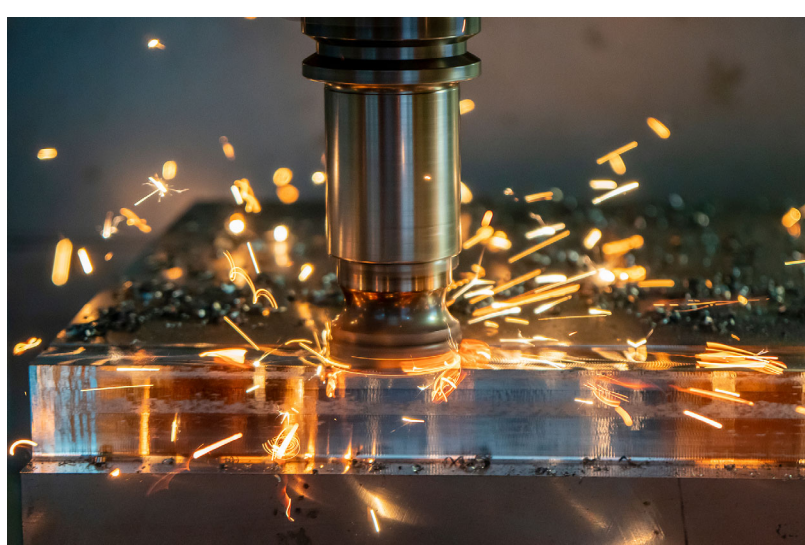


Salient Points **News** Data Methodology

Index of Industrial Production: May 2023

NR120/2023 Release Date: 11 July 2023 Cut off Date: 05 July 2023

In May 2023, industrial output increased by 12.3 per cent when compared to May 2022



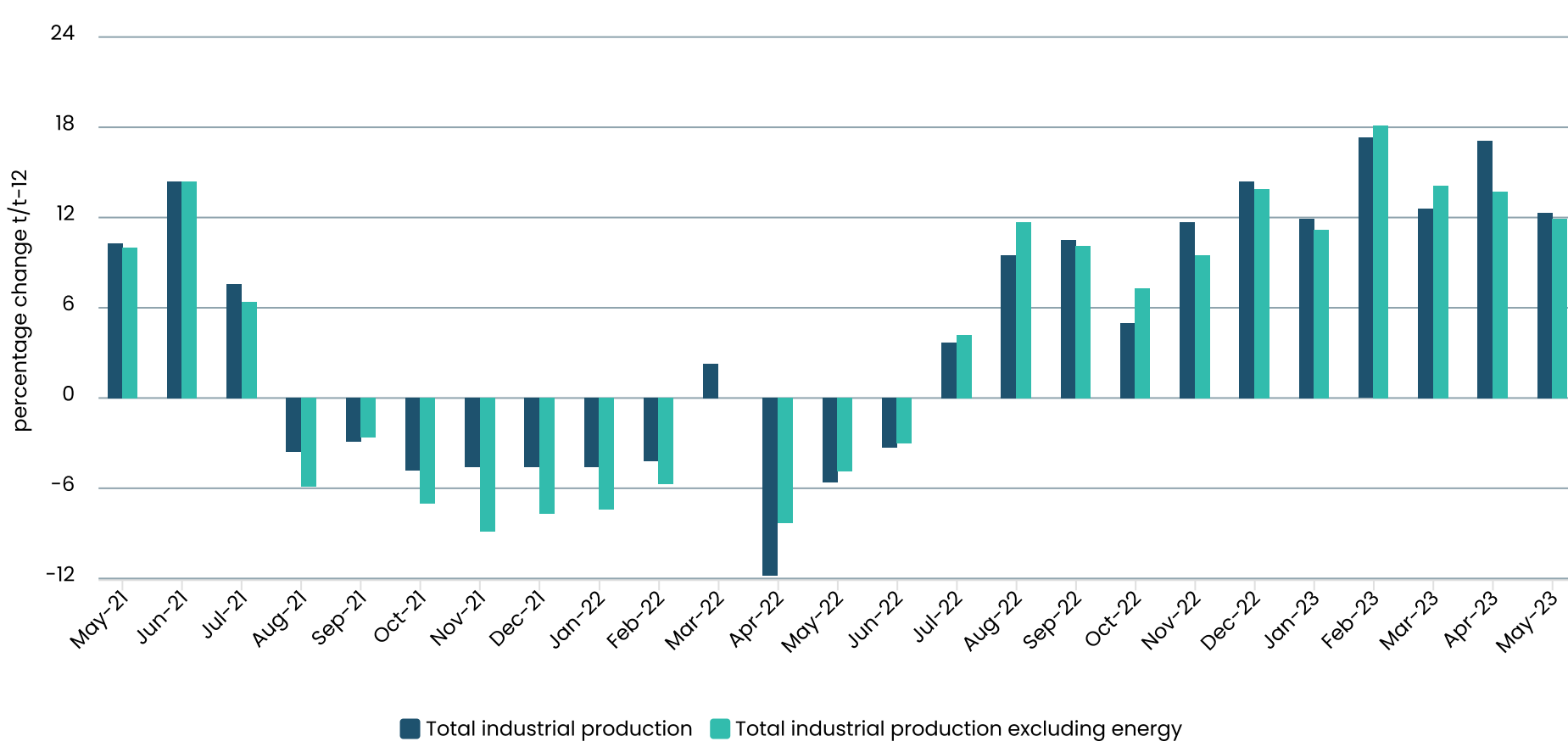
The monthly Index of Industrial Production (IIP) is a business cycle indicator. It provides an early measure of change in the volume of industrial output produced by domestic businesses in the manufacturing, energy, and quarrying sectors in Malta.

Total industrial output – annual comparison

In May 2023, the index of industrial production went up by 12.3 per cent when compared to the corresponding month in 2022. When excluding energy, the index went up by 11.9 per cent (Chart 1).

Chart 1. Annual comparison of the total industrial production

% change compared to the corresponding month of the previous year

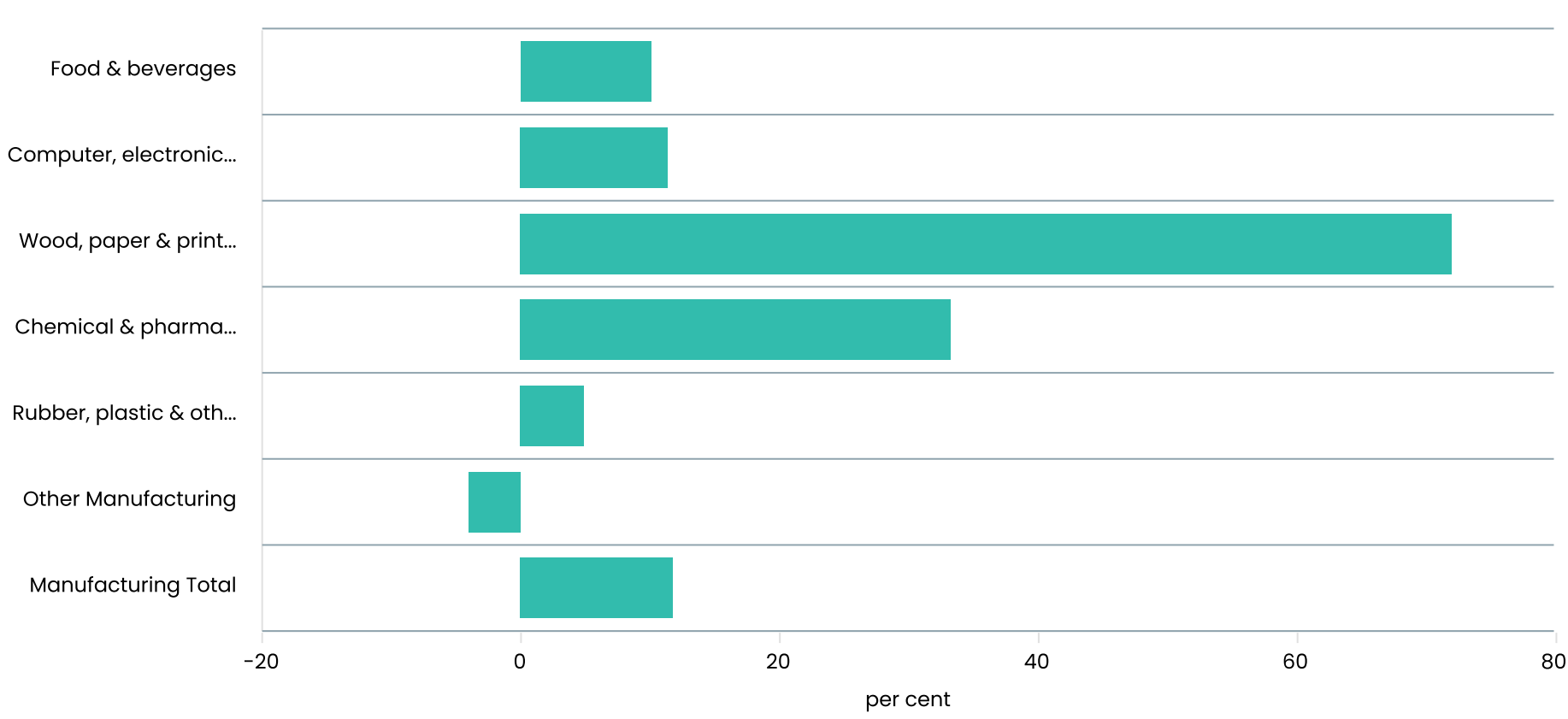


Manufacturing output – annual comparison

In May 2023, manufacturing output went up by 11.8 per cent. The largest upward change was registered in the production of wood, paper products and printing (72.1 per cent), followed by the production of chemical and pharmaceutical products (33.3 per cent) and the production of computer, electronic and optical products and motor vehicles (11.4 per cent). On the other hand, other manufacturing went down by 4.0 per cent (Chart 2).

Chart 2. Manufacturing output - annual comparison by selected aggregates

% change compared to the corresponding month of the previous year



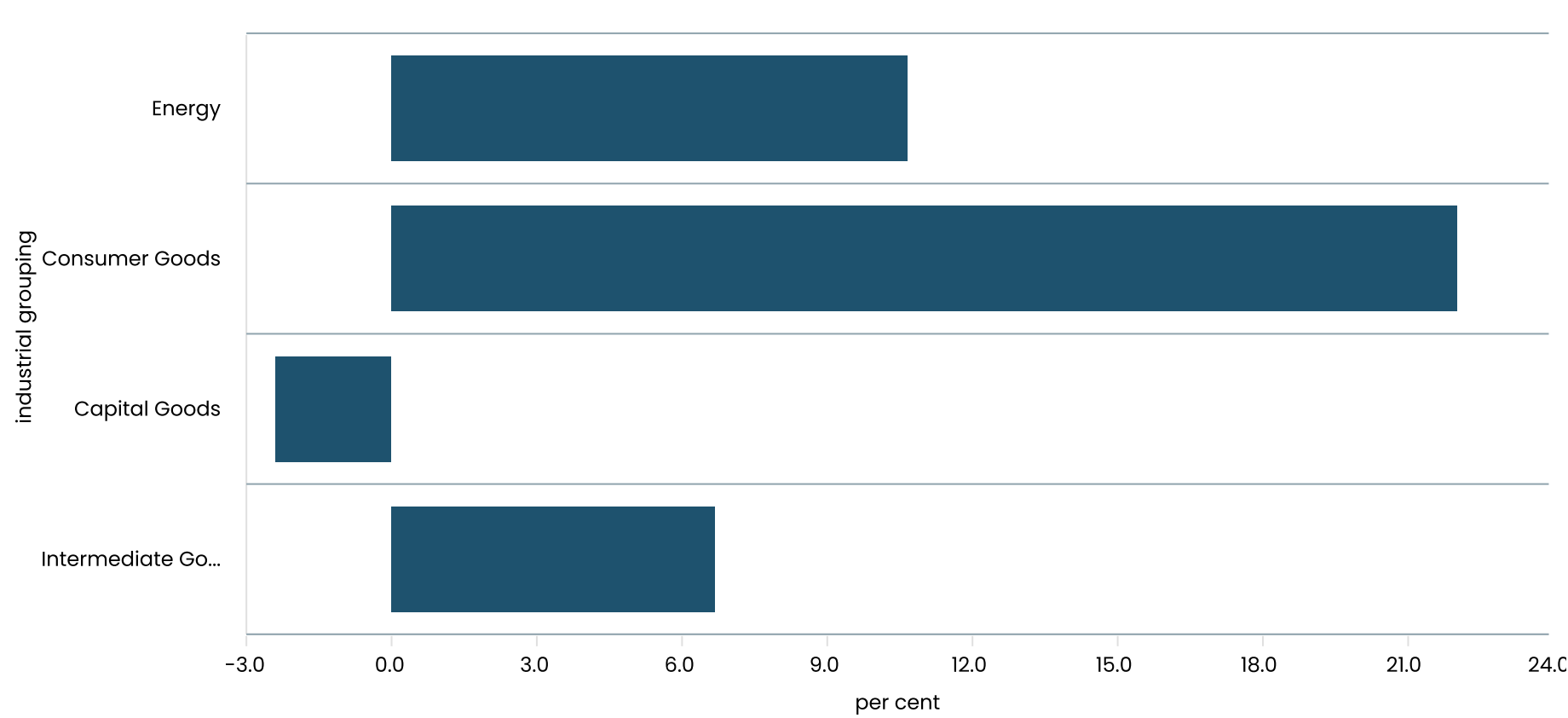
Industrial output – annual comparison by main industrial grouping

The Main Industrial Groupings (MIGs) provide an alternative statistical breakdown of economic activities classified according to end-use categories. They combine several NACE divisions, groups and classes together (see methodological table for further information).

In May 2023, the production of consumer goods, energy and intermediate goods increased by 22.1 per cent, 10.7 per cent and 6.7 per cent respectively. On the contrary, the production of capital goods decreased by 2.4 per cent (Chart 3).

Chart 3. Annual comparison by main industrial grouping

% change compared to the corresponding month of the previous year



Seasonally adjusted industrial production – monthly comparison

A clearer picture of the economic developments can be obtained when indices are adjusted for seasonal effects. These recurring effects are removed from the index series to enable month-to-month comparisons (see methodological points 5 and 6).

The seasonally adjusted index of industrial production for May 2023 decreased by 0.8 per cent when compared to April 2023 and stood at 113.1 index points (2015=100) (Chart 4).

Chart 4. Seasonally adjusted index of industrial production

Index (2015 = 100)

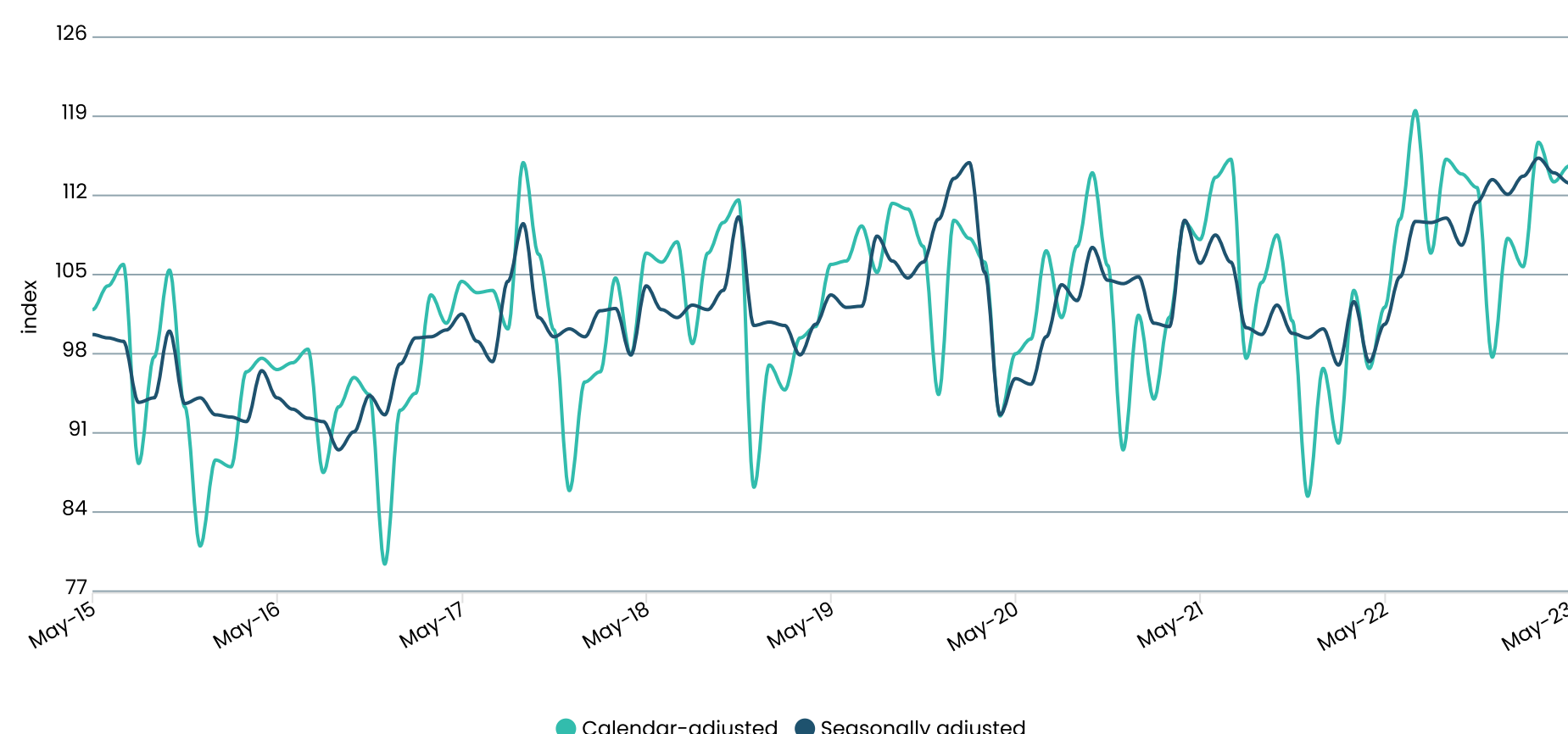


Table 1. Total industrial production indices (calendar adjusted) and annual percentage changes
(index 2015=100)

Month	Total industrial production index	Annual % changes	Total industrial production excluding energy	Annual % changes
	2022			
May	102.1	-5.6	98.3	-4.9
June	109.9	-3.3	103.9	-3.0
July	119.5	3.7	111.1	4.2
August	106.9	9.5	98.3	11.7
September	115.2	10.5	110.1	10.1
October	113.9	5.0	111.7	7.3
November	112.7	11.7	106.7	9.5
December	97.7	14.4	90.8	13.9
2023				
January	108.2	11.9	101.8	11.2
February	105.7	17.3	101.1	18.1
March	116.7	12.6	112.1	14.1
April	113.2	17.1	108.9	13.7
May	114.6	12.3	109.9	11.9

Table 2. Calendar adjusted indices for industrial production by period

Period	Total industry (NACE Sections B to D)	Total industry excluding energy index (NACE Sections B & C)	Total manufacturing (NACE Section C)	Energy (NACE Section D)	Capital goods	Consumer goods	Consumer durable goods	Consumer non-durable goods	Intermediate goods
Jan-00	101.82		95.63	147.21	107.87	87.63	133.96	84.01	99.56
Feb-00	101.21		96.08	131.71	104.51	90.84	120.30	88.59	98.12
Mar-00	110.69		105.93	128.76	110.58	96.05	126.78	93.94	115.06
Apr-00	106.31		102.32	114.14	99.93	102.54	129.05	100.24	103.32
May-00	109.15		104.77	121.39	104.37	101.18	131.67	98.94	109.08
Jun-00	118.38		113.65	126.05	98.73	106.69	122.82	105.46	129.26
Jul-00	116.96		111.31	146.21	111.36	116.11	107.84	116.63	106.22
Aug-00	103.92		97.82	147.94	94.05	97.13	89.09	97.79	100.91
Sep-00	126.84		121.73	134.61	104.57	113.28	111.87	113.27	140.36
Oct-00	120.58		116.05	126.29	101.60	114.11	127.64	113.05	125.21
Nov-00	119.49		115.27	118.12	106.67	114.28	124.64	113.56	120.65
Dec-00	120.09		115.34	124.56	97.14	106.24	113.71	105.42	135.33
Jan-01	106.78		101.44	132.70	109.20	97.17	123.89	95.21	103.24
Feb-01	101.91		97.04	124.08	100.78	92.39	117.58	90.57	100.84
Mar-01	112.48		107.89	126.16	115.56	95.97	130.35	93.44	117.81
Apr-01	99.84		95.23	116.90	104.55	95.64	118.36	93.80	91.16
May-01	105.24		100.28	126.10	109.92	103.34	124.53	101.80	92.84
Jun-01	112.42		107.28	132.81	109.15	101.06	111.21	100.17	113.89
Jul-01	110.65		104.20	155.60	110.44	120.81	113.93	121.33	82.92
Aug-01	97.78		90.96	156.63	108.20	104.43	89.86	105.58	68.37
Sep-01	109.84		103.90	140.47	106.93	104.17	122.30	102.65	103.41
Oct-01	104.42		98.65	139.75	108.23	100.73	146.63	97.38	92.51
Nov-01	102.54		97.71	122.98	109.33	99.40	149.77	95.66	90.82
Dec-01	100.93		95.09	140.28	94.51	97.17	116.74	95.54	93.61
Jan-02	94.63		87.94	151.24	97.64	88.44	129.47	85.40	83.77
Feb-02	95.77		90.81	123.88	98.33	86.41	116.95	84.18	92.58
Mar-02	106.79		101.98	126.85	100.19	91.08	111.37	89.34	115.29
Apr-02	99.83		94.96	121.96	97.70	100.87	137.05	98.32	87.50
May-02	107.40		102.44	127.68	95.18	103.81	132.80	101.68	104.72
Jun-02	113.69		108.01	140.69	95.42	104.49	113.00	103.72	118.84
Jul-02	118.31		111.44	165.57	98.53	119.67	120.52	119.70	108.49
Aug-02	100.60		93.77	160.32	86.63	102.42	97.76	102.74	87.77
Sep-02	109.39		103.15	144.93	93.64	100.19	126.70	98.32	112.29
Oct-02	111.51		106.00	136.69	97.45	106.74	169.97	102.10	109.81
Nov-02	106.68		101.58	128.06	106.56	98.19	175.92	92.14	103.71
Dec-02	104.68		98.78	139.38	84.48	99.09	112.47	98.07	106.12
Jan-03	100.33		93.94	146.03	94.89	91.94	150.37	87.59	96.87
Feb-03	101.35		94.98	149.21	89.93	90.25	154.54	85.28	103.26
Mar-03	115.15		109.55	142.32	106.07	98.76	190.64	91.33	123.68
Apr-03	107.67		102.64	127.52	97.63	100.69	204.37	92.85	107.80
May-03	109.34		104.09	134.00	99.21	104.02	194.21	97.00	107.00
Jun-03	120.44		114.09	156.17	100.92	110.28	169.30	105.99	125.03
Jul-03	121.09		113.04	185.93	103.70	122.43	192.82	117.27	107.32
Aug-03	104.14		96.22	182.26	86.57	104.09	143.77	100.79	92.26
Sep-03	110.95		104.15	151.83	97.40	100.21	186.12	93.91	113.61
Oct-03	113.63		107.55	147.72	107.04	105.05	180.55	99.50	111.30
Nov-03	117.03		111.90	131.84	103.15	116.97	197.79	110.39	111.21
Dec-03	109.00		101.98	145.67	84.69	99.69	159.12	95.37	115.76
Jan-04	101.34		94.56	156.65	94.56	95.93	196.31	88.13	93.66
Feb-04	100.37		94.62	140.43	91.52	88.98	135.31	85.26	102.65
Mar-04	117.20		111.61	142.52	102.83	104.61	202.69	97.29	123.96
Apr-04	115.12		110.16	130.32	96.18	119.97	162.34	116.78	105.81
May-04	107.66		102.42	133.08	97.19	99.81	149.16	95.96	108.28
Jun-04	118.64		112.89	144.04	98.74	114.77	171.48	110.44	118.00
Jul-04	117.17		109.64	176.74	92.36	121.73	142.61	120.11	104.51

Table 2. Calendar adjusted indices for industrial production by period

Period	Total industry (NACE Sections B to D)	Total industry excluding energy index (NACE Sections B & C)	Total manufacturing (NACE Section C)	Energy (NACE Section D)	Capital goods	Consumer goods	Consumer durable goods	Consumer non-durable goods	Intermediate goods
Aug-04	103.87		96.05	179.31	86.10	101.64	180.96	95.73	94.64
Sep-04	116.56		109.90	153.91	102.64	102.40	173.19	96.99	123.24
Oct-04	111.49		105.40	146.81	98.92	104.16	175.98	98.38	110.53
Nov-04	104.68		98.97	134.38	97.44	96.43	125.39	94.30	103.56
Dec-04	106.15		99.83	139.98	88.63	96.82	145.45	93.29	110.19
Jan-05	94.71		87.53	156.49	81.50	83.22	172.15	76.31	96.38
Feb-05	92.42		85.88	148.31	77.90	82.87	157.82	77.07	93.55
Mar-05	105.20		99.11	144.63	86.72	95.73	184.33	89.12	109.35
Apr-05	97.96		92.45	131.39	79.42	94.22	157.24	89.46	97.23
May-05	105.14		99.34	138.28	81.42	101.32	156.49	97.22	106.32
Jun-05	113.22		106.81	150.58	85.99	106.45	159.22	102.42	118.02
Jul-05	109.65		101.63	180.19	80.09	113.05	169.43	108.48	99.90
Aug-05	98.89		91.04	173.67	69.39	103.97	137.94	101.47	87.26
Sep-05	113.94		106.89	159.63	84.93	110.47	146.00	107.76	114.53
Oct-05	104.96		99.81	128.46	84.65	104.06	162.21	99.36	102.97
Nov-05	108.25		102.69	133.50	85.09	112.06	211.53	104.63	101.11
Dec-05	102.88		96.56	143.02	77.67	101.31	141.03	98.27	101.26
Jan-06	93.96		86.86	160.32	77.69	91.48	172.33	85.44	86.28
Feb-06	99.31		93.50	138.82	79.98	97.72	169.77	92.14	95.38
Mar-06	115.44		109.54	142.73	91.15	113.45	202.28	107.11	114.09
Apr-06	103.06		97.91	126.89	78.95	104.86	162.89	100.03	100.05
May-06	105.84		99.93	141.19	79.95	106.11	155.52	102.44	102.91
Jun-06	117.61		111.60	151.48	96.24	111.75	164.28	107.74	118.62
Jul-06	121.96		114.10	183.87	90.34	126.83	175.30	122.87	111.49
Aug-06	110.34		102.57	178.61	88.78	102.42	117.14	101.37	109.60
Sep-06	126.98		120.67	155.40	108.06	115.48	126.07	114.54	133.18
Oct-06	117.15		110.91	149.29	102.07	112.47	151.08	109.49	114.17
Nov-06	114.35		108.81	134.14	99.23	110.42	170.88	105.93	112.41
Dec-06	112.68		107.01	138.27	95.63	97.08	153.37	92.35	124.30
Jan-07	102.03		95.71	143.83	92.29	98.08	160.12	93.46	95.73
Feb-07	107.89		102.37	130.08	111.92	101.55	133.52	99.22	100.01
Mar-07	133.07		127.38	141.46	124.46	122.13	153.88	119.81	135.80
Apr-07	113.99		108.47	131.91	112.22	102.64	131.83	100.29	114.63
May-07	124.88		119.17	141.80	104.69	120.62	137.29	119.43	125.11
Jun-07	136.36		129.94	158.99	119.37	127.25	138.56	126.24	138.78
Jul-07	129.00		121.14	183.78	114.38	124.99	145.96	123.36	120.60
Aug-07	111.77		103.39	187.70	95.97	106.05	127.37	104.50	104.55
Sep-07	134.77		128.16	162.79	136.63	116.22	137.70	114.42	138.28
Oct-07	116.53		109.98	153.87	111.95	100.78	155.75	96.75	120.56
Nov-07	118.15		112.39	140.54	126.21	102.35	144.81	99.20	118.30
Dec-07	107.28		100.79	151.37	104.35	87.62	127.94	84.37	114.67
Jan-08	105.91		99.54	152.24	109.83	92.82	92.89	92.86	102.66
Feb-08	118.75		112.90	145.53	105.57	96.28	137.12	93.33	135.59
Mar-08	112.89		107.23	142.80	119.18	100.82	138.62	97.49	108.63
Apr-08	114.99		109.50	138.45	106.41	106.74	173.42	101.94	114.35
May-08	118.49		112.91	144.01	97.77	115.36	172.25	110.92	117.34
Jun-08	118.02		113.03	131.54	104.79	100.26	176.12	94.71	131.70
Jul-08	127.47		119.30	191.92	92.10	123.01	191.16	118.02	127.89
Aug-08	112.02		103.90	186.72	82.63	105.07	138.91	102.23	112.89
Sep-08	119.15		112.02	169.02	102.06	110.48	135.29	108.74	118.76
Oct-08	119.52		113.63	146.63	91.38	110.26	146.65	107.64	128.16
Nov-08	107.23		102.11	130.97	77.68	99.62	129.99	97.06	116.77
Dec-08	97.03		91.58	133.25	61.64	94.97	108.19	94.07	101.67
Jan-09	93.44		87.57	139.68	70.83	95.73	120.62	93.77	86.37
Feb-09	91.18		85.78	129.56	67.15	93.79	113.87	92.22	85.62

Table 2. Calendar adjusted indices for industrial production by period

Period	Total industry (NACE Sections B to D)	Total industry excluding energy index (NACE Sections B & C)	Total manufacturing (NACE Section C)	Energy (NACE Section D)	Capital goods	Consumer goods	Consumer durable goods	Consumer non-durable goods	Intermediate goods
Mar-09	101.82		96.12	135.41	80.45	100.43	107.28	99.86	99.40
Apr-09	94.71		89.53	125.96	71.50	96.98	131.22	94.40	89.93
May-09	97.98		92.44	135.08	66.75	107.14	177.86	101.37	88.58
Jun-09	98.49		92.28	146.25	79.25	97.16	167.49	92.02	93.06
Jul-09	107.00		99.32	175.60	69.94	113.95	185.35	108.71	96.53
Aug-09	89.14		80.80	182.94	74.11	85.45	158.45	79.77	78.89
Sep-09	100.29		93.61	157.10	85.48	93.18	153.00	88.61	97.99
Oct-09	107.00		101.31	140.62	82.04	101.72	169.89	96.47	110.16
Nov-09	103.30		98.31	126.72	85.76	98.36	173.66	92.50	104.42
Dec-09	92.75		87.18	131.41	70.29	81.51	145.67	76.82	101.98
Jan-10	95.04		88.79	134.88	79.85	82.70	119.01	79.70	100.41
Feb-10	95.66		90.88	123.08	79.06	87.65	109.22	85.96	100.26
Mar-10	108.75		104.37	130.64	86.22	107.90	113.06	107.57	108.24
Apr-10	111.14		107.77	125.11	84.67	103.39	107.91	103.08	123.35
May-10	109.77		105.53	132.74	83.21	106.69	110.01	106.39	114.25
Jun-10	111.24		106.16	140.01	92.26	104.36	105.12	104.30	114.49
Jul-10	125.57		118.05	170.58	84.70	121.88	107.39	122.98	127.88
Aug-10	102.01		92.42	173.13	79.20	84.58	90.83	84.16	107.68
Sep-10	107.47		100.71	150.12	91.08	89.17	108.87	87.66	119.25
Oct-10	111.43		106.12	141.49	87.33	95.14	106.48	94.13	127.65
Nov-10	105.38		100.93	129.19	84.40	96.20	123.70	94.19	113.91
Dec-10	95.41		89.83	133.15	78.28	71.06	97.90	69.13	117.62
Jan-11	113.85		109.27	136.31	83.45	102.31	109.22	101.74	129.04
Feb-11	105.32		101.20	123.88	81.76	97.09	91.47	97.49	114.39
Mar-11	113.98		109.55	134.75	92.45	101.18	92.41	101.98	127.09
Apr-11	110.65		106.94	129.13	87.33	104.04	91.50	104.94	119.03
May-11	108.31		103.63	137.22	88.01	101.77	98.67	102.06	112.56
Jun-11	109.28		103.58	145.08	90.67	99.71	92.67	100.25	113.80
Jul-11	115.00		106.29	173.21	85.93	105.62	98.81	106.03	116.10
Aug-11	98.47		88.41	175.69	81.56	78.51	91.24	77.59	103.42
Sep-11	105.99		98.37	159.96	91.97	91.25	90.90	91.28	109.59
Oct-11	109.73		104.12	146.11	86.52	93.45	91.36	93.51	124.89
Nov-11	97.59		92.12	132.68	82.39	78.04	96.77	76.67	113.70
Dec-11	89.83		83.19	136.48	75.28	70.72	77.51	70.20	102.36
Jan-12	104.90		98.69	143.63	81.37	89.56	95.34	89.18	117.64
Feb-12	108.92		103.56	139.50	80.40	110.78	90.14	112.36	104.94
Mar-12	122.90		119.07	137.72	95.06	131.25	94.10	134.12	114.85
Apr-12	116.06		112.46	131.44	88.98	114.59	93.09	116.19	120.98
May-12	112.51		107.79	141.47	88.99	107.01	91.66	108.22	117.16
Jun-12	111.49		104.48	154.94	91.03	93.46	91.29	93.54	124.21
Jul-12	125.32		116.19	184.33	83.19	123.02	95.94	125.08	122.55
Aug-12	103.84		92.56	188.79	81.59	83.78	83.53	83.85	108.05
Sep-12	111.17		103.92	156.71	91.27	88.83	90.37	88.62	127.93
Oct-12	119.26		113.31	155.17	92.20	103.21	97.37	103.73	134.88
Nov-12	112.31		107.73	135.93	82.42	99.97	98.39	100.14	128.66
Dec-12	98.05		92.02	137.65	74.77	73.27	76.92	72.91	122.46
Jan-13	110.67		105.08	141.42	82.85	99.05	89.17	99.85	122.72
Feb-13	100.89		95.93	128.37	79.38	95.22	91.27	95.58	104.10
Mar-13	115.27		111.05	135.81	97.34	105.23	87.32	106.50	124.18
Apr-13	112.92		109.21	131.98	92.97	108.68	93.58	109.92	116.88
May-13	110.94		106.15	140.72	93.29	109.93	88.94	111.58	107.26
Jun-13	109.61		103.71	146.80	97.72	94.11	86.79	94.59	118.14
Jul-13	107.57		98.36	174.58	91.07	96.49	93.15	96.82	103.84
Aug-13	100.32		89.24	182.10	86.00	82.12	74.11	82.70	99.83
Sep-13	112.24		104.82	160.62	103.09	89.91	92.49	89.80	124.04

Table 2. Calendar adjusted indices for industrial production by period

Period	Total industry (NACE Sections B to D)	Total industry excluding energy index (NACE Sections B & C)	Total manufacturing (NACE Section C)	Energy (NACE Section D)	Capital goods	Consumer goods	Consumer durable goods	Consumer non-durable goods	Intermediate goods
Oct-13	104.10		96.64	154.25	96.84	88.11	91.51	87.93	107.77
Nov-13	102.13		96.71	135.45	91.82	93.33	90.59	93.50	103.35
Dec-13	90.18		83.16	139.31	86.25	69.62	74.85	69.22	98.91
Jan-14	93.82		87.05	141.21	94.65	85.99	90.99	85.66	85.29
Feb-14	95.92		90.99	125.03	90.10	94.37	96.40	94.18	87.38
Mar-14	112.38		107.84	136.13	103.44	103.11	104.42	102.86	115.40
Apr-14	97.83		92.95	131.23	109.11	87.56	97.86	86.80	92.45
May-14	97.76		92.27	138.03	97.10	95.28	103.81	94.59	86.50
Jun-14	110.52		104.54	149.96	107.92	93.16	102.61	92.54	116.96
Jul-14	106.17		97.64	168.73	89.55	100.72	110.63	100.06	97.51
Aug-14	90.58		79.99	172.33	82.48	76.76	90.35	75.57	82.86
Sep-14	105.51		97.29	163.49	107.77	86.20	114.19	84.19	106.36
Oct-14	106.90		100.54	149.33	102.25	100.00	96.75	100.32	100.63
Nov-14	100.03		94.82	132.81	98.54	101.34	91.30	101.99	85.45
Dec-14	86.07		79.54	134.88	86.93	73.43	83.23	72.77	83.72
Jan-15	112.43	106.1	106.09	149.46	97.33	122.88	99.31	119.26	90.43
Feb-15	99.12	93.0	93.02	135.77	96.52	90.25	97.93	90.02	94.50
Mar-15	110.57	105.6	105.63	138.36	106.08	106.77	99.92	107.00	102.91
Apr-15	101.20	101.4	101.38	97.41	104.01	99.84	100.70	98.56	104.41
May-15	101.91	103.8	103.67	90.36	97.71	104.95	110.88	104.32	106.83
Jun-15	103.99	106.7	106.90	83.10	107.36	103.18	101.50	102.88	114.55
Jul-15	105.94	106.7	106.73	103.13	99.06	111.39	100.66	112.48	103.82
Aug-15	88.25	88.0	87.80	100.34	89.04	86.88	84.58	88.39	86.45
Sep-15	97.72	100.1	99.96	84.78	101.90	99.13	97.93	98.99	100.54
Oct-15	105.42	108.7	108.71	81.77	108.72	109.62	106.54	109.56	107.41
Nov-15	93.27	98.2	98.14	60.69	102.34	92.99	111.83	93.53	101.15
Dec-15	81.02	82.6	82.75	74.82	89.92	73.62	88.22	76.43	87.49
Jan-16	88.58	91.1	90.67	75.83	97.73	87.34	98.34	86.10	92.19
Feb-16	87.95	91.5	91.23	65.16	97.86	84.43	101.17	84.58	97.26
Mar-16	96.37	100.6	100.67	66.32	109.72	91.80	106.97	91.31	109.40
Apr-16	97.55	102.3	102.25	65.32	98.15	104.80	100.47	104.38	102.46
May-16	96.55	101.3	101.38	65.80	97.47	100.94	106.70	101.40	104.47
Jun-16	97.21	101.0	100.91	74.06	97.85	99.54	99.74	100.65	104.53
Jul-16	98.42	100.1	99.69	94.44	96.19	98.99	100.23	100.30	102.44
Aug-16	87.45	87.5	87.42	97.01	90.74	85.31	88.09	86.87	86.05
Sep-16	93.32	95.0	94.85	86.45	101.16	83.49	95.82	84.13	109.11
Oct-16	95.93	98.3	98.20	84.86	101.73	89.97	103.38	90.39	108.29
Nov-16	94.38	97.7	97.81	70.93	100.99	91.56	97.32	91.71	106.35
Dec-16	79.45	81.1	81.19	74.16	91.95	65.31	86.11	68.37	94.28
Jan-17	92.95	94.4	94.37	84.37	104.90	85.28	99.32	84.02	103.90
Feb-17	94.54	97.6	97.45	71.48	100.31	88.09	95.61	88.27	112.15
Mar-17	103.19	105.7	105.81	82.99	114.05	92.99	101.13	93.08	123.19
Apr-17	100.73	101.8	101.60	95.15	101.06	96.21	103.32	97.06	109.68
May-17	104.40	106.7	106.80	90.11	108.96	101.32	99.22	102.28	113.99
Jun-17	103.37	100.8	100.84	123.85	106.79	89.51	97.51	91.15	113.44
Jul-17	103.61	98.7	98.60	145.22	104.26	90.39	97.24	92.29	104.76
Aug-17	100.23	92.7	92.67	161.10	97.82	87.58	85.40	89.90	94.33
Sep-17	114.87	106.7	106.60	170.75	109.40	99.05	95.33	101.86	113.48
Oct-17	106.81	101.2	101.15	146.87	107.08	94.19	101.85	94.87	107.36
Nov-17	100.13	100.9	100.90	94.85	104.91	94.83	97.56	95.99	107.04
Dec-17	85.88	81.5	81.18	123.93	92.87	66.62	88.50	69.14	91.09
Jan-18	95.45	94.6	94.60	104.75	104.66	84.99	100.44	84.13	104.58
Feb-18	96.42	92.0	91.92	125.39	102.00	82.00	96.42	81.21	103.01
Mar-18	104.66	105.1	105.03	101.50	112.20	97.61	95.97	97.68	112.80
Apr-18	97.94	98.8	98.78	93.33	103.93	92.64	101.20	92.15	106.44

Table 2. Calendar adjusted indices for industrial production by period

Period	Total industry (NACE Sections B to D)	Total industry excluding energy index (NACE Sections B & C)	Total manufacturing (NACE Section C)	Energy (NACE Section D)	Capital goods	Consumer goods	Consumer durable goods	Consumer non-durable goods	Intermediate goods
May-18	106.92	103.8	103.52	130.14	103.72	98.73	98.89	98.74	114.06
Jun-18	106.08	103.3	102.98	128.30	108.28	98.44	94.23	98.65	107.57
Jul-18	107.93	100.3	99.97	166.37	98.04	96.55	98.31	96.44	109.42
Aug-18	98.89	90.1	90.08	168.76	92.08	87.54	85.45	87.69	93.73
Sep-18	106.88	101.0	100.76	150.59	103.46	95.65	96.90	95.52	108.33
Oct-18	109.60	105.2	105.19	139.79	113.05	98.15	101.20	98.02	112.55
Nov-18	111.58	107.5	107.33	135.83	117.08	103.14	99.07	103.40	107.72
Dec-18	86.16	80.8	80.46	130.07	98.73	68.35	90.76	66.97	87.72
Jan-19	97.05	90.5	90.35	145.69	103.26	77.76	98.06	76.62	104.28
Feb-19	94.85	91.7	91.52	117.07	102.58	81.86	96.31	81.06	101.36
Mar-19	99.39	96.9	96.67	119.47	110.70	83.69	97.78	82.85	109.82
Apr-19	100.36	97.7	97.39	120.87	105.38	90.20	98.07	89.76	105.54
May-19	105.87	102.3	102.07	132.97	105.09	96.77	98.29	96.71	110.91
Jun-19	106.19	100.7	100.39	148.50	110.41	94.24	94.60	94.17	103.75
Jul-19	109.34	103.4	103.29	157.66	102.65	103.71	100.90	103.92	103.83
Aug-19	105.20	97.1	96.98	170.23	96.98	100.14	88.88	100.79	91.17
Sep-19	111.33	107.4	107.29	140.75	107.26	107.80	100.02	108.29	107.13
Oct-19	110.83	107.0	107.00	139.12	109.77	105.63	98.59	106.08	107.59
Nov-19	107.45	105.6	105.38	120.09	104.94	106.00	97.80	106.46	105.18
Dec-19	94.38	88.9	88.56	137.85	105.03	82.85	94.10	82.19	85.83
Jan-20	109.76	101.0	100.77	171.38	116.52	92.92	95.56	92.79	103.01
Feb-20	108.19	101.7	101.18	152.57	108.20	94.25	94.62	94.17	109.40
Mar-20	106.14	101.7	101.30	139.58	103.16	92.74	94.62	92.61	117.50
Apr-20	92.49	88.6	88.40	124.97	84.41	86.40	86.15	86.42	96.67
May-20	98.03	93.9	93.60	132.33	79.11	99.50	86.90	100.18	96.34
Jun-20	99.25	93.7	93.64	142.87	89.64	94.35	91.93	94.53	96.32
Jul-20	107.14	100.2	100.33	160.23	95.77	105.70	89.66	106.66	93.94
Aug-20	101.22	93.4	93.40	164.32	95.88	98.30	83.78	99.13	81.56
Sep-20	107.49	102.7	102.70	143.30	97.58	104.64	86.57	105.69	103.47
Oct-20	113.97	111.9	111.94	128.53	102.21	115.66	88.06	117.27	113.40
Nov-20	105.77	106.9	106.97	98.22	104.94	108.08	93.53	108.91	106.30
Dec-20	89.48	86.4	86.49	116.78	94.74	79.99	82.64	79.88	92.05
Jan-21	101.42	98.9	98.60	121.69	99.68	100.04	89.61	100.60	95.26
Feb-21	94.02	90.8	90.68	117.43	93.39	89.14	87.42	89.22	91.63
Mar-21	101.19	98.2	98.13	123.91	104.30	91.53	91.15	91.58	106.19
Apr-21	109.63	104.5	104.30	143.52	111.24	101.92	87.87	102.75	103.43
May-21	108.10	103.3	103.12	141.72	101.38	104.12	96.77	104.53	103.36
Jun-21	113.58	107.1	106.73	158.20	109.30	109.97	97.51	110.69	99.67
Jul-21	115.24	106.7	106.57	178.21	115.59	103.54	98.47	103.83	104.45
Aug-21	97.61	88.0	87.95	175.19	97.59	85.87	87.40	85.80	83.65
Sep-21	104.32	100.0	99.83	138.80	108.34	95.27	89.60	95.60	101.45
Oct-21	108.46	104.1	103.76	140.95	110.40	98.53	94.94	98.69	108.43
Nov-21	100.93	97.4	97.24	126.83	105.95	91.35	98.74	90.95	101.82
Dec-21	85.40	79.8	79.35	133.39	102.79	67.28	88.60	66.10	84.13
Jan-22	96.73	91.6	91.60	136.59	101.88	86.49	96.17	85.90	91.73
Feb-22	90.11	85.6	85.67	124.38	99.79	75.05	90.21	74.15	93.16
Mar-22	103.56	98.2	98.60	142.58	118.25	85.82	91.60	85.57	105.79
Apr-22	96.66	95.8	95.76	108.14	103.56	89.27	90.78	89.15	101.09
May-22	102.09	98.3	98.16	133.99	105.79	93.55	101.01	93.15	100.99
Jun-22	109.89	103.9	103.91	155.41	104.56	107.03	99.30	107.48	97.12
Jul-22	119.51	111.1	111.00	180.94	104.03	120.17	97.04	121.49	99.59
Aug-22	106.89	98.3	98.40	175.18	101.07	103.81	77.31	105.36	85.12
Sep-22	115.24	110.1	110.22	152.20	109.96	112.01	90.24	113.28	106.35
Oct-22	113.87	111.7	111.62	132.16	115.49	111.40	101.30	111.94	108.16
Nov-22	112.71	106.7	106.86	153.88	110.93	108.64	98.10	109.28	99.31

Table 2. Calendar adjusted indices for industrial production by period

Period	Total industry (NACE Sections B to D)	Total industry excluding energy index (NACE Sections B & C)	Total manufacturing (NACE Section C)	Energy (NACE Section D)	Capital goods	Consumer goods	Consumer durable goods	Consumer non-durable goods	Intermediate goods
Dec-22	97.70	90.8	90.99	150.46	100.30	88.41	100.57	87.70	86.97
Jan-23	108.20	101.8	102.02	153.42	116.99	96.37	105.89	95.85	99.11
Feb-23	105.73	101.1	101.20	135.36	104.52	100.17	98.35	100.26	99.72
Mar-23	116.66	112.1	112.43	146.39	123.89	110.03	106.28	110.32	106.49
Apr-23	113.18	108.9	108.55	142.59	118.77	107.88	104.30	108.00	100.75
May-23	114.62	109.9	109.70	148.36	103.22	114.27	107.79	114.67	107.75

Table 3. Seasonally adjusted indices for industrial production by period

Period	Total industry (NACE Sections B to D)	Total industry excluding energy index (NACE Sections B & C)	Total manufacturing (NACE Section C)	Energy (NACE Section D)	Capital goods	Consumer goods	Consumer durable goods	Consumer non-durable goods	Intermediate goods
Jan-00	110.17		104.62	142.80	108.79	98.29	124.66	95.94	108.07
Feb-00	110.17		104.83	140.21	108.48	102.75	126.36	100.99	107.17
Mar-00	108.05		102.78	136.29	104.02	101.51	120.60	100.37	106.53
Apr-00	111.10		106.22	131.95	102.06	103.90	123.87	102.28	110.46
May-00	110.21		105.20	132.01	104.55	100.77	126.02	98.90	110.29
Jun-00	111.06		106.09	125.59	97.98	103.26	126.36	101.39	113.55
Jul-00	109.57		105.08	119.70	107.86	100.06	112.39	98.69	113.39
Aug-00	110.91		106.38	121.87	101.47	98.65	114.73	97.28	119.59
Sep-00	118.71		113.91	127.96	101.53	109.05	115.90	108.37	120.56
Oct-00	116.47		111.68	127.09	98.79	109.25	114.43	108.90	122.48
Nov-00	117.41		112.26	132.19	100.91	110.43	107.56	110.65	120.68
Dec-00	120.97		116.15	129.41	105.68	108.73	123.09	107.17	122.52
Jan-01	115.59		111.01	128.47	110.50	108.63	115.36	108.28	115.20
Feb-01	110.86		105.79	132.74	104.80	104.72	124.12	103.44	110.58
Mar-01	109.43		104.27	133.75	108.66	101.23	123.99	99.70	103.66
Apr-01	104.22		98.76	134.67	106.52	96.84	113.74	95.63	100.37
May-01	106.06		100.48	136.73	110.19	102.60	119.83	101.38	96.08
Jun-01	105.32		99.97	132.12	107.77	97.58	114.97	95.98	94.52
Jul-01	103.33		98.06	128.66	107.29	103.59	117.78	102.13	88.54
Aug-01	104.16		98.75	130.26	116.78	105.36	115.04	104.35	85.52
Sep-01	103.36		97.83	133.78	103.54	101.09	126.50	99.06	89.31
Oct-01	101.18		95.27	140.59	104.79	97.05	131.23	94.48	88.47
Nov-01	101.18		95.58	137.24	103.18	96.81	128.03	94.10	91.27
Dec-01	102.42		96.55	145.32	103.00	100.13	127.26	97.69	89.49
Jan-02	102.81		96.64	147.30	99.39	98.89	120.40	97.14	95.41
Feb-02	104.14		98.94	132.75	102.53	98.24	124.85	96.42	96.54
Mar-02	103.51		98.13	134.57	94.14	95.37	105.86	94.74	102.24
Apr-02	103.65		97.87	139.78	99.30	101.45	131.69	99.55	96.66
May-02	107.90		102.24	138.43	95.67	102.70	128.85	100.84	105.39
Jun-02	106.25		100.37	139.72	93.64	100.11	116.91	98.49	103.36
Jul-02	109.85		104.27	137.99	96.24	102.25	123.07	100.42	109.41
Aug-02	106.87		101.54	133.41	94.04	103.01	123.66	101.30	104.08
Sep-02	103.42		97.67	138.16	90.25	98.14	131.40	95.83	103.74
Oct-02	108.17		102.45	137.63	93.86	103.44	153.59	99.59	103.50
Nov-02	105.53		99.63	142.58	100.37	95.98	149.84	90.93	103.72
Dec-02	107.03		101.12	144.86	92.19	103.10	123.80	101.10	104.50
Jan-03	109.41		103.62	142.57	97.21	102.99	139.42	99.89	107.32
Feb-03	110.31		103.62	158.31	94.03	102.85	166.79	97.84	110.98
Mar-03	111.17		104.94	150.12	99.40	102.04	178.61	95.72	111.39
Apr-03	111.11		105.03	145.40	99.07	100.41	197.39	93.12	112.77
May-03	109.81		103.83	144.84	100.01	103.00	190.53	96.21	108.96
Jun-03	112.38		105.83	154.95	98.24	104.77	173.40	99.81	110.84
Jul-03	112.23		105.64	157.65	101.93	104.74	193.88	98.60	107.63
Aug-03	110.36		104.02	154.63	94.54	105.00	178.48	99.99	107.78
Sep-03	104.95		98.67	144.78	92.93	98.56	194.26	91.97	104.34
Oct-03	110.41		104.10	148.65	102.59	102.38	166.98	97.50	108.28
Nov-03	115.85		109.79	146.55	97.23	114.41	169.57	108.71	108.73
Dec-03	112.12		105.08	151.66	92.26	104.91	175.67	99.51	111.26
Jan-04	110.97		104.77	153.75	97.56	107.91	181.98	101.08	107.90
Feb-04	109.36		103.34	149.99	95.91	101.40	145.94	97.80	111.12
Mar-04	112.86		106.63	150.45	96.18	106.35	186.59	100.31	111.16

Table 3. Seasonally adjusted indices for industrial production by period

Period	Total industry (NACE Sections B to D)	Total industry excluding energy index (NACE Sections B & C)	Total manufacturing (NACE Section C)	Energy (NACE Section D)	Capital goods	Consumer goods	Consumer durable goods	Consumer non-durable goods	Intermediate goods
Apr-04	118.29		112.17	148.22	97.69	119.12	158.81	116.28	111.09
May-04	108.04		102.07	143.89	98.51	98.63	148.26	94.75	108.39
Jun-04	110.69		104.66	142.67	95.37	108.42	173.11	103.49	105.96
Jul-04	108.52		102.45	147.96	91.55	104.41	141.39	101.41	106.77
Aug-04	109.80		103.66	151.03	94.39	102.94	220.30	95.65	108.26
Sep-04	109.58		103.40	146.42	96.60	100.11	183.01	94.29	108.98
Oct-04	108.43		102.09	147.63	94.60	101.93	166.06	96.72	106.85
Nov-04	103.98		97.48	149.19	92.01	94.66	108.25	93.08	105.82
Dec-04	109.89		103.49	146.50	96.12	103.30	160.75	98.92	106.40
Jan-05	104.08		97.35	154.24	84.60	94.03	160.60	87.92	106.65
Feb-05	100.58		93.65	158.54	81.59	93.84	167.90	87.91	103.16
Mar-05	101.15		94.53	152.77	80.89	95.79	168.82	90.27	102.05
Apr-05	100.81		94.31	149.23	80.78	94.23	155.79	89.65	102.25
May-05	105.21		98.72	148.86	83.18	99.38	156.63	95.17	105.02
Jun-05	105.73		99.10	148.93	82.47	100.66	159.45	96.26	103.78
Jul-05	101.50		94.99	150.94	80.01	97.29	164.60	92.20	102.02
Aug-05	104.25		98.09	144.78	76.28	106.14	165.47	102.29	99.69
Sep-05	106.64		100.07	151.61	78.99	107.09	155.85	103.58	101.37
Oct-05	102.21		96.79	129.13	81.16	102.14	154.67	97.89	99.85
Nov-05	107.76		101.35	148.35	80.68	110.50	184.29	103.88	100.28
Dec-05	107.61		101.17	150.02	84.27	110.17	155.53	106.58	99.50
Jan-06	103.50		96.79	158.96	81.00	103.06	161.99	97.81	99.91
Feb-06	107.47		101.24	149.92	83.43	109.06	178.64	103.45	103.95
Mar-06	110.61		104.05	151.18	84.54	111.47	186.73	106.07	104.29
Apr-06	105.97		99.79	144.60	80.16	105.53	163.02	100.89	105.07
May-06	105.66		99.06	151.49	82.31	102.63	155.94	98.86	103.53
Jun-06	110.17		103.89	149.45	91.78	105.96	163.65	101.77	107.78
Jul-06	112.51		106.31	154.19	90.78	109.22	166.92	104.86	112.10
Aug-06	116.25		110.61	148.99	97.67	105.86	138.38	103.65	118.88
Sep-06	118.66		112.79	146.80	99.39	111.74	134.65	109.81	116.45
Oct-06	113.98		107.54	149.77	98.26	110.87	144.25	108.35	114.61
Nov-06	114.29		107.87	148.98	94.40	109.91	151.75	106.30	112.72
Dec-06	119.43		113.67	145.70	104.34	108.47	168.38	103.33	116.04
Jan-07	112.21		106.33	143.57	96.34	109.61	151.52	105.52	112.93
Feb-07	116.06		110.01	142.10	116.46	111.84	140.08	109.61	114.34
Mar-07	127.38		120.82	150.27	114.84	118.64	145.23	116.67	121.41
Apr-07	116.70		110.00	149.35	113.24	103.00	132.97	100.80	120.80
May-07	124.02		117.42	151.86	108.16	114.46	137.31	113.14	125.87
Jun-07	128.15		121.36	156.65	113.45	121.14	137.51	120.06	121.48
Jul-07	118.65		112.59	153.83	115.68	107.23	136.86	105.18	121.99
Aug-07	117.85		111.89	157.33	105.63	110.79	146.87	108.43	117.44
Sep-07	126.36		120.33	153.59	124.86	112.89	145.32	110.31	121.86
Oct-07	113.00		106.30	154.19	108.07	99.30	148.21	95.74	115.50
Nov-07	118.35		111.65	155.36	120.16	102.88	131.47	100.53	117.85
Dec-07	115.50		108.89	159.16	114.68	100.30	141.31	96.88	114.47
Jan-08	115.59		109.53	152.98	114.24	102.50	88.74	102.95	113.01
Feb-08	126.83		120.27	158.27	110.16	104.96	143.49	101.72	151.56
Mar-08	108.62		102.23	151.94	109.85	97.52	134.28	94.04	107.59
Apr-08	116.85		110.07	155.55	106.75	106.08	174.79	101.36	115.19
May-08	117.21		110.71	153.85	100.95	107.96	171.13	103.82	116.38
Jun-08	112.12		106.80	129.00	99.29	96.57	174.27	91.44	123.96

Table 3. Seasonally adjusted indices for industrial production by period

Period	Total industry (NACE Sections B to D)	Total industry excluding energy index (NACE Sections B & C)	Total manufacturing (NACE Section C)	Energy (NACE Section D)	Capital goods	Consumer goods	Consumer durable goods	Consumer non-durable goods	Intermediate goods
Jul-08	116.60		110.31	161.84	93.67	105.17	177.18	100.51	120.94
Aug-08	118.20		112.89	155.71	90.54	111.51	156.77	108.30	123.15
Sep-08	112.74		106.36	159.26	93.20	108.65	141.00	106.46	114.40
Oct-08	114.89		108.77	146.74	88.18	107.87	139.67	105.72	117.62
Nov-08	107.56		101.49	145.76	74.24	100.42	119.62	98.66	110.47
Dec-08	105.74		100.24	141.40	68.25	110.89	120.49	110.28	104.61
Jan-09	100.80		95.05	141.26	73.39	104.05	116.11	102.01	96.94
Feb-09	97.26		91.19	142.99	70.38	101.13	118.84	99.12	94.64
Mar-09	97.75		91.31	144.80	74.31	96.01	105.84	94.71	94.31
Apr-09	95.43		89.02	142.69	71.40	94.96	131.37	92.18	90.75
May-09	96.90		90.55	144.69	68.68	99.47	175.55	94.11	90.95
Jun-09	94.26		87.94	143.62	74.91	94.18	166.45	89.40	88.11
Jul-09	97.77		91.82	145.63	71.37	97.15	172.45	92.31	91.40
Aug-09	94.55		88.68	151.51	80.68	92.90	177.01	86.89	89.82
Sep-09	96.06		90.22	146.99	78.40	93.52	157.64	88.89	94.12
Oct-09	102.55		96.67	140.40	79.11	99.21	162.66	94.51	99.21
Nov-09	103.94		97.97	141.35	82.75	99.36	160.16	94.41	102.40
Dec-09	102.41		96.82	139.75	78.13	97.97	162.60	92.99	106.25
Jan-10	101.09		94.81	137.06	82.44	88.29	114.58	85.26	104.90
Feb-10	101.56		96.03	137.09	82.98	93.40	113.35	91.27	110.13
Mar-10	103.77		98.31	140.21	79.71	101.33	112.10	100.03	108.37
Apr-10	110.71		105.60	141.42	83.92	99.38	107.91	98.56	116.79
May-10	108.29		102.96	142.14	84.80	98.53	108.11	98.04	114.84
Jun-10	106.89		101.59	137.30	87.00	101.03	105.00	100.95	115.26
Jul-10	114.67		109.19	140.87	86.40	103.90	100.90	104.21	118.93
Aug-10	108.51		102.16	141.55	85.92	93.83	101.17	93.59	118.93
Sep-10	103.91		98.20	139.87	84.08	90.86	110.72	89.47	116.18
Oct-10	106.85		101.34	140.91	84.27	92.82	102.54	92.17	116.01
Nov-10	106.71		101.23	143.68	82.57	97.67	114.29	96.63	116.51
Dec-10	106.84		101.40	141.60	87.21	88.00	109.72	86.34	122.67
Jan-11	119.47		114.80	138.93	86.02	106.93	105.31	106.64	128.95
Feb-11	111.10		106.07	138.32	85.96	102.22	94.34	102.37	125.28
Mar-11	108.02		102.24	144.50	85.41	93.57	91.66	93.47	123.07
Apr-11	109.44		103.83	145.04	85.90	98.54	91.37	98.90	116.43
May-11	106.73		100.87	146.47	88.85	93.80	96.56	93.79	114.11
Jun-11	105.24		99.38	142.20	85.47	96.95	92.66	97.41	111.69
Jul-11	105.56		99.00	143.79	87.64	90.66	93.27	90.45	111.33
Aug-11	104.97		98.26	144.03	88.41	88.10	101.32	87.28	113.28
Sep-11	102.82		96.32	149.61	85.36	93.58	91.53	93.87	109.20
Oct-11	105.20		99.45	145.12	83.40	90.82	88.30	91.08	112.41
Nov-11	99.15		92.66	147.08	81.51	79.22	90.41	78.50	112.25
Dec-11	101.76		95.16	145.00	84.02	89.37	87.80	89.33	112.24
Jan-12	109.56		103.14	146.58	83.74	92.50	92.59	92.43	116.52
Feb-12	114.50		108.14	154.30	84.66	115.81	92.04	117.30	113.88
Mar-12	115.75		110.19	147.68	87.69	120.26	92.88	121.99	113.84
Apr-12	114.36		108.63	147.00	86.91	107.82	92.32	108.93	116.71
May-12	110.74		104.69	150.68	89.26	98.42	89.30	99.25	117.89
Jun-12	107.39		100.23	151.82	85.82	91.51	91.10	91.56	119.36
Jul-12	115.70		109.00	155.20	84.97	107.03	90.76	108.21	119.61
Aug-12	110.67		103.05	157.08	88.62	94.35	93.11	94.55	120.92
Sep-12	107.76		101.66	146.30	85.10	91.33	90.12	91.44	122.12

Table 3. Seasonally adjusted indices for industrial production by period

Period	Total industry (NACE Sections B to D)	Total industry excluding energy index (NACE Sections B & C)	Total manufacturing (NACE Section C)	Energy (NACE Section D)	Capital goods	Consumer goods	Consumer durable goods	Consumer non-durable goods	Intermediate goods
Oct-12	114.05		108.00	153.78	88.66	99.78	94.15	100.42	124.89
Nov-12	113.71		107.78	150.26	82.00	100.11	93.18	100.81	128.50
Dec-12	111.74		105.95	146.16	83.46	93.61	87.85	93.53	127.23
Jan-13	115.46		109.73	144.59	84.98	102.14	87.38	103.41	125.48
Feb-13	106.18		100.34	143.58	83.59	98.84	92.33	99.19	116.84
Mar-13	108.43		102.61	145.96	89.86	96.28	85.66	96.94	115.86
Apr-13	111.35		105.60	147.13	90.31	102.45	92.24	103.47	114.20
May-13	109.09		102.93	149.96	93.41	100.81	86.09	102.07	109.73
Jun-13	105.18		98.99	143.44	92.22	92.01	86.34	92.47	109.43
Jul-13	100.17		93.17	145.87	93.21	85.43	88.30	85.31	106.77
Aug-13	106.84		99.32	150.55	93.89	92.28	83.19	92.91	110.83
Sep-13	108.22		101.92	150.13	96.59	92.22	91.39	92.49	110.56
Oct-13	99.51		92.17	152.58	92.96	84.75	88.74	84.62	106.17
Nov-13	103.03		96.24	149.75	91.39	92.02	87.14	92.38	103.24
Dec-13	103.31		96.33	147.70	95.99	89.57	85.82	89.08	100.18
Jan-14	98.19		91.29	144.45	96.50	89.21	89.78	89.42	95.55
Feb-14	100.81		95.11	140.52	94.48	97.85	97.08	97.73	96.29
Mar-14	105.65		99.60	146.36	95.60	95.02	101.79	94.52	97.48
Apr-14	96.81		90.31	145.91	105.74	83.20	96.29	82.59	95.57
May-14	96.11		89.41	147.35	97.36	87.51	99.61	86.79	92.86
Jun-14	105.55		99.14	146.28	102.16	90.31	101.66	89.69	100.26
Jul-14	99.20		92.76	140.39	91.79	90.19	105.24	89.19	96.83
Aug-14	96.52		88.98	141.04	90.52	85.52	101.64	84.01	98.52
Sep-14	101.57		94.47	153.05	101.76	87.65	112.37	85.95	95.37
Oct-14	101.73		95.41	147.58	97.99	95.10	93.89	95.40	93.98
Nov-14	100.66		93.97	147.18	97.76	98.96	88.63	99.59	89.13
Dec-14	99.31		92.89	143.11	96.36	94.90	94.99	93.59	92.38
Jan-15	117.63	109.81	111.30	152.73	98.63	128.60	98.28	125.95	93.31
Feb-15	103.97	99.12	97.22	151.38	100.62	94.51	98.56	94.47	98.89
Mar-15	104.52	102.84	98.28	148.67	98.15	99.99	97.25	100.18	97.12
Apr-15	100.10	99.66	98.61	111.66	101.16	95.06	99.09	94.17	103.16
May-15	99.74	99.95	99.98	99.75	98.17	96.46	105.90	95.92	104.00
Jun-15	99.35	102.59	101.48	79.05	102.29	99.12	100.52	98.76	106.42
Jul-15	99.10	101.61	101.52	74.98	101.35	100.47	96.63	100.95	101.73
Aug-15	93.66	94.63	97.03	69.12	97.70	95.10	95.34	96.27	99.69
Sep-15	94.06	96.23	97.04	74.52	97.15	99.52	97.05	99.60	97.12
Oct-15	100.01	101.42	102.77	80.05	104.08	103.36	102.96	103.34	99.98
Nov-15	93.59	94.98	96.68	75.14	101.08	90.35	108.49	90.84	99.25
Dec-15	94.06	97.50	97.13	82.88	99.14	95.70	99.51	98.38	98.79
Jan-16	92.58	94.25	94.97	79.26	98.40	92.12	97.23	91.91	97.75
Feb-16	92.42	97.48	95.42	80.99	101.49	89.37	101.78	89.90	99.86
Mar-16	91.97	98.01	94.46	76.76	101.58	87.74	104.04	87.50	100.98
Apr-16	96.54	100.54	99.75	79.33	96.03	99.80	98.77	99.86	100.99
May-16	94.08	97.57	97.46	75.16	98.06	92.71	102.13	93.21	101.89
Jun-16	93.05	97.05	96.30	69.62	94.01	95.23	98.90	96.15	99.22
Jul-16	92.27	95.32	95.27	66.26	98.19	90.27	96.93	91.01	101.62
Aug-16	92.00	94.12	95.74	65.52	99.29	91.35	99.14	92.42	99.25
Sep-16	89.53	91.32	91.85	76.35	97.32	82.52	95.66	83.12	103.35
Oct-16	91.06	91.70	92.90	83.26	97.48	84.72	99.65	85.18	102.39
Nov-16	94.27	94.54	95.64	85.48	99.41	88.16	94.64	88.29	105.41
Dec-16	92.64	95.75	95.61	82.16	100.78	85.23	95.80	88.22	106.37

Table 3. Seasonally adjusted indices for industrial production by period

Period	Total industry (NACE Sections B to D)	Total industry excluding energy index (NACE Sections B & C)	Total manufacturing (NACE Section C)	Energy (NACE Section D)	Capital goods	Consumer goods	Consumer durable goods	Consumer non-durable goods	Intermediate goods
Jan-17	97.05	97.71	98.55	88.17	105.00	90.42	97.86	90.27	109.49
Feb-17	99.44	103.98	101.84	87.71	103.75	93.87	96.25	94.61	112.57
Mar-17	99.47	102.91	100.00	93.62	105.89	90.31	98.62	90.78	112.36
Apr-17	100.13	100.06	99.76	109.20	99.23	92.56	101.52	93.80	110.52
May-17	101.50	102.73	102.61	99.33	109.79	93.37	95.53	94.34	109.28
Jun-17	99.10	96.89	96.73	118.97	103.14	85.67	96.79	87.07	107.89
Jul-17	97.32	94.06	94.62	116.73	106.17	83.17	94.40	84.51	106.77
Aug-17	104.43	99.66	100.52	129.04	106.67	91.89	95.84	93.67	106.63
Sep-17	109.45	102.57	102.54	160.72	105.97	95.89	95.50	98.32	106.90
Oct-17	101.22	94.41	95.38	145.47	102.61	88.20	98.19	88.83	103.16
Nov-17	99.47	97.58	97.83	109.48	102.84	90.04	94.99	91.04	105.61
Dec-17	100.24	96.12	95.70	131.84	101.09	86.71	96.93	89.27	103.68
Jan-18	99.55	97.93	98.57	108.70	104.34	90.73	98.66	90.93	107.27
Feb-18	101.79	98.07	96.41	141.83	105.44	88.24	97.12	87.98	104.42
Mar-18	102.01	102.36	100.17	112.21	104.75	96.61	94.04	97.12	105.97
Apr-18	97.95	97.17	97.85	107.59	102.10	90.86	99.90	90.74	104.82
May-18	104.00	99.94	99.95	139.18	105.06	91.86	95.75	91.92	108.37
Jun-18	101.85	99.31	99.17	123.13	105.06	94.17	93.56	94.18	106.09
Jul-18	101.20	95.51	95.81	137.81	99.64	88.71	95.52	88.24	108.06
Aug-18	102.31	96.90	97.00	136.55	100.16	90.29	95.56	89.84	106.16
Sep-18	101.86	97.06	96.54	140.93	100.88	90.99	97.28	90.52	105.75
Oct-18	103.59	98.14	98.51	138.74	108.21	90.94	97.81	90.71	104.26
Nov-18	110.11	103.96	103.13	150.75	114.36	96.82	96.36	96.89	105.11
Dec-18	100.52	95.31	94.69	137.90	106.52	87.94	97.89	86.00	102.57
Jan-19	100.81	93.72	93.87	149.53	102.53	83.28	96.22	82.90	105.20
Feb-19	100.45	97.69	96.18	133.43	106.10	88.87	97.12	88.57	102.53
Mar-19	97.92	94.46	93.21	130.00	104.01	84.80	96.09	84.31	103.69
Apr-19	100.56	96.07	97.38	135.18	103.28	90.40	97.75	90.23	103.49
May-19	103.23	98.53	99.30	141.69	107.26	91.30	95.57	91.24	105.26
Jun-19	102.09	96.83	97.21	142.78	107.64	90.20	93.61	89.97	103.33
Jul-19	102.17	98.48	98.62	128.90	103.78	94.66	98.00	94.45	103.97
Aug-19	108.36	104.38	103.77	138.00	104.98	102.06	99.00	102.08	103.18
Sep-19	106.22	103.22	102.43	131.55	105.08	101.52	100.78	101.54	103.24
Oct-19	104.66	99.77	99.58	138.55	105.16	96.86	95.68	97.02	100.45
Nov-19	106.05	102.11	100.98	135.64	102.58	99.24	94.92	99.48	101.65
Dec-19	109.92	104.84	103.70	145.81	112.54	105.17	100.24	104.63	100.40
Jan-20	113.46	104.54	104.10	175.28	115.31	98.82	93.64	99.48	106.44
Feb-20	114.95	108.37	106.51	168.78	112.20	102.91	95.60	103.44	107.43
Mar-20	105.15	99.11	98.24	149.68	97.25	95.45	93.09	95.71	105.84
Apr-20	92.60	87.09	88.95	139.16	82.42	87.70	86.67	87.92	98.16
May-20	95.83	90.48	91.78	140.86	81.30	94.89	84.51	95.55	94.71
Jun-20	95.29	90.03	90.87	136.55	87.83	89.80	90.27	89.82	93.96
Jul-20	99.48	95.47	95.33	131.04	96.13	95.76	87.04	96.21	93.84
Aug-20	104.09	100.42	99.77	132.01	103.25	100.03	93.27	100.31	96.15
Sep-20	102.75	98.70	98.03	134.47	95.80	98.40	87.93	98.93	98.40
Oct-20	107.42	104.36	103.64	128.45	97.95	105.58	85.78	106.72	103.64
Nov-20	104.54	103.41	102.62	114.40	102.78	101.89	90.64	102.53	103.41
Dec-20	104.22	101.97	101.27	125.10	101.27	101.17	87.40	101.61	103.18
Jan-21	104.85	102.40	101.69	125.88	98.78	105.84	87.65	107.15	98.06
Feb-21	100.72	96.83	96.28	133.72	97.42	98.36	88.72	99.04	96.42
Mar-21	100.40	95.75	95.52	133.51	98.11	94.76	89.84	95.14	97.60

Table 3. Seasonally adjusted indices for industrial production by period

Period	Total industry (NACE Sections B to D)	Total industry excluding energy index (NACE Sections B & C)	Total manufacturing (NACE Section C)	Energy (NACE Section D)	Capital goods	Consumer goods	Consumer durable goods	Consumer non-durable goods	Intermediate goods
Apr-21	109.79	102.73	104.52	157.45	108.33	103.49	88.77	104.47	99.72
May-21	105.99	99.55	101.25	150.09	104.48	99.78	93.54	100.20	100.98
Jun-21	108.46	102.99	103.00	151.38	107.40	102.93	95.02	103.38	99.80
Jul-21	106.13	101.55	100.41	148.49	115.48	92.49	95.43	92.30	101.08
Aug-21	100.30	94.54	93.95	142.85	104.88	87.26	97.86	86.69	98.05
Sep-21	99.71	96.09	95.18	130.27	106.41	89.47	91.71	89.32	98.41
Oct-21	102.25	97.08	96.04	141.34	105.67	90.14	92.49	90.01	98.38
Nov-21	99.82	94.20	93.75	143.25	103.91	86.94	95.76	86.47	98.37
Dec-21	99.36	94.12	93.06	142.01	109.81	85.15	93.02	84.33	96.53
Jan-22	100.18	94.80	94.75	140.96	100.90	91.99	93.71	91.99	95.13
Feb-22	96.96	91.31	91.49	140.88	104.45	83.68	91.89	83.19	95.91
Mar-22	102.56	95.75	95.98	151.83	110.52	88.99	90.34	89.00	97.37
Apr-22	97.28	94.25	96.00	121.83	100.77	90.93	91.71	90.94	98.49
May-22	100.55	94.68	96.64	142.23	109.32	90.37	97.18	90.05	97.82
Jun-22	104.79	99.85	100.09	148.28	103.12	99.30	96.45	99.46	97.16
Jul-22	109.67	105.79	104.11	150.85	104.05	106.03	94.11	106.60	98.41
Aug-22	109.59	105.59	104.80	142.79	108.65	104.91	87.43	105.77	99.06
Sep-22	109.98	105.80	104.84	143.75	108.05	104.75	92.90	105.33	100.18
Oct-22	107.55	104.16	103.39	132.90	110.44	102.12	98.62	102.31	99.10
Nov-22	111.36	103.18	103.21	170.44	108.88	103.78	95.44	104.27	98.34
Dec-22	113.44	107.18	106.64	159.32	107.24	111.38	104.91	111.47	99.70
Jan-23	112.07	105.43	105.64	157.90	115.52	103.13	102.85	103.30	100.83
Feb-23	113.75	107.82	108.07	152.06	109.49	111.71	100.32	112.47	101.07
Mar-23	115.29	109.24	109.25	155.53	115.24	113.64	104.59	114.27	99.97
Apr-23	114.02	107.13	108.83	156.17	115.35	110.16	105.13	110.47	100.20
May-23	113.07	105.92	108.10	156.50	106.92	110.85	103.58	111.36	101.91

Table 4. Unadjusted indices for industrial production by period

Period	Total industry (NACE Sections B to D)	Total industry excluding energy index (NACE Sections B & C)	Total manufacturing (NACE Section C)	Energy (NACE Section D)	Capital goods	Consumer goods	Consumer durable goods	Consumer non-durable goods	Intermediate goods
Jan-00	101.14		94.93	147.21	107.87	86.67	133.96	83.06	98.91
Feb-00	101.21		96.08	131.71	104.51	90.84	120.30	88.59	98.12
Mar-00	113.49		108.86	128.76	110.58	100.06	126.78	98.02	117.89
Apr-00	103.45		99.32	114.14	99.93	98.07	129.05	95.71	100.62
May-00	110.13		105.80	121.39	104.37	102.67	131.67	100.46	110.04
Jun-00	118.38		113.65	126.05	98.73	106.69	122.82	105.46	129.26
Jul-00	114.88		109.15	146.21	111.36	112.75	107.84	113.13	104.38
Aug-00	104.86		98.78	147.94	94.05	98.57	89.09	99.29	101.79
Sep-00	124.86		119.66	134.61	104.57	110.40	111.87	110.29	138.23
Oct-00	120.31		115.77	126.29	101.60	113.69	127.64	112.62	124.94
Nov-00	120.57		116.41	118.12	106.67	115.97	124.64	115.31	121.71
Dec-00	116.37		111.45	124.56	97.14	100.92	113.71	99.94	131.26
Jan-01	107.74		102.44	132.70	109.20	98.61	123.89	96.68	104.14
Feb-01	103.06		98.24	124.08	100.78	94.11	117.58	92.31	101.94
Mar-01	113.53		108.99	126.16	115.56	97.44	130.35	94.92	118.88
Apr-01	98.70		94.04	116.90	104.55	93.86	118.36	91.98	90.14
May-01	106.19		101.27	126.10	109.92	104.87	124.53	103.37	93.65
Jun-01	110.67		105.45	132.81	109.15	98.50	111.21	97.53	112.16
Jul-01	110.40		103.94	155.60	110.44	120.37	113.93	120.86	82.74
Aug-01	98.66		91.86	156.63	108.20	105.97	89.86	107.20	68.97
Sep-01	108.13		102.13	140.47	106.93	101.53	122.30	99.94	101.85
Oct-01	105.84		100.11	139.75	108.23	102.97	146.63	99.63	93.72
Nov-01	103.47		98.67	122.98	109.33	100.87	149.77	97.13	91.62
Dec-01	99.36		93.47	140.28	94.51	94.70	116.74	93.02	92.20
Jan-02	95.48		88.81	151.24	97.64	89.75	129.47	86.71	84.51
Feb-02	96.85		91.93	123.88	98.33	88.01	116.95	85.80	93.60
Mar-02	104.45		99.54	126.85	100.19	87.84	111.37	86.04	112.84
Apr-02	101.84		97.05	121.96	97.70	104.21	137.05	101.70	89.20
May-02	108.37		103.45	127.68	95.18	105.34	132.80	103.24	105.64
Jun-02	111.92		106.17	140.69	95.42	101.84	113.00	100.99	117.04
Jul-02	119.91		113.09	165.57	98.53	122.33	120.52	122.47	109.92
Aug-02	99.92		93.08	160.32	86.63	101.30	97.76	101.57	87.20
Sep-02	111.12		104.94	144.93	93.64	102.80	126.70	100.98	114.02
Oct-02	113.02		107.57	136.69	97.45	109.12	169.97	104.47	111.25
Nov-02	105.96		100.84	128.06	106.56	97.12	175.92	91.09	103.04
Dec-02	104.68		98.78	139.38	84.48	99.09	112.47	98.07	106.12
Jan-03	101.24		94.87	146.03	94.89	93.30	150.37	88.93	97.72
Feb-03	100.90		94.52	149.21	89.93	89.59	154.54	84.63	102.81
Mar-03	112.63		106.93	142.32	106.07	95.25	190.64	87.96	121.05
Apr-03	108.12		103.11	127.52	97.63	101.39	204.37	93.52	108.24
May-03	108.61		103.33	134.00	99.21	102.88	194.21	95.90	106.31
Jun-03	122.35		116.07	156.17	100.92	113.15	169.30	108.86	126.96
Jul-03	122.73		114.72	185.93	103.70	125.16	192.82	119.98	108.73
Aug-03	101.83		93.89	182.26	86.57	100.33	143.77	97.01	90.27
Sep-03	112.71		105.95	151.83	97.40	102.82	186.12	96.45	115.36
Oct-03	115.17		109.14	147.72	107.04	107.39	180.55	101.80	112.77
Nov-03	114.43		109.19	131.84	103.15	112.76	197.79	106.26	108.82
Dec-03	110.73		103.75	145.67	84.69	102.29	159.12	97.95	117.54
Jan-04	100.66		93.87	156.65	94.56	94.88	196.31	87.12	93.05
Feb-04	98.80		93.01	140.43	91.52	86.72	135.31	83.01	101.09
Mar-04	118.29		112.75	142.52	102.83	106.21	202.69	98.84	125.08

Table 4. Unadjusted indices for industrial production by period

Period	Total industry (NACE Sections B to D)	Total industry excluding energy index (NACE Sections B & C)	Total manufacturing (NACE Section C)	Energy (NACE Section D)	Capital goods	Consumer goods	Consumer durable goods	Consumer non-durable goods	Intermediate goods
Apr-04	115.60		110.67	130.32	96.18	120.79	162.34	117.62	106.24
May-04	106.94		101.67	133.08	97.19	98.72	149.16	94.86	107.58
Jun-04	118.64		112.89	144.04	98.74	114.77	171.48	110.44	118.00
Jul-04	116.91		109.37	176.74	92.36	121.28	142.61	119.65	104.28
Aug-04	104.81		97.00	179.31	86.10	103.15	180.96	97.20	95.47
Sep-04	116.56		109.90	153.91	102.64	102.40	173.19	96.99	123.24
Oct-04	109.50		103.35	146.81	98.92	101.14	175.98	95.42	108.62
Nov-04	105.62		99.95	134.38	97.44	97.85	125.39	95.75	104.47
Dec-04	107.83		101.56	139.98	88.63	99.34	145.45	95.82	111.89
Jan-05	94.07		86.89	156.49	81.50	82.30	172.15	75.44	95.76
Feb-05	92.01		85.46	148.31	77.90	82.26	157.82	76.48	93.15
Mar-05	106.18		100.12	144.63	86.72	97.20	184.33	90.54	110.34
Apr-05	98.37		92.87	131.39	79.42	94.87	157.24	90.10	97.63
May-05	106.09		100.32	138.28	81.42	102.82	156.49	98.72	107.25
Jun-05	113.22		106.81	150.58	85.99	106.45	159.22	102.42	118.02
Jul-05	107.70		99.66	180.19	80.09	109.78	169.43	105.22	98.17
Aug-05	99.78		91.94	173.67	69.39	105.51	137.94	103.03	88.02
Sep-05	113.94		106.89	159.63	84.93	110.47	146.00	107.76	114.53
Oct-05	103.09		97.87	128.46	84.65	101.05	162.21	96.37	101.19
Nov-05	109.23		103.70	133.50	85.09	113.72	211.53	106.24	101.99
Dec-05	102.88		96.56	143.02	77.67	101.31	141.03	98.27	101.26
Jan-06	94.81		87.72	160.32	77.69	92.83	172.33	86.75	87.04
Feb-06	98.86		93.04	138.82	79.98	97.00	169.77	91.44	94.97
Mar-06	118.36		112.57	142.73	91.15	118.18	202.28	111.76	116.89
Apr-06	100.29		95.04	126.89	78.95	100.29	162.89	95.50	97.44
May-06	106.80		100.91	141.19	79.95	107.68	155.52	104.02	103.81
Jun-06	117.61		111.60	151.48	96.24	111.75	164.28	107.74	118.62
Jul-06	119.79		111.88	183.87	90.34	123.16	175.30	119.18	109.56
Aug-06	111.34		103.58	178.61	88.78	103.94	117.14	102.93	110.56
Sep-06	125.00		118.62	155.40	108.06	112.55	126.07	111.52	131.16
Oct-06	116.89		110.64	149.29	102.07	112.06	151.08	109.07	113.92
Nov-06	115.38		109.88	134.14	99.23	112.05	170.88	107.55	113.39
Dec-06	109.19		103.40	138.27	95.63	92.22	153.37	87.54	120.57
Jan-07	102.95		96.65	143.83	92.29	99.53	160.12	94.90	96.56
Feb-07	109.11		103.63	130.08	111.92	103.44	133.52	101.14	101.11
Mar-07	134.31		128.68	141.46	124.46	124.00	153.88	121.71	137.03
Apr-07	112.68		107.11	131.91	112.22	100.73	131.83	98.35	113.36
May-07	126.01		120.34	141.80	104.69	122.41	137.29	121.27	126.20
Jun-07	134.23		127.73	158.99	119.37	124.02	138.56	122.91	136.68
Jul-07	128.71		120.84	183.78	114.38	124.53	145.96	122.89	120.34
Aug-07	112.78		104.41	187.70	95.97	107.61	127.37	106.10	105.47
Sep-07	132.67		125.98	162.79	136.63	113.27	137.70	111.40	136.19
Oct-07	118.11		111.61	153.87	111.95	103.02	155.75	98.99	122.15
Nov-07	119.22		113.50	140.54	126.21	103.86	144.81	100.73	119.33
Dec-07	105.61		99.07	151.37	104.35	85.40	127.94	82.15	112.93
Jan-08	106.87		100.52	152.24	109.83	94.19	92.89	94.29	103.55
Feb-08	120.63		114.85	145.53	105.57	98.79	137.12	95.86	137.68
Mar-08	108.69		102.89	142.80	119.18	94.77	138.62	91.42	104.71
Apr-08	117.30		111.91	138.45	106.41	110.28	173.42	105.45	116.58
May-08	117.69		112.08	144.01	97.77	114.10	172.25	109.66	116.58
Jun-08	119.89		114.99	131.54	104.79	102.87	176.12	97.27	133.72

Table 4. Unadjusted indices for industrial production by period

Period	Total industry (NACE Sections B to D)	Total industry excluding energy index (NACE Sections B & C)	Total manufacturing (NACE Section C)	Energy (NACE Section D)	Capital goods	Consumer goods	Consumer durable goods	Consumer non-durable goods	Intermediate goods
Jul-08	129.20		121.07	191.92	92.10	125.75	191.16	120.75	129.57
Aug-08	109.53		101.38	186.72	82.63	101.28	138.91	98.40	110.45
Sep-08	121.04		113.96	169.02	102.06	113.36	135.29	111.68	120.59
Oct-08	121.14		115.31	146.63	91.38	112.72	146.65	110.13	129.85
Nov-08	104.85		99.64	130.97	77.68	96.03	129.99	93.43	114.25
Dec-08	98.57		93.17	133.25	61.64	97.44	108.19	96.62	103.24
Jan-09	92.81		86.93	139.68	70.83	94.68	120.62	92.70	85.81
Feb-09	90.77		85.36	129.56	67.15	93.11	113.87	91.52	85.25
Mar-09	101.17		95.45	135.41	80.45	99.37	107.28	98.77	98.78
Apr-09	95.11		89.94	125.96	71.50	97.64	131.22	95.08	90.29
May-09	95.80		90.20	135.08	66.75	103.28	177.86	97.58	86.67
Jun-09	100.05		93.88	146.25	79.25	99.69	167.49	94.51	94.49
Jul-09	108.45		100.79	175.60	69.94	116.49	185.35	111.22	97.80
Aug-09	88.54		80.21	182.94	74.11	84.52	158.45	78.87	78.38
Sep-09	100.29		93.61	157.10	85.48	93.18	153.00	88.61	97.99
Oct-09	106.76		101.06	140.62	82.04	101.35	169.89	96.11	109.92
Nov-09	102.61		97.59	126.72	85.76	97.29	173.66	91.45	103.74
Dec-09	94.22		88.69	131.41	70.29	83.64	145.67	78.89	103.55
Jan-10	92.93		86.64	134.88	79.85	79.72	119.01	76.72	98.25
Feb-10	95.23		90.44	123.08	79.06	87.01	109.22	85.31	99.83
Mar-10	109.76		105.43	130.64	86.22	109.55	113.06	109.28	109.22
Apr-10	111.61		108.26	125.11	84.67	104.11	107.91	103.81	123.85
May-10	109.03		104.76	132.74	83.21	105.52	110.01	105.17	113.50
Jun-10	111.24		106.16	140.01	92.26	104.36	105.12	104.30	114.49
Jul-10	125.29		117.76	170.58	84.70	121.43	107.39	122.51	127.61
Aug-10	102.93		93.33	173.13	79.20	85.84	90.83	85.45	108.62
Sep-10	107.47		100.71	150.12	91.08	89.17	108.87	87.66	119.25
Oct-10	109.45		104.06	141.49	87.33	92.38	106.48	91.30	125.44
Nov-10	106.33		101.92	129.19	84.40	97.63	123.70	95.63	114.91
Dec-10	96.92		91.39	133.15	78.28	72.91	97.90	71.00	119.43
Jan-11	113.09		108.47	136.31	83.45	101.19	109.22	100.58	128.19
Feb-11	104.85		100.70	123.88	81.76	96.38	91.47	96.75	113.89
Mar-11	116.87		112.58	134.75	92.45	105.41	92.41	106.40	130.21
Apr-11	109.38		105.60	129.13	87.33	102.09	91.50	102.90	117.71
May-11	109.29		104.65	137.22	88.01	103.27	98.67	103.63	113.55
Jun-11	109.28		103.58	145.08	90.67	99.71	92.67	100.25	113.80
Jul-11	112.95		104.23	173.21	85.93	102.56	98.81	102.85	114.10
Aug-11	99.36		89.28	175.69	81.56	79.67	91.24	78.78	104.33
Sep-11	105.99		98.37	159.96	91.97	91.25	90.90	91.28	109.59
Oct-11	107.78		102.10	146.11	86.52	90.74	91.36	90.70	122.73
Nov-11	98.47		93.03	132.68	82.39	79.19	96.77	77.85	114.69
Dec-11	89.83		83.19	136.48	75.28	70.72	77.51	70.20	102.36
Jan-12	105.85		99.66	143.63	81.37	90.89	95.34	90.55	118.67
Feb-12	108.92		103.56	139.50	80.40	110.78	90.14	112.36	104.94
Mar-12	124.05		120.28	137.72	95.06	133.25	94.10	136.25	115.88
Apr-12	114.73		111.05	131.44	88.98	112.45	93.09	113.94	119.63
May-12	113.53		108.85	141.47	88.99	108.59	91.66	109.88	118.18
Jun-12	109.75		102.70	154.94	91.03	91.09	91.29	91.07	122.33
Jul-12	125.04		115.91	184.33	83.19	122.57	95.94	124.61	122.29
Aug-12	104.78		93.47	188.79	81.59	85.02	83.53	85.14	109.00
Sep-12	109.44		102.15	156.71	91.27	86.58	90.37	86.29	125.99

Table 4. Unadjusted indices for industrial production by period

Period	Total industry (NACE Sections B to D)	Total industry excluding energy index (NACE Sections B & C)	Total manufacturing (NACE Section C)	Energy (NACE Section D)	Capital goods	Consumer goods	Consumer durable goods	Consumer non-durable goods	Intermediate goods
Oct-12	120.88		114.99	155.17	92.20	105.51	97.37	106.13	136.65
Nov-12	113.32		108.79	135.93	82.42	101.45	98.39	101.68	129.79
Dec-12	96.52		90.45	137.65	74.77	71.41	76.92	70.99	120.61
Jan-13	111.67		106.12	141.42	82.85	100.51	89.17	101.38	123.79
Feb-13	102.03		97.11	128.37	79.38	96.98	91.27	97.42	105.24
Mar-13	112.74		108.40	135.81	97.34	101.48	87.32	102.57	121.54
Apr-13	115.19		111.61	131.98	92.97	112.27	93.58	113.70	119.16
May-13	111.94		107.20	140.72	93.29	111.56	88.94	113.29	108.20
Jun-13	107.90		101.95	146.80	97.72	91.72	86.79	92.10	116.35
Jul-13	109.03		99.82	174.58	91.07	98.64	93.15	99.06	105.21
Aug-13	99.65		88.59	182.10	86.00	81.22	74.11	81.76	99.18
Sep-13	114.02		106.63	160.62	103.09	92.25	92.49	92.23	125.94
Oct-13	105.51		98.07	154.25	96.84	90.07	91.51	89.96	109.19
Nov-13	101.44		96.00	135.45	91.82	92.30	90.59	92.43	102.68
Dec-13	90.18		83.16	139.31	86.25	69.62	74.85	69.22	98.91
Jan-14	94.67		87.91	141.21	94.65	87.26	90.99	86.97	86.04
Feb-14	95.49		90.54	125.03	90.10	93.68	96.40	93.47	87.00
Mar-14	109.92		105.26	136.13	103.44	99.44	104.42	99.06	112.95
Apr-14	98.24		93.38	131.23	109.11	88.17	97.86	87.42	92.83
May-14	97.10		91.59	138.03	97.10	94.24	103.81	93.51	85.94
Jun-14	112.27		106.35	149.96	107.92	95.58	102.61	95.05	118.75
Jul-14	107.61		99.09	168.73	89.55	102.96	110.63	102.37	98.79
Aug-14	88.57		78.05	172.33	82.48	73.99	90.35	72.74	81.07
Sep-14	107.18		98.97	163.49	107.77	88.44	114.19	86.47	108.00
Oct-14	108.35		102.03	149.33	102.25	102.22	96.75	102.64	101.95
Nov-14	97.81		92.52	132.81	98.54	97.68	91.30	98.17	83.61
Dec-14	87.43		80.92	134.88	86.93	75.34	83.23	74.74	85.00
Jan-15	111.67	105.26	105.31	149.46	97.33	121.53	99.31	117.90	89.84
Feb-15	98.67	92.50	92.57	135.77	96.52	89.59	97.93	89.34	94.09
Mar-15	109.86	104.80	104.89	138.36	106.08	105.65	99.92	105.83	102.27
Apr-15	101.62	101.87	101.84	97.41	104.01	100.53	100.70	99.26	104.84
May-15	99.64	101.14	101.16	90.36	97.71	101.17	110.88	100.42	104.53
Jun-15	105.64	108.71	108.75	83.10	107.36	105.87	101.50	105.67	116.31
Jul-15	107.38	108.34	108.32	103.13	99.06	113.87	100.66	115.09	105.18
Aug-15	87.66	87.31	87.16	100.34	89.04	85.93	84.58	87.38	85.89
Sep-15	97.72	100.05	99.96	84.78	101.90	99.13	97.93	98.99	100.54
Oct-15	105.18	108.46	108.44	81.77	108.72	109.22	106.54	109.14	107.18
Nov-15	92.65	97.42	97.42	60.69	102.34	91.98	111.83	92.47	100.49
Dec-15	82.30	84.14	84.18	74.82	89.92	75.54	88.22	78.50	88.84
Jan-16	86.61	88.71	88.47	75.83	97.73	84.19	98.34	82.88	90.20
Feb-16	87.95	91.46	91.23	65.16	97.86	84.43	101.17	84.58	97.26
Mar-16	97.26	101.72	101.70	66.32	109.72	93.21	106.97	92.76	110.39
Apr-16	97.96	102.77	102.72	65.32	98.15	105.52	100.47	105.13	102.88
May-16	97.42	102.40	102.38	65.80	97.47	102.44	106.70	102.96	105.39
Jun-16	97.21	100.97	100.91	74.06	97.85	99.54	99.74	100.65	104.53
Jul-16	96.66	97.99	97.76	94.44	96.19	96.13	100.23	97.29	100.67
Aug-16	88.24	88.44	88.29	97.01	90.74	86.57	88.09	88.21	86.80
Sep-16	93.32	94.95	94.85	86.45	101.16	83.49	95.82	84.13	109.11
Oct-16	94.22	96.28	96.30	84.86	101.73	87.36	103.38	87.67	106.42
Nov-16	95.23	98.76	98.77	70.93	100.99	92.91	97.32	93.12	107.28
Dec-16	79.45	81.14	81.19	74.16	91.95	65.31	86.11	68.37	94.28

Table 4. Unadjusted indices for industrial production by period

Period	Total industry (NACE Sections B to D)	Total industry excluding energy index (NACE Sections B & C)	Total manufacturing (NACE Section C)	Energy (NACE Section D)	Capital goods	Consumer goods	Consumer durable goods	Consumer non-durable goods	Intermediate goods
Jan-17	93.79	95.37	95.30	84.37	104.90	86.54	99.32	85.31	104.81
Feb-17	94.12	97.06	96.98	71.48	100.31	87.45	95.61	87.60	111.66
Mar-17	105.81	108.77	108.74	82.99	114.05	96.87	101.13	97.12	126.22
Apr-17	98.02	98.61	98.62	95.15	101.06	92.02	103.32	92.67	106.81
May-17	105.35	107.81	107.85	90.11	108.96	102.82	99.22	103.85	114.99
Jun-17	103.37	100.79	100.84	123.85	106.79	89.51	97.51	91.15	113.44
Jul-17	101.77	96.69	96.68	145.22	104.26	87.78	97.24	89.51	102.95
Aug-17	101.14	93.67	93.59	161.10	97.82	88.87	85.40	91.29	95.16
Sep-17	113.08	104.74	104.79	170.75	109.40	96.54	95.33	99.17	111.77
Oct-17	106.57	100.95	100.90	146.87	107.08	93.85	101.85	94.51	107.13
Nov-17	101.04	101.95	101.89	94.85	104.91	96.24	97.56	97.46	107.97
Dec-17	83.22	78.54	78.44	123.93	92.87	63.29	88.50	65.55	88.35
Jan-18	96.31	95.58	95.53	104.75	104.66	86.25	100.44	85.42	105.50
Feb-18	97.51	93.22	93.06	125.39	102.00	83.52	96.42	82.77	104.14
Mar-18	103.99	104.29	104.29	101.50	112.20	96.58	95.97	96.62	112.09
Apr-18	98.35	99.31	99.23	93.33	103.93	93.27	101.20	92.81	106.88
May-18	107.89	104.88	104.54	130.14	103.72	100.19	98.89	100.26	115.06
Jun-18	104.42	101.45	101.23	128.30	108.28	95.95	94.23	96.05	105.94
Jul-18	107.69	100.00	99.72	166.37	98.04	96.20	98.31	96.08	109.18
Aug-18	99.78	91.08	90.97	168.76	92.08	88.84	85.45	89.04	94.55
Sep-18	105.21	99.13	99.04	150.59	103.46	93.22	96.90	93.01	106.69
Oct-18	111.09	106.89	106.75	139.79	113.05	100.34	101.20	100.29	114.03
Nov-18	112.58	108.63	108.39	135.83	117.08	104.67	99.07	104.99	108.66
Dec-18	84.81	79.31	79.09	130.07	98.73	66.61	90.76	65.21	86.40
Jan-19	97.92	91.46	91.24	145.69	103.26	78.91	98.06	77.79	105.19
Feb-19	95.92	92.86	92.65	117.07	102.58	83.37	96.31	82.62	102.47
Mar-19	98.76	96.22	95.99	119.47	110.70	82.82	97.78	81.95	109.14
Apr-19	100.78	98.18	97.84	120.87	105.38	90.82	98.07	90.40	105.97
May-19	106.82	103.37	103.08	132.97	105.09	98.21	98.29	98.20	111.88
Jun-19	104.53	98.90	98.68	148.50	110.41	91.85	94.60	91.69	102.17
Jul-19	110.83	105.01	104.82	157.66	102.65	106.02	100.90	106.32	105.20
Aug-19	104.49	96.36	96.27	170.23	96.98	99.05	88.88	99.64	90.57
Sep-19	113.09	109.34	109.15	140.75	107.26	110.60	100.02	111.22	108.78
Oct-19	112.34	108.67	108.59	139.12	109.77	107.99	98.59	108.53	109.01
Nov-19	106.73	104.77	104.60	120.09	104.94	104.83	97.80	105.24	104.49
Dec-19	94.38	88.85	88.56	137.85	105.03	82.85	94.10	82.19	85.83
Jan-20	110.75	102.03	101.76	171.38	116.52	94.29	95.56	94.22	103.91
Feb-20	106.50	99.83	99.46	152.57	108.20	91.85	94.62	91.69	107.74
Mar-20	105.46	100.93	100.59	139.58	103.16	91.77	94.62	91.60	116.76
Apr-20	92.88	89.00	88.81	124.97	84.41	86.99	86.15	87.04	97.07
May-20	95.85	91.52	91.33	132.33	79.11	95.91	86.90	96.44	94.26
Jun-20	100.83	95.37	95.26	142.87	89.64	96.80	91.93	97.09	97.80
Jul-20	108.59	101.82	101.82	160.23	95.77	108.06	89.66	109.13	95.17
Aug-20	100.54	92.71	92.71	164.32	95.88	97.22	83.78	98.00	81.03
Sep-20	107.49	102.67	102.70	143.30	97.58	104.64	86.57	105.69	103.47
Oct-20	113.72	111.63	111.67	128.53	102.21	115.24	88.06	116.82	113.16
Nov-20	105.06	106.10	106.19	98.22	104.94	106.90	93.53	107.67	105.61
Dec-20	90.90	88.01	87.99	116.78	94.74	82.07	82.64	82.04	93.46
Jan-21	99.16	96.36	96.21	121.69	99.68	96.44	89.61	96.83	93.21
Feb-21	93.60	90.35	90.23	117.43	93.39	88.48	87.42	88.55	91.23
Mar-21	102.14	99.30	99.13	123.91	104.30	92.93	91.15	93.03	107.15

Table 4. Unadjusted indices for industrial production by period

Period	Total industry (NACE Sections B to D)	Total industry excluding energy index (NACE Sections B & C)	Total manufacturing (NACE Section C)	Energy (NACE Section D)	Capital goods	Consumer goods	Consumer durable goods	Consumer non-durable goods	Intermediate goods
Apr-21	110.10	104.97	104.77	143.52	111.24	102.62	87.87	103.48	103.85
May-21	107.37	102.53	102.36	141.72	101.38	102.98	96.77	103.34	102.69
Jun-21	113.58	107.14	106.73	158.20	109.30	109.97	97.51	110.69	99.67
Jul-21	114.98	106.37	106.31	178.21	115.59	103.17	98.47	103.44	104.22
Aug-21	98.49	88.89	88.82	175.19	97.59	87.14	87.40	87.12	84.38
Sep-21	104.32	99.95	99.83	138.80	108.34	95.27	89.60	95.60	101.45
Oct-21	106.52	101.97	101.74	140.95	110.40	95.68	94.94	95.72	106.56
Nov-21	101.84	98.42	98.20	126.83	105.95	92.70	98.74	92.35	102.71
Dec-21	86.75	81.24	80.72	133.39	102.79	69.03	88.60	67.89	85.42
Jan-22	96.08	90.84	90.93	136.59	101.88	85.54	96.17	84.92	91.13
Feb-22	89.71	85.20	85.25	124.38	99.79	74.50	90.21	73.59	92.75
Mar-22	106.19	101.13	101.33	142.58	118.25	89.41	91.60	89.28	108.38
Apr-22	95.56	94.57	94.57	108.14	103.56	87.61	90.78	87.42	99.96
May-22	103.01	99.29	99.13	133.99	105.79	94.93	101.01	94.58	101.87
Jun-22	109.89	103.88	103.91	155.41	104.56	107.03	99.30	107.48	97.12
Jul-22	117.38	108.83	108.84	180.94	104.03	116.69	97.04	117.84	97.87
Aug-22	107.86	99.29	99.37	175.18	101.07	105.34	77.31	106.98	85.87
Sep-22	115.24	110.06	110.22	152.20	109.96	112.01	90.24	113.28	106.35
Oct-22	111.85	109.41	109.45	132.16	115.49	108.18	101.30	108.58	106.29
Nov-22	113.73	107.80	107.91	153.88	110.93	110.25	98.10	110.96	100.18
Dec-22	97.70	90.84	90.99	150.46	100.30	88.41	100.57	87.70	86.97
Jan-23	109.18	102.89	103.02	153.42	116.99	97.80	105.89	97.32	99.98
Feb-23	105.26	100.60	100.71	135.36	104.52	99.44	98.35	99.50	99.28
Mar-23	119.61	115.38	115.54	146.39	123.89	114.62	106.28	115.10	109.11
Apr-23	110.14	105.55	105.37	142.59	118.77	103.18	104.30	103.11	98.12
May-23	115.66	111.07	110.78	148.36	103.22	115.96	107.79	116.43	108.69

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Methodological Notes

1. This Index of Industrial Production is a Principal European Economic Indicator (PEEI) and compiled in accordance with Commission Regulation (EU) 2019/2152 and Commission Implementing Regulation 2020/1197 of the European Parliament and of the Council on European Business Statistics. The NSO has also adopted methodologies and guidelines recommended by Eurostat and the United Nations.
2. The Maltese Index of Industrial Production is calculated using a Laspeyres-type index (2015=100). Aggregation weights are updated every five years and the gross value added is used as the weighting variable. The whole series is available from the year 2000 onwards.
3. The sample covers 80 per cent of the total industrial turnover and the number of surveyed businesses is around 200. A combination of cut-off and stratified random sampling techniques are used. The volume of industrial production is calculated using three methods: the physical quantities of output, the deflated turnover and the number of hours worked.
4. In this news release, Energy refers to NACE D35 only – Electricity, gas steam and air conditioning supply. It excludes B05 – mining of coal and lignite, B06 – extraction of crude petroleum and natural gas, C19 – manufacture of coke and refined petroleum products and E36 – water, collection, treatment and supply. The index excludes the electricity supply imported via the Malta-Sicily Interconnector.
5. Year-on-year comparisons refer to indices that are calendar adjusted while month-on-month comparisons refer to calendar and seasonally adjusted index numbers. These adjustments aid interpretation of data by removing regularly recurring variations from a time series. The officially recommended software JDemetra+ is used to adjust all series in this news release.
6. The calendar effect is the variation caused by the changing number of working/trading days, fixed and moving holidays, leap year and other calendar-related phenomena. The seasonal effect is the variation caused by any pattern that repeats on a regular basis in the same period each year.
7. The average weighted response rate for this indicator is around 80%. The data is to be considered as provisional and therefore subject to revision.
8. The aggregation weights (gross value added) of the various categories used for the calculation of the Index of Industrial Production for the year 2015 (base year) are as follows:

NACE Section	NACE Divisions	Description	Share
B	8	Mining and Quarrying	0.00
C	13, 14, 25, 27, 28 and 31 to 33	Other manufacturing	0.31
	10 and 11	Food products and beverages	0.22
	26 and 29	Computer, electronic and optical products and motor vehicles	0.10
	22 to 23	Rubber, plastic products and other non-metallic mineral products	0.09
	16 to 18	Wood, paper products and printing	0.09
	20 and 21	Chemicals and pharmaceuticals products	0.09
D	35	Energy	0.08
		Total (Sections B, C and D)	1.00

Main Industrial Grouping	Description	Example
Capital Goods	Capital goods are physical assets used by businesses to produce consumer (final) goods	Machinery equipment
Intermediate goods	Intermediate goods, also called semi-finished goods are products used as inputs to produce a consumer (final) good	Rubber and plastic products
Consumer goods	Consumer goods, also called final goods are products that are readily available for consumption by consumers. These goods do not undergo further transformation in production	Food products and beverages
Energy	Energy refers to the production of electricity	Electricity excluding supply imported via the Malta-Sicily Interconnector

9. More information relating to this news release may be accessed at:

[Sources and Methods](#)
[Statistical Concepts](#)
[Metadata](#)
[Classifications](#)

10. A detailed news release calendar is available [online](#).