

وزارة التخطيط والتنمية الاقتصادية

MINISTRY OF PLANNING AND ECONOMIC DEVELOPMENT



# Arab Republic of Egypt

Ministry of Planning & Economic Development

MONTHLY TOTAL

PRODUCTION INDEX

Monthly Bulletin of the Production Index  
of the Most Important Economic Sectors

October  
2024

By  
National Accounts Unit

## ***Introduction***

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The preparation of a “Monthly Production Index” is a natural extension and an important development for the emerging market economy and the participation of the Private Sector.

Accordingly, the Minister of Ministry of Planning and Economic Development started the preparation of the Monthly Production Index beginning February 2002. It passed through several tests to guarantee its measure of the economy of the Arab Republic of Egypt. The base year changed to FY 2012-2013 instead of 2006-2007.

The Index includes the results of most important economic activities in Egypt. These activities are Manufacturing, Natural gas, Oil Products, Electricity, Construction, Transportation, Suez Canal and Tourism.

There has been a dire need for the compilation of the composite Production Index to demonstrate economic activities when Egypt joined Special Data Dissemination Standard (SDDS) of International Monetary Fund (IMF). These indices and the composite index enable to measure the change, trend in Egypt’s economic activities comparing with the rest of the world economies. SDDS allows investment opportunities along with acceptable loan rates for international markets.

# TOTAL PRODUCTION INDEX

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## First: Short-term analysis:

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The Total Production Index reached 114.93% in October 2024 compared with the previous month (September 2024, 120.87%), with a decrease by growth rate by -4.92% this due to: -

Activity	October 2024	September 2024	Growth rate
Oil products Index	100.36	126.68	-20.79%
Construction Index	98.44	112.65	-12.61%
Tourism Index	124.22	133.66	-7.06%
Transportation Index	161.75	171.45	-5.66%
Electricity Index	144.55	152.38	-5.14%
Suez Canal index *	72.69	73.35	-0.90%
Natural gas Index	119.20	119.57	-0.30%

However, there was an increase in these activities:

Activity	October 2024	September 2024	Growth rate
Manufacturing Index	112.32	106.73	5.24%

## Second: Long-term analysis:

Total Production Index reached 114.93% in October2024 compared with 113.51% in October2023 with an increase rate by 1.25% this due to: -

Activity	October2024	October2023	Growth rate
Manufacturing Index	112.32	96.78	16.06%
Transportation Index	161.75	139.81	15.69%
Tourism Index	124.22	111.69	11.22%
Electricity Index	144.55	137.72	4.96%
Natural gas Index	119.20	116.63	2.21%
Oil products Index	100.36	99.02	1.35%

[See table (1)]

However, there was a decrease in this activity:

Activity	October2024	October2023	Growth rate
Suez Canal index	72.69	198.87	-63.45%
Construction Index	98.44	112.23	-12.29%

# Manufacturing Index

Manufacturing analysis focusing on two directions: -

**First direction:** *Monthly change rate for manufacturing index according to main activities for the latest month (October2024) compared with previous month (September 2024) and compared with Monthly change rate of the corresponding month of the previous year (October 2023) with the previous month (September 2023).*

**Second direction:** *Annual change rate for manufacturing index according to main activities for latest month (October 2024) compared with the corresponding month of the previous year (October2023) and compared with Annual change rate of the previous month (September 2024) with the corresponding month of the previous year (September 2023).*

## First: Short-term analysis:

Activities achieved an increase in *October2024* compared with *September2024*: -

<b>Activity</b>	<b>Growth rate</b>
<b>Manufacture of basic pharmaceutical products and pharmaceutical preparations</b>	<b>14.4%</b>
<b>Manufacture of chemicals and chemical products</b>	<b>11.2%</b>
<b>Manufacture of electrical equipment</b>	<b>7.8%</b>
<b>Manufacture of other non-metallic mineral products</b>	<b>7.5%</b>
<b>Manufacture of food products</b>	<b>4.0%</b>

In addition to the Positive growth rate in the previous activities, there was a decrease in these activities:

<b>Activity</b>	<b>Growth Rate</b>
Manufacture of textiles	-8.2%
Manufacture of basic metals	-7.4%

*The product of positive growth and negative growth rate in the previous activities increased by 3.3% in October 2024 compared with September 2024 and decreased by -0.81% in October 2023 compared with September 2023.*

*There was an increase by 5.24% in the total manufacturing index in October 2024 compared with September 2024 and there was a decrease by -3.98% in October 2023 with September 2023.*

## **Second: Long-term analysis:**

**Activities growth rate increased in October 2024 compared with October 2023:**

<b>Activity</b>	<b>Growth Rate</b>
Manufacture of textile	39.2%
Manufacture of basic pharmaceutical products and pharmaceutical preparations	32.3%
Manufacture of chemicals and chemical products	10.3%
Manufacture of food products	7.3%

In addition to the positive growth rate in the previous activities, there was a decrease in these activities:

<b>Activity</b>	<b>Growth Rate</b>
<b>Manufacture of electrical equipment</b>	<b>-23.0%</b>
<b>Manufacture of other non-metallic mineral products</b>	<b>-10.3%</b>
<b>Manufacture of basic metals</b>	<b>-4.6%</b>

*The product of positive and negative growth rate in the previous activities increased by 9.22% in October2024 compared with October2023 and increased by 4.8 % in September2024 compared with September2023.*

*There was an increase by 16.2% in the total manufacturing index in October2024 compared with October2023 and increased by 6.0% in September2024 compared with September2023.*

[See table (2)]

# Tables

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**Table 1: Indices for Major sectors of the Egyptian Economy**  
**Base (Year / Month FY 2012-2013) = 100**

Fiscal Year	Month	Manufacture Index	Natural Gas Index	Oil Products Index	Electricity Index	Construction Index	Transportation (Excluding Suez Canal) Index	Suez Canal Index *	Tourism Index	Total Production Index
2023-2024	September	100.71	124.06	104.97	138.10	91.94	144.04	196.78	129.93	116.73
	October	96.78	116.63	99.02	137.72	112.23	139.81	198.87	111.69	113.51
2024-2025	September	106.73	119.57	126.68	152.38	112.65	171.45	73.35	133.66	120.87
	October	112.32	119.20	100.36	144.55	98.44	161.75	72.69	124.22	114.93
Long Term	%change October24 /October023	16.06%	2.21%	1.35%	4.96%	-12.29%	15.69%	-63.45%	11.22%	1.2%
Short Term	%change October24 / September 24	5.24%	-0.30%	-20.78%	-5.14%	-12.61%	-5.66%	-0.90%	-7.06%	-4.92%

**Table 2: Manufacture index of the highest weighted activities**  
According ISIC 4 and producer price index (base year FY 2012-2013)

Base (Year / Month FY 2012-2013) = 100

Activity	Weight	Monthly growth rate		Annual growth rate	
		Oct -24/ Sep - 24	Oct -23/ Sep - 23	Oct-24 Oct- 23	Sep-24 Sep- 23
		1			
Manufacture of chemicals and chemical products	18.71%	11.2	5.2	10.3	4.3
Manufacture of basic metals	18.05%	-7.4	-4.2	-4.6	-1.4
Manufacture of food products	14.61%	4.0	-0.2	7.3	2.9
Manufacture of other non-metallic mineral products	9.59%	7.5	-1.8	-10.3	-18.1
Manufacture of basic pharmaceutical products and pharmaceutical preparations	6.00%	14.4	-2.6	32.3	12.6
Manufacture of electrical equipment	5.07%	7.8	-1.7	-23.0	-29.9
Manufacture of textiles	3.68%	-8.2	0.0	39.2	51.7
Total of Pervious Activities	75.7 %	3.3	-0.81	9.22	4.8
Total Manufacturing	100%	5.24	-3.98	16.2	6.0

**Table 3A: Manufacturing Indices by Activity and Total Manufacturing Index  
(July2023 – July2024)**

**Base (Year / Month FY 2012-2013) = 100**

ISIC	Activity	Weights	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24
20	Manufacture of chemicals and chemical products	18.71	77.25	80.07	74.89	81.84	85.7	116.93	86.928	84.9	74.81	80.96	71.61	76.62	85.23
24	Manufacture of basic metals	18.05	58.2	57.1	60.29	52.48	54.1	59.898	62.139	49.2	54.78	57.26	62.19	59.93	55.52
10	Manufacture of food products	14.61	116.55	119.02	111.75	123.34	146.7	152.80	124.18	119.1	138.29	141.40	114.82	120.18	125.03
23	Manufacture of other non-metallic mineral products	9.59	89.08	84.49	82.52	82.29	76.1	74.007	66.055	86.6	84.03	89.15	83.49	74.30	79.87
21	Manufacture of basic pharmaceutical products and pharmaceuticals	6.00	112.44	107.67	111.28	85.49	87	92.216	78.368	88.1	107.15	120.08	122.17	130.03	148.74

	utical preparati ons														
27	Manufact ure of electrical equipmen t	5.07	110.56	104.21	127.56	114.35	104.4	87.02	61.921	79.1	74.05	93.43	83.30	78.92	85.10
13	Manufact ure of textiles	3.68	122.3	121.83	129.84	122.81	122.2	148.99	143.88	152.9	149.46	195.71	159.05	185.42	170.20
26	Manufact ure of computer , electronic and optical products	3.12	116.33	116.48	176.76	112.46	157.1	104.34	62.121	124.2	98.42	100.69	164.47	153.94	189.78
11	Manufact ure of beverage s	2.73	195.47	179.34	182.81	225.74	357.4	352.75	395.34	583.4	523.29	375.50	513.60	310.89	345.14
14	Manufact ure of wearing apparel	2.54	141.31	134.61	154.3	133.47	124	184.17	165.07	178.3	205.26	205.53	233.13	217.88	223.54
17	Manufact ure of paper and paper products	2.44	69.37	66.93	61.96	54.01	51.6	66.19	63.229	68.2	56.45	71.56	72.94	72.67	77.73
22	Manufact ure of rubber and plastics products	2.15	79.19	70.32	68.22	59.79	64.4	71.548	67.707	70.7	63.80	81.08	73.78	84.34	74.64

25	Manufacture of fabricated metal products, except machinery and equipment	2.10	70.35	74	53.09	44.15	45.6	42.388	45.122	53.8	47.88	65.15	54.00	52.13	48.47
12	Manufacture of tobacco products	2.06	136.2	176.63	101.82	112.04	102.8	89.102	79.59	89.3	126.70	124.47	134.86	147.63	159.36
29	Manufacture of motor vehicles, trailers and semi-trailers	1.91	174.85	176.49	170.93	176.52	167.2	157.62	129.15	132.9	197.83	294.09	247.80	326.05	307.85
28	Manufacture of machinery and equipment n.e.c.	1.68	72.68	61.59	82.21	75.35	88.3	83.736	92.722	93.4	88.56	109.51	102.92	78.09	83.30
8	Other mining and quarrying	1.16	199.07	189.54	182.36	248.85	162.9	155.71	127.94	137.8	144.50	155.51	116.21	126.03	149.16
18	Printing and reproduction of recorded media	0.68	105.21	95.96	91.28	109.42	85.8	91.938	88.031	102.7	113.85	115.26	122.90	159.49	146.00
31	Manufacture of furniture	0.50	177.76	204.95	461.9	119.59	156.7	134.60	147.07	163.1	135.37	156.38	141.47	179.29	203.67
30	Manufacture of	0.47	93	136.96	137.77	163.83	214.8	119.97	165.88	1054.0	871.04	96.28	61.28	78.30	159.80

	ure of other transport equipment														
32	Other manufacturing	0.32	53.98	50.96	40.71	58.13	46.9	56.453	47.426	45.0	65.94	68.61	66.18	80.21	79.07
19	Manufacture of coke and refined petroleum products	0.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
16	Manufacture of wood and of products of wood and cork, except furniture	0.16	33.43	36.86	19.85	32.05	35.6	29.892	39.407	35.0	41.18	35.17	47.74	55.08	33.12
15	Manufacture of leather and related products	0.07	49.85	40.41	40.49	34.47	32.1	39.781	28.297	36.3	34.72	43.35	45.35	43.93	38.48
	Total Manufacturing	100	96.70	96.47	98.20	94.94	102.20	109.33	95.47	108.27	109.55	111.45	109.13	106.73	112.32

Source: Monthly Manufacturing Establishment survey (CAPMAS)

# Charts

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**Chart 1 : Manufacturing Index & Total Production Index(October2024-October2023)**  
 Base ( Year / Month FY 2012-2013)= 100

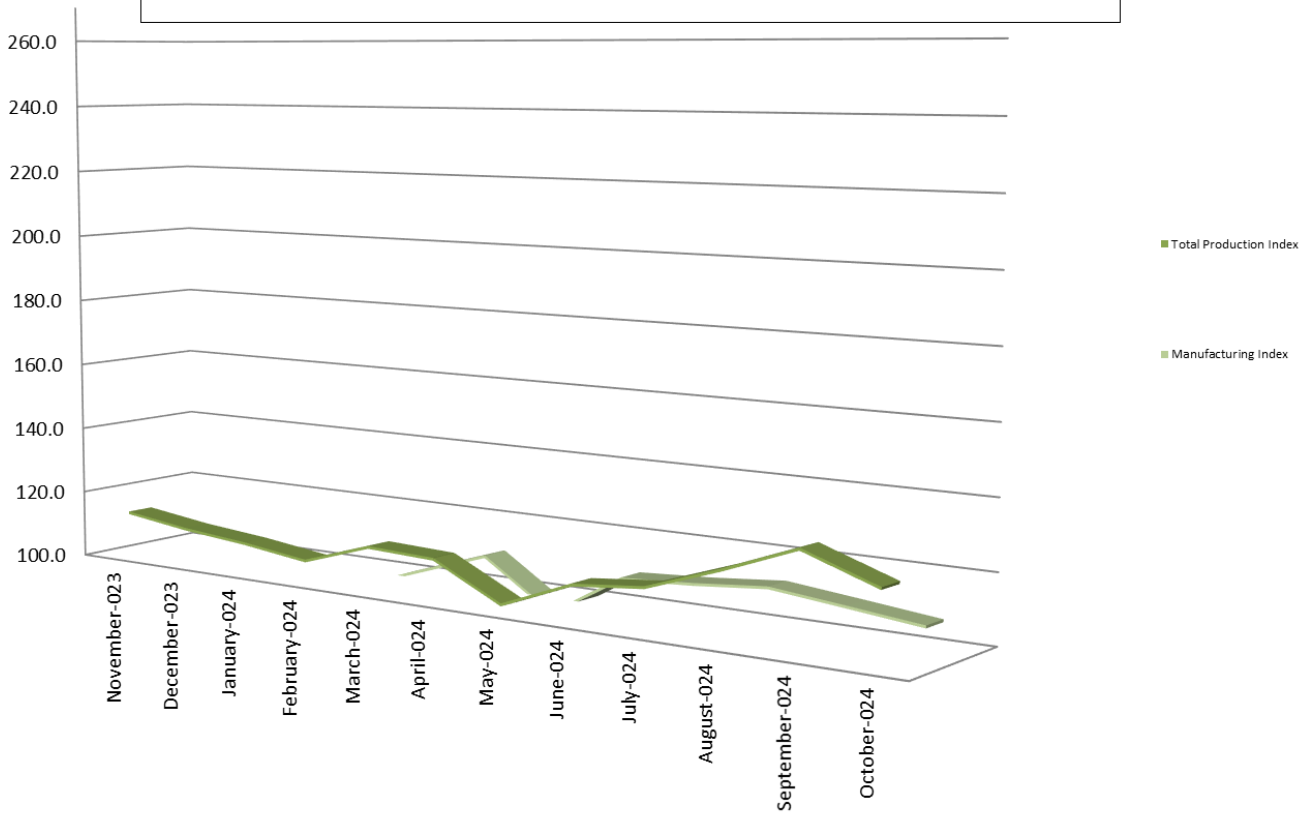




Chart 2: Total Manufacturing Index (October2024-October2023)  
Base ( Year / Month FY 2012-2013) = 100

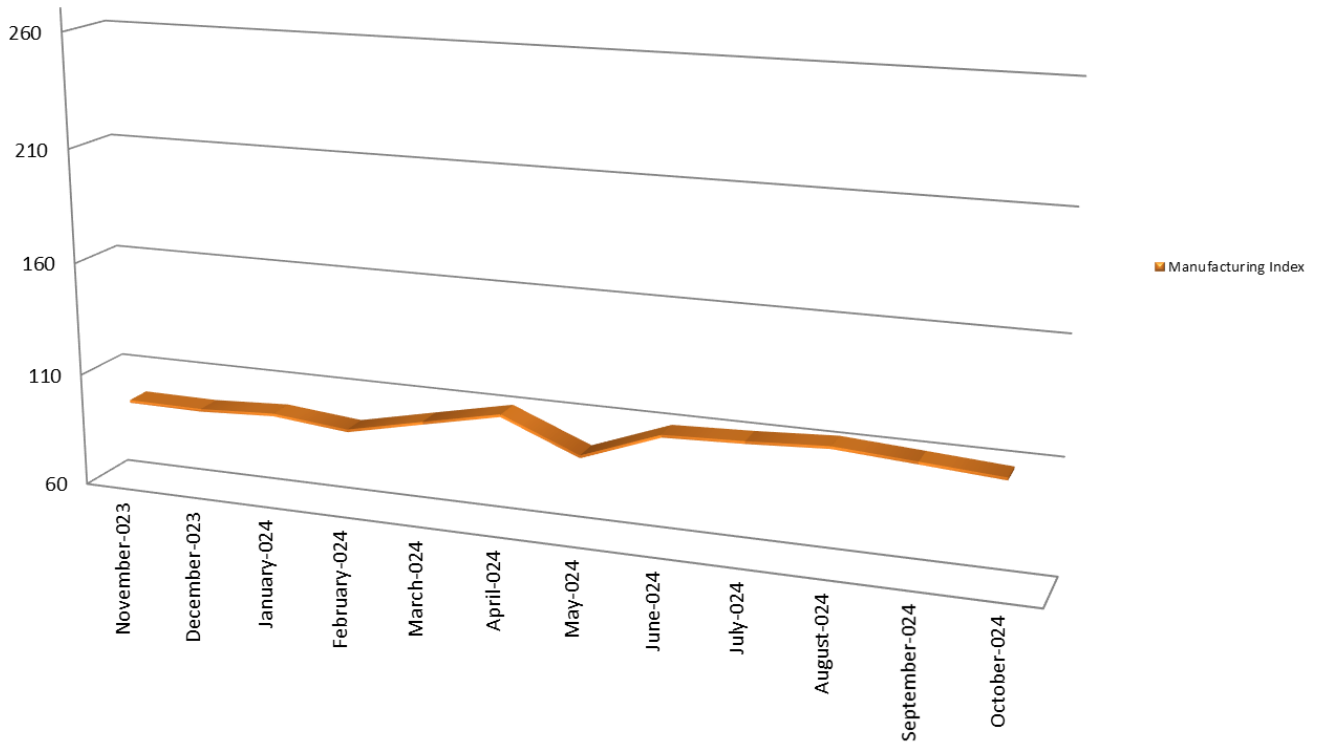
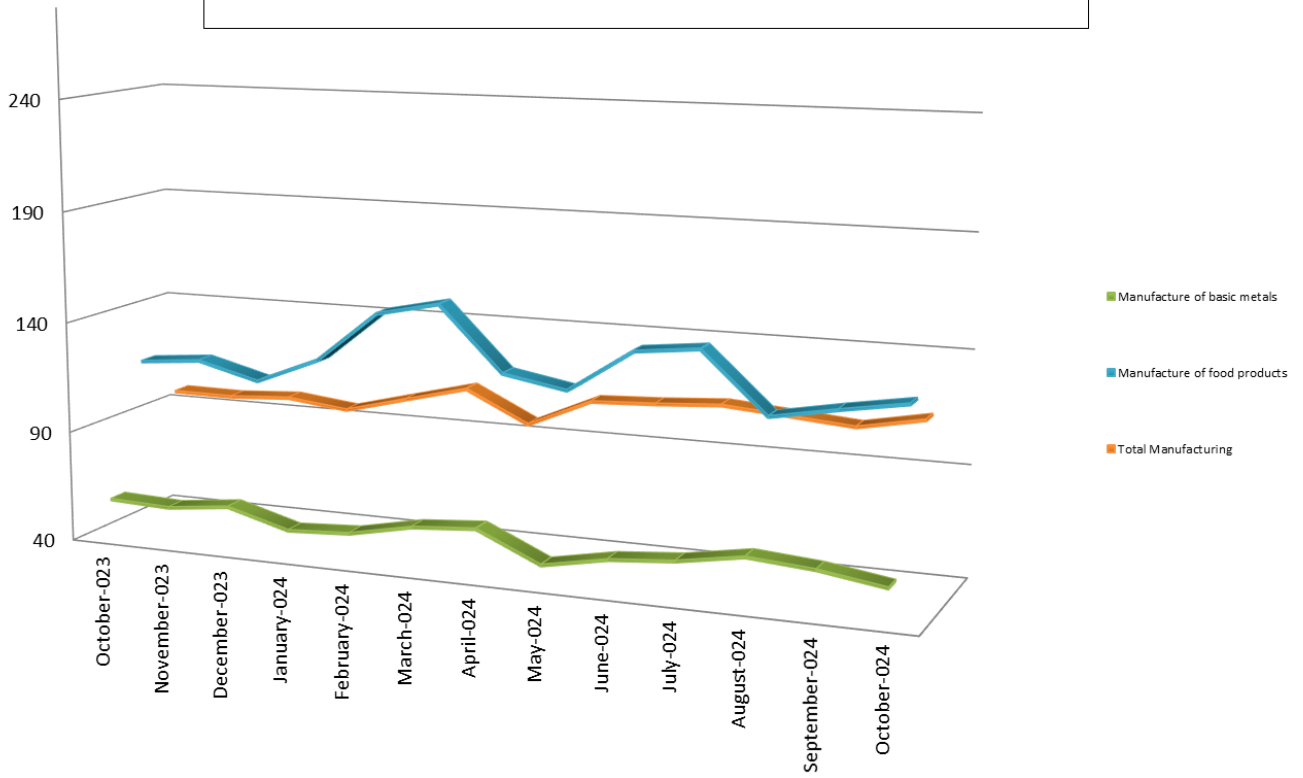
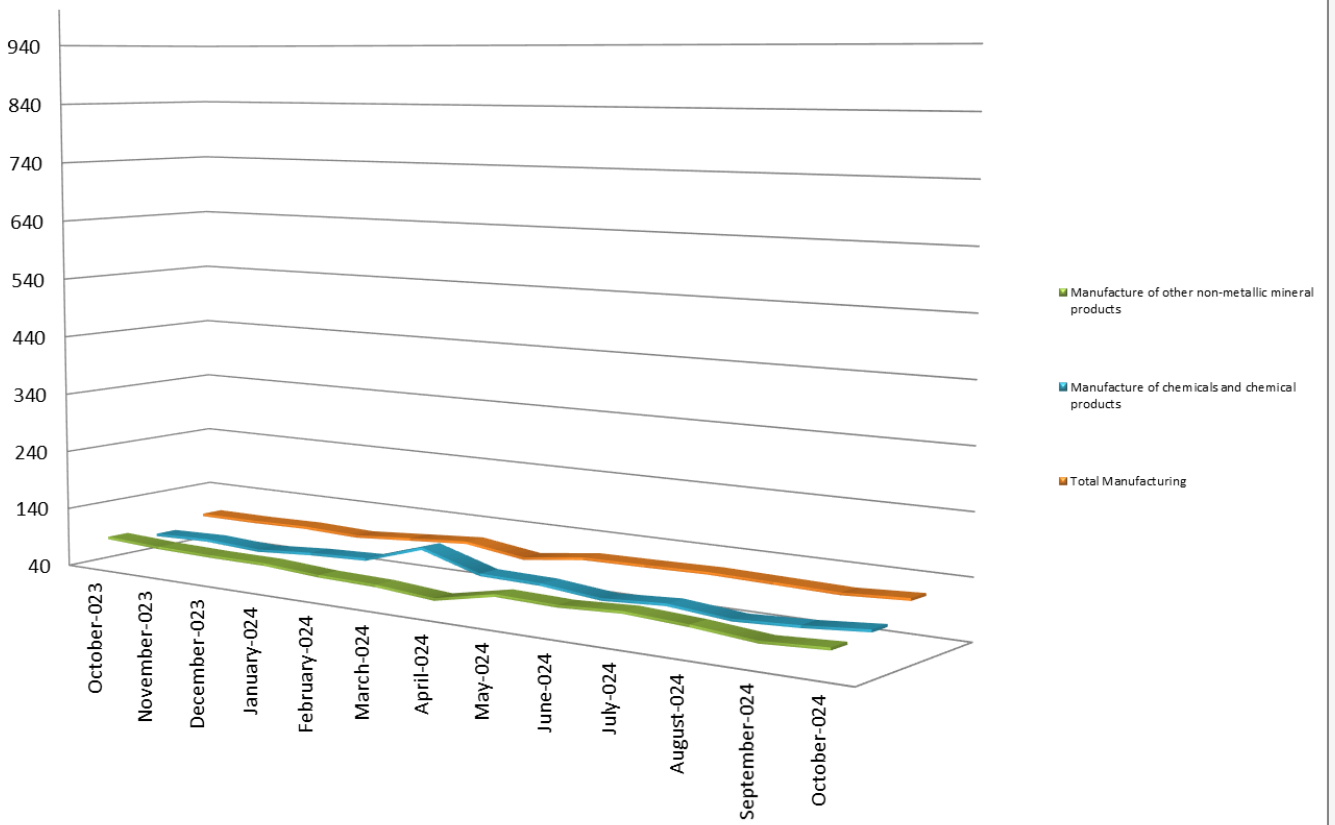


Chart 3A: Major Manufacturing Activities Indices (October 2024 - October 2023)  
 Base (Year / Month FY 2012-2013) = 100



**Chart 3B: Major Manufacturing Activities Indices (October2024-October2023)**  
 Base ( Year / Month FY 2012-2013)= 100



# Database

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**Table 1: Indices for Major sectors of the Egyptian Economy from FY 2012-2013**

**Base (Year / Month FY 2012-2013) = 100**

Fiscal Year	Month	Manufacture Index	Natural Gas Index	Oil Products Index	Electricity Index	Construction Index	Transportation (Excluding Suez Canal) Index	Suez Canal Index *	Tourism Index	Total Production Index
2012	July	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	August	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	September	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	October	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	November	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	December	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2013	January	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	February	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	March	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	April	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	May	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	June	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2013	July	88.89	98.25	105.25	99.02	87.22	80.78	99.10	70.13	91.75
	August	83.54	96.36	95.92	99.50	112.86	72.34	101.88	56.72	89.38
	September	101.33	97.02	91.25	100.97	130.75	64.68	101.54	22.69	92.44
	October	98.82	96.43	97.41	98.70	82.61	71.06	105.17	41.73	89.68
	November	101.40	97.00	100.73	98.93	102.59	88.53	108.51	50.73	95.48
	December	105.46	95.79	102.46	104.68	93.70	97.80	103.53	56.41	97.01
2014	January	96.18	98.40	101.38	104.20	109.45	97.13	106.99	68.37	97.37
	February	101.23	96.71	105.67	103.91	110.26	91.21	90.41	65.62	97.82
	March	114.97	96.41	105.49	107.07	127.58	92.21	108.47	63.89	104.42
	April	105.32	91.84	100.95	106.68	84.75	103.32	108.94	75.14	97.34
	May	108.12	91.02	105.58	105.24	101.26	176.69	107.67	80.46	106.71
	June	108.53	88.55	112.42	96.93	131.74	98.72	109.71	81.11	104.11
2014	July	94.29	98.25	107.57	101.24	66.87	93.64	111.34	77.18	93.81
	August	99.56	85.74	104.79	99.03	185.87	114.67	114.20	93.78	108.03
	September	101.03	89.24	115.02	101.03	104.57	101.42	107.90	83.25	100.09

2015	October	98.69	91.06	101.45	102.26	80.77	97.72	108.85	82.30	94.87
	November	105.51	96.25	105.45	102.01	92.39	141.64	108.61	76.92	102.81
	December	103.27	91.77	99.22	104.53	73.89	111.49	104.92	68.53	95.16
	January	94.82	91.76	102.25	105.08	91.06	114.76	107.33	64.52	95.02
	February	97.08	90.37	113.04	103.82	111.31	104.80	101.79	65.14	98.16
	March	112.07	90.46	109.94	108.72	144.72	106.58	103.12	71.07	106.47
	April	103.00	88.15	100.81	111.32	87.06	98.29	103.94	84.58	96.50
	May	107.36	92.62	102.59	110.00	138.04	113.03	102.62	93.96	106.14
	June	94.05	92.12	106.87	98.89	98.88	95.21	106.67	86.81	96.40
2015	July	95.22	89.94	115.32	105.06	68.12	105.97	101.06	82.46	94.92
	August	106.58	90.95	101.11	107.53	198.10	118.94	103.47	83.65	111.20
	September	106.94	92.53	111.03	111.12	95.37	96.20	103.10	72.38	99.75
	October	106.23	92.65	106.09	110.71	99.12	94.14	101.38	70.01	98.73
	November	115.79	98.96	127.34	111.19	129.78	97.20	100.17	44.16	107.36
	December	107.99	94.50	107.59	109.53	82.54	101.17	101.08	33.97	95.60
	January	100.54	94.86	110.16	111.08	142.03	105.20	101.65	31.30	100.32
	February	99.22	93.17	125.30	111.04	122.26	104.00	106.95	31.26	100.02
	March	122.60	92.67	120.95	115.09	120.39	99.37	97.30	33.28	105.43
2016	April	102.66	91.81	108.36	119.08	87.96	98.54	98.23	33.28	94.19
	May	111.92	97.11	112.94	119.11	127.40	110.13	90.77	39.63	103.94
	June	96.50	102.37	117.41	116.99	87.15	94.08	103.48	30.27	95.34
	July	93.65	100.50	115.25	114.25	36.37	98.02	99.05	42.18	89.48
	August	112.07	101.12	111.37	118.54	187.93	115.29	100.22	41.74	111.86
	September	104.46	104.13	123.91	114.33	143.36	91.82	95.70	39.67	105.08
	October	107.15	103.60	110.66	111.54	130.98	92.69	94.36	37.21	102.09
	November	124.84	102.41	105.10	110.22	94.71	92.10	95.46	36.55	102.26
	December	114.35	99.91	107.08	115.32	74.17	93.49	97.60	43.67	97.86
2016	January	109.78	102.98	110.39	114.59	106.91	101.47	97.56	48.29	102.07
	February	107.59	105.72	126.92	106.77	101.18	103.98	100.13	54.22	104.45
2017	March	114.98	101.34	120.20	107.91	111.07	96.49	104.05	54.29	105.35
	April	107.22	107.42	111.88	108.79	86.52	101.34	105.37	63.38	101.66
	May	108.65	112.37	99.63	104.44	137.19	118.30	100.39	61.76	107.30
	June	102.70	113.48	101.55	91.24	98.67	103.08	105.59	55.88	100.02
2017	July	106.02	112.53	101.37	110.84	108.84	108.32	103.23	73.86	104.45
	August	116.45	128.23	102.95	112.73	186.73	108.35	105.37	83.03	119.97
	September	115.55	111.10	110.80	114.04	87.04	102.61	105.42	75.83	106.07
2018	October	122.31	110.43	98.52	111.52	121.86	105.18	106.97	67.87	109.16

Detailed Financial Performance Report - Q3 2019										
Year	Quarter	Region A				Region B				Region C
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
2018	November	120.12	110.65	99.10	112.95	109.08	106.21	113.49	64.66	107.47
	December	114.24	109.25	97.26	111.37	100.68	114.29	111.05	70.56	105.28
	January	109.29	114.51	97.41	108.99	93.20	111.44	111.55	71.74	103.91
	February	110.19	112.58	108.58	111.06	107.97	103.69	116.12	75.44	107.04
	March	124.85	110.76	101.00	112.37	110.97	101.71	113.65	80.20	110.29
	April	111.41	110.89	87.85	115.16	90.84	103.20	118.03	87.99	103.30
	May	113.94	120.22	97.41	112.68	92.72	108.17	114.84	84.66	107.46
	June	103.25	121.88	101.01	110.25	81.72	94.27	115.45	96.78	103.89
2018	July	111.26	125.24	87.64	110.63	101.25	109.46	114.13	109.91	109.14
	August	113.16	123.07	89.25	114.20	126.30	123.89	112.45	114.57	113.77
	September	118.57	125.44	92.25	115.67	116.84	103.19	114.47	101.44	112.68
	October	116.62	119.57	92.28	113.07	90.97	108.76	114.22	88.92	107.53
	November	117.85	118.39	89.25	109.94	95.44	111.67	111.80	81.38	107.02
	December	117.67	114.26	87.36	109.81	91.78	119.14	111.05	90.13	106.77
2019	January	111.93	118.34	88.83	105.88	94.89	114.47	115.70	80.23	105.29
	February	110.61	116.33	97.04	106.29	103.00	114.19	114.76	92.07	107.58
	March	128.29	119.66	96.99	106.80	108.04	104.44	110.46	93.13	113.07
	April	118.03	116.70	86.83	105.44	95.47	110.46	125.44	107.90	108.90
	May	120.82	121.97	86.43	101.62	84.94	113.79	124.04	101.64	109.12
	June	107.84	117.91	84.55	91.57	104.48	108.64	125.73	120.45	107.10
	July	116.44	119.24	87.96	103.33	89.11	109.83	123.91	122.37	109.45
	August	117.73	119.46	87.52	108.96	122.46	129.74	122.95	125.25	115.34
2019	September	116.89	116.32	84.41	107.74	116.05	123.46	117.80	109.93	111.25
	October	116.93	115.90	85.17	111.73	89.38	128.31	116.23	97.86	107.98
	November	119.05	115.22	81.46	108.78	103.07	133.39	117.98	89.90	109.02
	December	118.48	113.07	78.79	104.95	92.94	141.21	114.73	94.20	107.64
	January	121.92	121.59	80.84	105.72	95.39	146.53	122.71	92.74	111.60
	February	115.00	121.97	90.09	109.98	113.77	143.05	122.09	96.34	113.19
2020	March	111.17	111.98	85.52	102.04	127.43	120.18	111.34	38.60	103.34
	April	93.86	107.29	72.55	95.19	75.41	95.49	122.65	1.38	84.98
	May	86.60	112.58	68.24	94.47	81.16	90.91	109.15	4.10	83.07
	June	104.70	116.89	63.33	82.84	89.54	111.76	102.52	5.59	90.39
	July	93.73	119.17	75.25	98.25	75.04	134.46	100.32	7.81	90.52
	August	95.51	119.88	72.98	105.98	134.36	159.60	103.49	19.82	100.53
2020	September	98.97	123.12	73.70	109.33	88.87	134.32	106.85	21.80	95.93
	October	96.94	120.96	77.50	109.68	80.28	133.64	110.63	25.29	95.02
	November	97.23	118.96	76.12	109.22	115.62	139.56	119.72	24.20	98.96
	December	98.54	119.88	78.88	109.88	118.98	141.21	119.72	25.29	98.96
	January	99.85	120.96	80.84	110.96	122.46	143.05	122.09	26.59	100.53

2020	December	100.32	117.23	78.04	105.87	79.28	146.25	114.70	28.00	96.52
	January	98.70	122.75	77.90	103.36	105.56	152.54	122.36	33.42	101.06
- 2021	February	104.09	123.22	82.83	101.54	96.71	148.47	125.53	33.51	102.32
	March	118.98	124.83	82.13	105.86	114.78	140.07	122.63	42.30	108.88
	April	109.10	123.03	71.70	103.35	75.24	144.13	136.32	49.99	101.33
	May	102.89	124.46	76.47	104.33	89.65	148.52	121.46	57.17	102.40
	June	117.39	124.52	80.13	103.00	104.11	137.79	123.85	62.48	108.37
	July	104.98	125.26	85.07	108.21	68.83	145.34	122.79	70.18	103.37
	August	113.56	126.95	80.24	116.26	182.75	167.83	126.00	79.33	120.45
2021	September	115.74	126.30	90.60	117.80	95.97	146.12	128.95	81.42	112.09
	October	108.44	117.18	85.57	115.95	110.86	139.34	124.78	90.92	108.91
- 2022	November	110.06	116.97	89.63	111.16	96.59	146.72	140.77	90.35	109.53
	December	115.15	112.41	87.96	107.53	82.98	153.37	130.78	85.00	107.94
	January	112.46	121.47	89.57	107.96	101.60	160.60	134.71	75.49	111.13
	February	110.14	120.62	106.15	107.95	110.22	156.52	145.70	76.23	113.98
2022	March	119.43	116.46	103.62	109.96	115.14	142.84	147.69	69.66	114.51
	April	109.01	117.76	98.44	109.53	68.35	147.90	155.26	75.97	107.26
- 2023	May	112.03	117.38	92.37	103.77	96.28	151.08	149.30	97.70	111.63
	June	117.35	126.80	92.96	100.99	104.57	154.23	163.40	101.25	117.07
	July	102.92	121.48	97.69	121.67	89.15	157.31	162.96	112.75	112.94
	August	117.71	121.36	94.97	127.26	176.71	164.56	166.95	125.42	128.04
2022	September	115.29	114.73	108.61	131.08	100.58	148.52	157.59	108.68	117.21
	October	109.97	108.54	106.05	130.18	106.51	143.90	160.14	103.48	113.92
- 2023	November	110.45	115.08	102.13	125.00	97.81	150.99	174.22	89.61	113.65
	December	108.58	111.24	100.67	117.18	71.90	160.06	173.58	99.15	110.59
	January	105.08	116.28	100.07	117.43	96.76	156.79	198.62	94.20	113.50
	February	106.49	111.87	102.70	116.76	84.60	157.98	198.64	104.40	113.09
2023	March	108.49	118.06	103.77	118.50	86.96	145.47	205.03	104.67	114.68
	April	94.29	119.08	84.09	116.10	55.63	147.07	222.97	119.88	106.46
- 2024	May	104.71	121.76	91.77	118.21	88.47	151.47	216.39	135.44	116.13
	June	101.76	127.91	93.97	120.34	82.36	140.67	214.06	129.51	114.81
	July	103.04	125.89	104.14	129.86	77.44	147.23	208.61	133.18	116.84
	August	104.91	124.41	110.42	139.50	152.49	167.94	198.97	146.37	128.68
2024	September	100.71	124.06	104.97	138.10	91.94	144.04	196.78	129.93	116.73
	October	96.78	116.63	99.02	137.72	112.23	139.81	198.87	111.69	113.51
- 2025	November	96.47	118.37	97.14	130.63	87.29	152.84	212.14	95.19	110.82
	December	98.20	113.45	93.09	122.22	87.35	162.01	176.75	99.45	108.95
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2023	January	94.94	118.47	94.46	113.49	93.13	162.37	106.22	98.63	106.34
	February	102.21	125.65	108.55	124.49	90.31	163.65	91.87	114.72	113.06
2024	March	109.33	122.54	105.18	121.22	93.54	158.25	82.70	101.40	112.26
	April	95.47	121.04	84.80	120.63	55.79	154.12	81.36	120.13	101.92
	May	108.27	120.56	85.26	123.92	91.80	155.73	76.69	131.59	110.44
	June	109.55	116.92	101.61	125.95	98.10	142.74	77.04	134.21	112.56
2024	July	111.45	123.62	123.98	143.83	87.56	167.54	73.31	142.13	120.05
-	August	109.13	121.39	118.07	153.18	161.07	185.67	75.71	151.05	128.41
2025	September	106.73	119.57	126.68	152.38	112.65	171.45	73.35	133.66	120.87
	October	112.32	119.20	100.36	144.55	98.44	161.75	72.69	124.22	114.93

# Methodology

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## The current methodology for the preparation of the Monthly Production Index:

A monthly Total Production index will enable decision makers to monitor, track and control the development of several economic sectors of Egyptian economy. This monthly composite index includes monthly indicators for the following sectors: construction, electricity, Suez Canal, manufacturing, oil products, natural gas, transportation and tourism. It provides timely information on activity in the economy.

To derive the composite index, each component was multiplied by the relative weight of each sector in GDP, based on SNA'1993 and its adjustment SNA'2008 methodology and 2012/2013 values.

**Note:** Tourism Satellite Account which prepared by the National Account Unit in Ministry of Planning and Economic Development for 2013-2012 is used to get the relative weight of tourism sector in 2012/2013.

### Major Economic sectors-components of the Total Production Index:

#### Manufacture:

The index for manufacturing is based on the monthly manufacturing production survey developed by the staff of the industrial Statistics Department at CAPMAS. The sample field survey has been conducted for 586 companies that cover 70% of the manufacture activity to get the monthly production index.

#### Natural Gas

The index for natural gas is based on data provided on the monthly basis by ministry of petroleum. The index is depending on consumed amounts of gas.

#### Oil Products

The index for oil products is based on data provided on the monthly basis by ministry of petroleum. The index is depending on consumed amounts of petroleum products.

#### Electricity

The index for electricity is based on consumption by households, commercial establishment and industrial units in KWH, as provided on the monthly basis by ministry of Electricity and Energy.

### Construction

The index for construction is based on Sales of cement and iron bar. The data source is the monthly bulletin of the Ministry of Supply and Internal Trade has been taken as variables controlling that activity.

### Transportation

The index for Transportation is based on variables that reflect the various modes of transportation in economy and includes railway tonnage, road tonnage, and maritime tonnage, railway passengers and road passengers. The data is provided on the monthly basis by Ministry of Transportation.

### Suez Canal

The index for the Suez Canal is based on the fees collected from ships traveling through the Canal. The receipts are shown in US Dollars and are provided on the monthly basis by the Suez Canal Authority.

### Tourism

The index for tourism is based on the number of tourist and the number of nights spent in country. The data is provided on the monthly basis by ministry of tourism.

Production Index is under the continuous development. In the light of "transparency" principle, any amendment-taking place in its methodology will be circulated immediately.

## **Two types of analysis are used to analyze the various indices:**

### First: Short Term Analysis

- For the current year, monthly change rate is calculated for the latest monthly compared with the previous month.
- Similarly, the same calculation is done for the corresponding two months in the previous year.

### Second: Long Term Analysis

- Annual change rate is calculated for the latest month (current year) compared with the corresponding month (previous year)
- A similar calculation is done for the previous month in the current and previous years

**The equations used for the preparation of the Monthly Production Index:**

1- If the index is made up of one variable

$$\left[ \frac{\text{Size of Variable in the Comparison month}}{\text{Size of Variable in the Base month}} \right] \times 100$$

2- If the index is made up of many variables

$$\left[ \frac{\text{Size of Variable A in the Comparison month}}{\text{Size of Variable A in the Base month}} \right] \times \text{relative weight of variable A to total variables} \quad \text{( A )}$$

$$\left[ \frac{\text{Size of Variable B in the Comparison month}}{\text{Size of Variable B in the Base month}} \right] \times \text{relative weight of variable B to total variables} \quad \text{( B )}$$

Then the index is = A + B X 100

For example, the relative weight of the variable A depends on whether or not the elements of the activity can be collected, if the elements can be collected like the

**activities of electricity and construction, then:**

$$\text{Relative weight of Variable A} = \frac{\text{Size of Variable A in the Comparison month}}{\text{Total of Variables in the Base month}}$$

**In case, the elements of the activities cannot be collected such as the transportation and the tourism activities, then:**

$$\text{Relative weight of Variable A} = \frac{\text{Size of Variable A in the comparison month}}{\text{Standard deviation of variable for the months of the base year}} \div X$$

**Where X = Total standard deviations of the activity's variables**