

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022



Price Index Department
October 2025

Kurdistan Region Government
Ministry of Planning
Kurdistan Region Statistics Office



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Price Index Department

October 2025

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Preface

Producer Price Index (PPI) is an important indicator of economic performance as it reflects the ability of national products to compete based on the commercial capabilities of the domestic economy. The more competitive the local products are, the better the balance of trade will be.

The Kurdistan Region Statistics Office (KRSO) worked to provide the necessary social, economic, and demographic statistical data for decision-makers, policymakers, and those interested in research of all kinds. To achieve a high level of proficiency in these areas, KRSO always tries to develop its technical potential in line with the rapid and continuous advancements in research."

Seerwan Mohamed Muhiadeen

President of Kurdistan Region Statistics Office

Acknowledgment

We would like to express our gratitude and appreciation to all entities and individuals, from the employees of the Kurdistan Region Statistics Office and the statistical directorates in the governorates, who contributed to the success of this work in all stage—from data collection, tabulation, and analysis to preparation for publication. We also thank the Central Statistics Organization for their assistance in completing this work."

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Introduction

The positive role played by the manufacturing industry, whether in advanced or developing countries, impacts the local, regional and international economic environment. This characteristic distinguishes manufacturing industry from other economic activities. It also plays a key role in creating jobs, improving livelihoods, and increasing individual incomes, as well as in replacing imports, developing exports, diversity of income sources, providing more foreign exchange, and improving the balance of payments.

Given the important role of Industries, the index number department of the Central Statistics organization in collaboration with the Kurdistan Region Statistics Office, has, for the first time calculated the producer prices index for big industrial products at the government level in Iraq and Kurdistan Region. The fieldwork was conducted in collaboration between the Department of Price Index Number and Industrial Statistics Department on the basis of the fourth quarter of 2021.

Objectives

Producer Price Index (PPI) is used to monitor changes in the volume of local production and its impact on the markets. PPI helps in understanding the price trends, production quantities, and market conditions. It also serves as an important indicator of the progress and development in the local production sector over time. This leads to the calculation of the price index for 12 industrial sectors, as well as the economic activities for each sector at the level of governorates, Kurdistan region and Iraq.

Target groups

The survey includes a group of establishments engaged in manufacturing activities, and defined by the International Standard Industrial Classification (ISIC4). The most important requirements that must be met by the selected establishments can be listed as follows:

- The establishment must be engaged in manufacturing activities.
- The establishment must have continuous operation in production
- The establishment must be open to the public. Private establishments that serve or sell only to a specific group of people, require membership, or are limited to certain people or entities are excluded from data collection.
- Production activities and their code are as follows:

Manufacturing industries

10. Manufacture of food products
11. Manufacture of beverages
12. Manufacture of tobacco products
13. Manufacture of textiles
14. Manufacture of wearing apparel
15. Manufacture of leather and related products
16. Manufacture of wood and of products of wood and cork, except furniture
17. Manufacture of paper and paper products
18. Printing and reproduction of recorded media
19. Manufacture of coke and refined petroleum products
20. Manufacture of chemicals and chemical products
21. Manufacture of pharmaceuticals, medicinal chemical and botanical products
22. Manufacture of rubber and plastics products
23. Manufacture of other non-metallic mineral products
24. Manufacture of basic metals
25. Manufacture of fabricated metal products, except machinery and equipment
27. Manufacture of electrical equipment
28. Manufacture of machinery and equipment n.e.c.
29. Manufacture of motor vehicles, trailers and semi-trailers
30. Manufacture of other transport equipment
31. Manufacture of furniture
32. Other manufacturing
33. Repair and installation of machinery and equipment

Concepts

Industry: is a social and cooperative activity engaged on extracting raw materials, producing or importing them, and then converting them into a wide range of manufactured goods for consumption. Or we can say it refers to a group of factories or businesses that produce more than one type of product, with a primary focus on manufacturing a specific good.

Classification of industrial establishment: The ISIC version 4 (International Standard Industrial Classification) was used to classify the components of the industrial production index to facilitate comparisons between countries, as many countries rely on it for standardizing the classification of industrial activities.

In light of the selection of economic activities covered by the industrial production index, and after reviewing the local production of industrial goods at the required level (categories), the activities were selected according to their relative importance and availability in the markets. Based on this classification, detailed tables for index numbers are prepared with details on categories, groups, subgroups and items.

In Iraq, industrial establishments are classified according their size into large, medium and small relying on the classification of the industrial department in Central Statistics Organization (CSO) and Kurdistan Region Statistics Office (KRSO). Currently, industrial establishments are classified according to the number of workers. Industrial establishments with 1 to 9 workers are considered small, those with 10 to 29 workers are medium, and those with 30 or more workers are considered large.

Final product: Final product represents goods or items that have undergone the entire industrial process and are suitable for sale in their original condition (without undergoing further transformation or being converted into another product). The final product can be used as raw material for another economic activity.

Production Provided to Others: It refers to the output produced by an industrial establishment whose raw materials are returned to others, such as those in mills where the price of wheat milling is collected.

The main activity of the establishment: It is an activity that generates the highest value added within that establishment. The main product of this activity is used in the domestic market or may be exported or used for capital formation.

Establishment: It refers to an economic unit that engages in industrial activities in a particular place or places under one ownership or management and produces homogenous goods and services. It is independent in management and accounts. It may consist of one or more factories, offices or places.

Data Collection: Mechanism for collecting price for Big industries establishments was relied on the 2018 Economic Questionnaire, which calculated the weights for that year. It was also relied on data from recent surveys of Big industries establishments that were available in industrial statistics directorates. The economic survey covered all Big industries establishments across various sectors, including public, government, private, and mixed sectors.

A sample of goods is selected based on production price. Then monthly sales volume and price value of each product are then collected, and price index is calculated based on measurement unit for homogeneous items. Process of data collecting is as follows:

1. Products and items are selected in the fourth quarter of 2020 which will remain unchanged until the next update, unless replacement is required for sample updates.
2. If the establishment produces one product, data will be collected for that product only. If it produces multiple products, the three products with the highest production value are selected, then data will be collected on the best-selling item for the selected product.

3. The price of the product is in Iraqi Dinar. When prices are converted into other currencies, the average monthly exchange rate (market parallel exchange rate) is used.
4. Data are collected every three months. The survey form is filled out in advance by the establishment. the field enumerators visit all establishments to collect monthly information (production value and quantity sold) on the items included in the sample selected in the las quarter of 2020.
5. Enumerators should not collect any data or information not included in the sample, unless the production of one of the sampled items has stopped. In such cases, the field enumerator must ask whether this situation is permanent or temporary. If permanent, data should be collected for other similar items. The employee from the Prices Department at KRSO/Price Index Department should always be informed when the production of any goods is stopped, as well as provided with all information related to alternative items.

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 1: A presumptive example of selecting sample from industrial establishments

No.	Products (7 digits)	Output value	Best-selling item from each product
			(10 digits)
1	Electric generator	High output price (10 million)	2 kv
			3 kv
			7 kv
2	Electric heater	High output price (8 million)	50 L
			70 L
			120 L
3	Fan	Low output price (2 million)	Ignored
4	Refrigerators	High output price (6 million)	Biko (9 foot)
			Biko (12 foot)
			Biko (16 foot)
5	TV	Low output price (1 million)	Ignored

Finally, the enumerators will select the following items from the table above

No	Products (7 digits)	Output value	Best-selling item from each product
			(10 digits)
1	Electric generator	High output price (10 million)	3 kv
2	Electric heater	High output price (8 million)	120 L
3	Refrigerators	High output price (6 million)	Biko (9 foot)

Hypothetical examples faced by the field researcher:

- 1 .An establishment that produces bitumen exclusively for government purposes, i.e., its entire production is for government, does not match the entity's data because all its production is for government purposes.
- 2 .A facility that manufactures ice cream and dairy products. Cheese products were chosen, then cream products, and the third product was ice cream. Data were collected for three selected crops according to their seasonal appearance.
- 3 .A facility produces two products, one of which is an air cooler and the other is a water pump (water motor). The two products are united. Production data for the refrigerant product will appear in the fourth quarter, specifically in October. The data may not appear in November and December, or even all of the months of the first quarter, and there's no harm in that. Production data will then be collected again in early April in the second quarter.
- 4 .The facility producing blocks, unit of measurement, number in thousands. The facility that produces the bricks, a dual is unit of measurement.
5. Pay attention to the description of the product produced. Example: A facility that produces concrete molds. The size of the mold (dimensions) should be mentioned in the description to differentiate it from other molds produced by the facility, so that it can be easily referred to when inquiring about its price in future months. This includes tile factories and so on.

Calculating the price index

Data collection is based on the description of the specific item. Jevons method is used for grouping at the primary level, and the Laspeyres method for grouping at the higher levels. Missing prices are estimated according to international standards. A thorough verification process is carried out to ensure the accuracy and reliability of data as mentioned below.

1. In order to obtain a final cumulative index on a based period, the short-term index calculation method is used by multiplying every month's index with the previous month's index (moving index numbers).
2. Then, the seasonal price index is calculated by the Jevons method by calculating the geometric average of the monthly prices in each season, then the amount obtained is divided by the base price to calculate the short-term (seasonal) price.
3. The monthly price is used to check the quality of data. All price changes greater than 20% must be verified or corrected.
4. If an item is temporarily missing, its price is estimated using the price changes of other items within the same ISIC rev. 4 and the same governorate. If this is not available, we take the price changes of other items within the same ISIC rev. 4 in a different governorate. When an item is missing for the third consecutive month or if it is known to be permanently missing, it is replaced.

Analyzing of the most important indicators

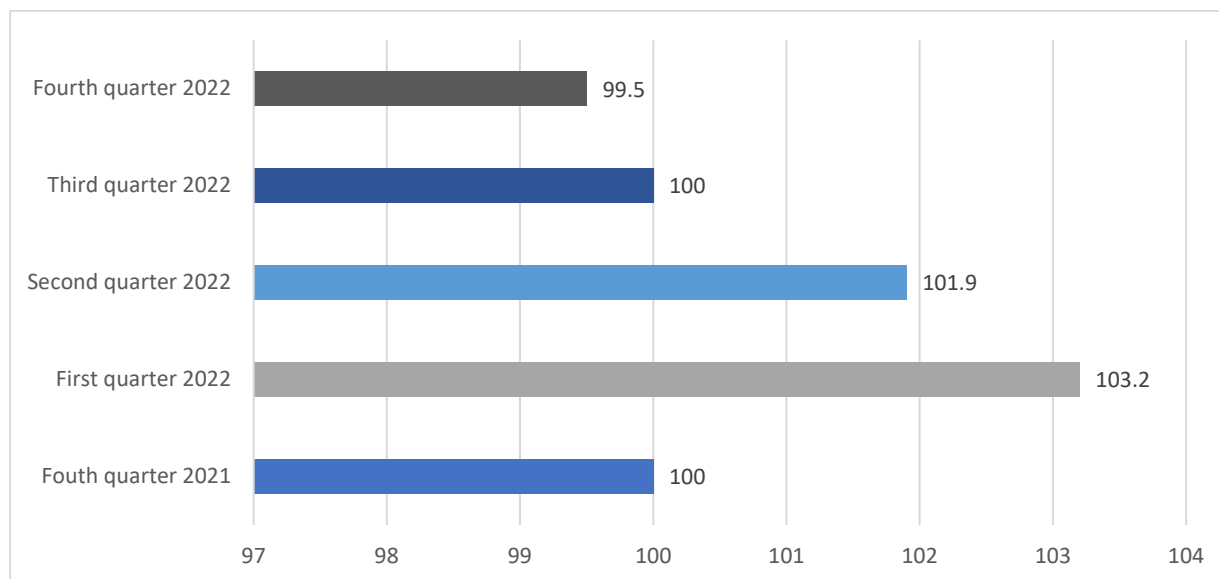
In 2022, annual price index for Big industries establishments in Kurdistan Region reached 101.1. At the level of quarters, the price index is as follows.

First quarter: The price index for Big industries establishments reached 103.2 showing an increase of 3.2% compared to the fourth quarter of 2021 (set to 100).

Second quarter: The price index reached 101.9 showing a decrease by 1.3% compared to the first quarter of 2022.

Third quarter: The price index reached 100 presents a decrease by 1.9% compared to the second quarter.

Fourth quarter: The price index reached 99.5 showing a decrease by 0.5% compared to the third quarter.



Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Figure 1: Producer Price Index at the level of governorates in Kurdistan Region in 2022 by quarter

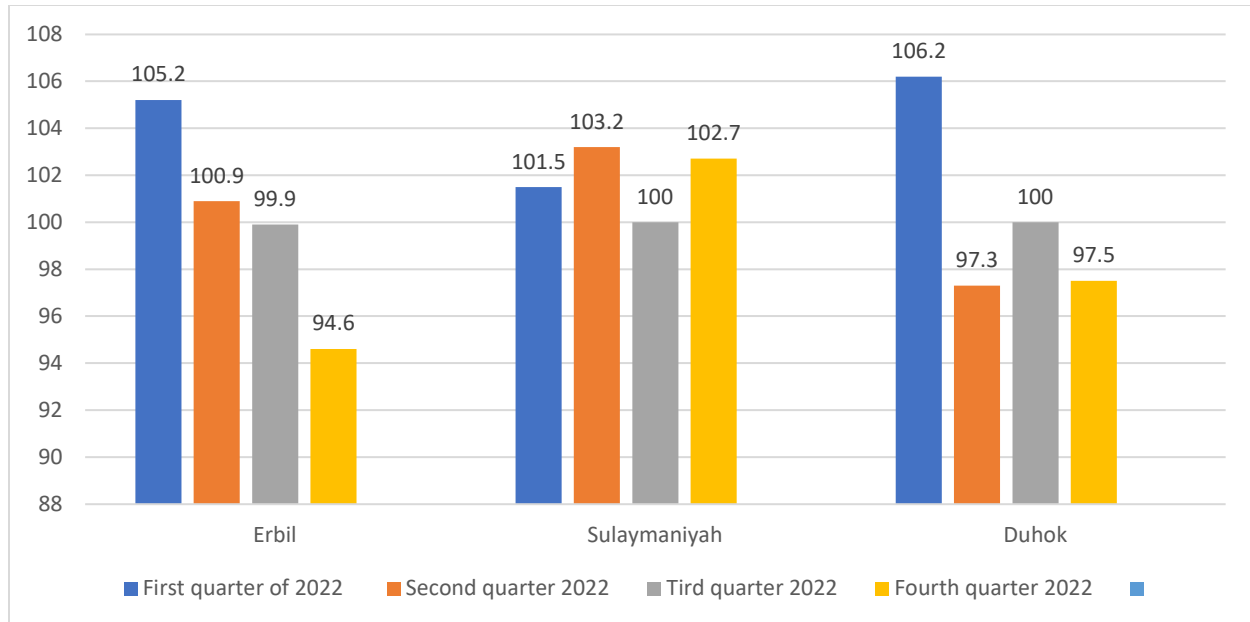
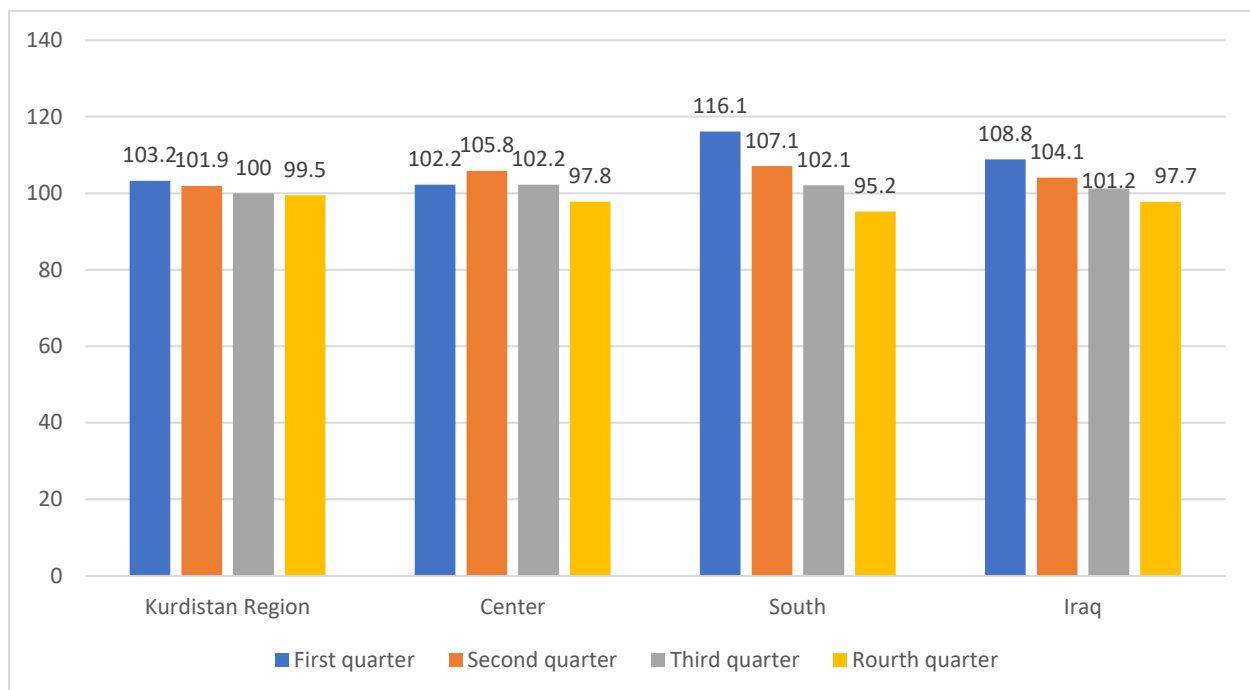
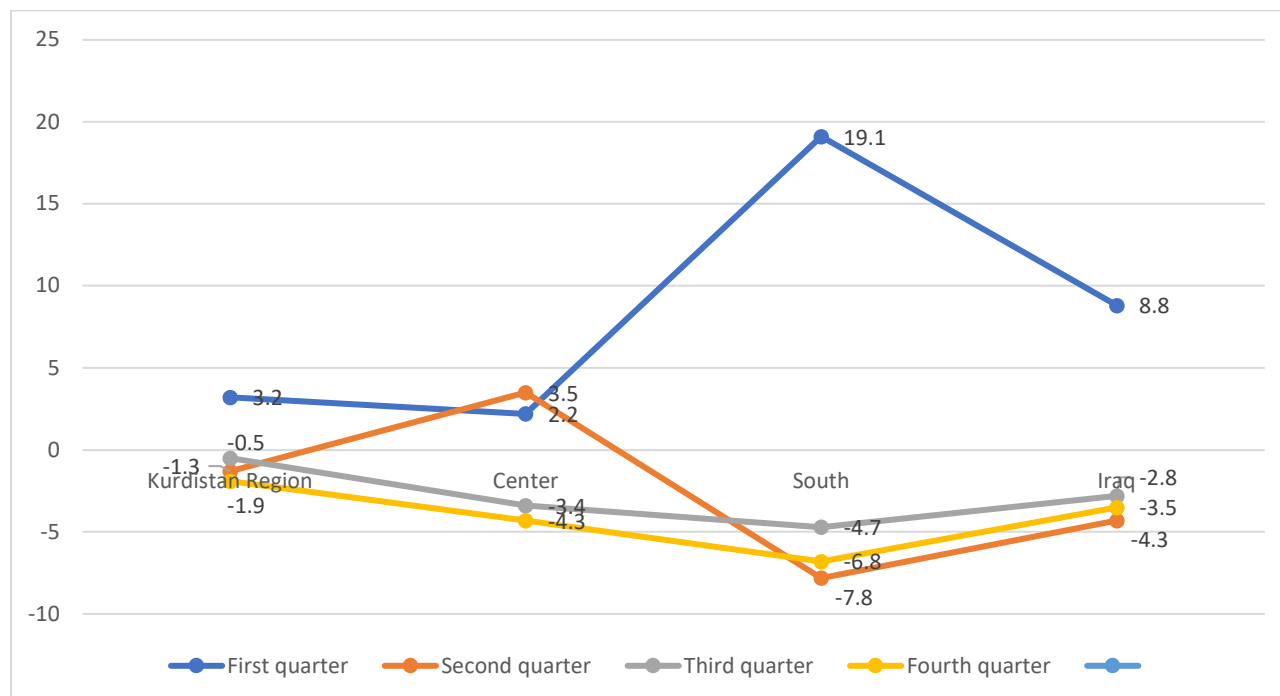


Figure 2: Producer Price Index in Kurdistan Region and Iraq (central and southern governorates) by quarter for 2022



Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Figure 3: Seasonal percentage change of Producer Price Index of Big industries in Kurdistan Region and Iraq (central and southern governorates) by quarter for 2022



Producer price index at the level of governorates

Erbil governorate:

In 2022, the Producer Price Index (PPI) for Big industrial establishments in Erbil Governorate reached 101.1. The quarterly breakdown of the Producer Price Index is as follows:

First quarter: for the first quarter, Producer Price Index recorded 105.2 with an increase of 5.2% compared to the fourth quarter of 2021(100).

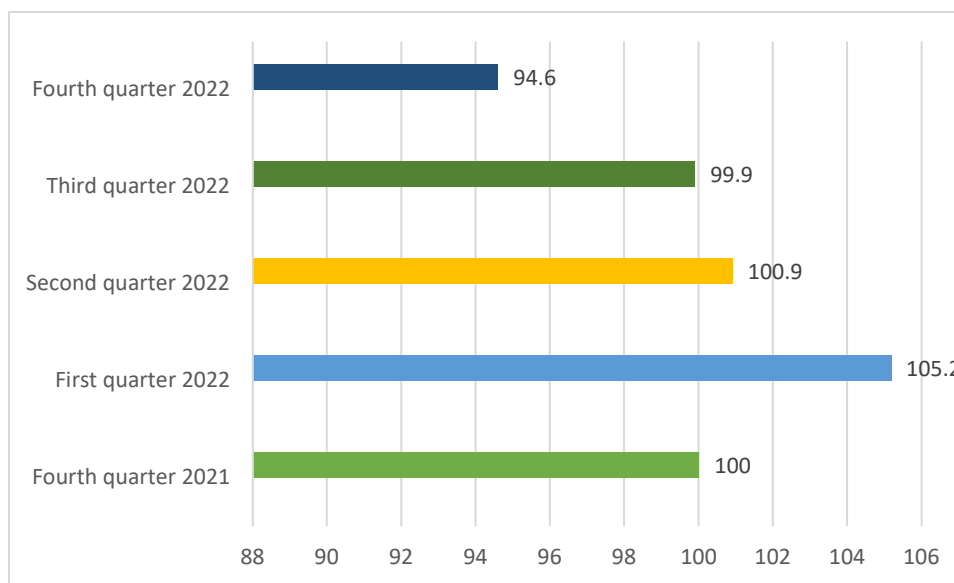
Second quarter: price index reached 100.9 showing a decrease by 4.1% compared to the first quarter of 2022(105.2).

Third quarter: price index reached 99.9 showing a decrease by 1.0% compared to the second quarter of 2022(100.9).

Fourth quarter: Producer price index reached 94.6 showing a decrease by 5.3% compared to the third quarter of 2022(99.9).

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Figure 4: Quarterly Producer Price Index of Big industries in Erbil governorate for 2022



Sulaymaniyah governorate:

In 2022, the Producer Price Index (PPI) for Big industrial establishments in Sulaymaniyah governorate reached 101.9. The quarterly breakdown of the Producer Price Index is as follows:

First quarter: for the first quarter, Producer Price Index recorded 101.5 and compared to the fourth quarter of 2021(100)(base period) showing an increase of 1.5%.

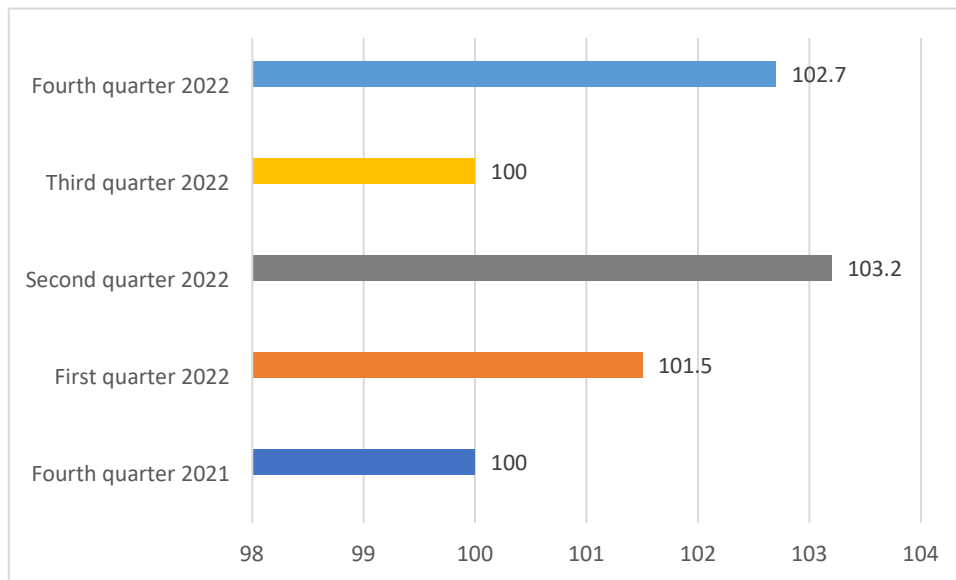
Second quarter: price index reached 103.2 showing an increase by 1.7% compared to the first quarter of 2022(101.5).

Third quarter: price index reached 100 showing a decrease by 3.1% compared to the second quarter of 2022(103.2).

Fourth quarter: Producer price index reached 102.7 showing an increase by 2.7% compared to the third quarter of 2022(100.0)

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Figure 5: Quarterly Producer Price Index of Big industries in Sulaymaniyah governorate for 2022



Duhok governorate:

In 2022, the Producer Price Index (PPI) for Big industries establishments in Duhok governorate reached 100.2. The quarterly breakdown of the Producer Price Index in Duhok governorate is as follows:

First quarter: for the first quarter, Producer Price Index recorded 106.2 and compared to the fourth quarter of 2021 (base period) showing an increase of 6.2%.

Second quarter: price index reached 97.3 showing a decrease by 8.4% compared to the first quarter of 2022.

Third quarter: price index reached 100 for the third quarter showing an increase by 2.8% compared to the second quarter of 2022.

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Fourth quarter: Producer price index reached 97.5 for the fourth quarter of 2022 showing a decrease by 2.5% compared to the third quarter of 2022.

Figure 6: Quarterly Producer Price Index of Big industries .in Duhok governorate for 2022

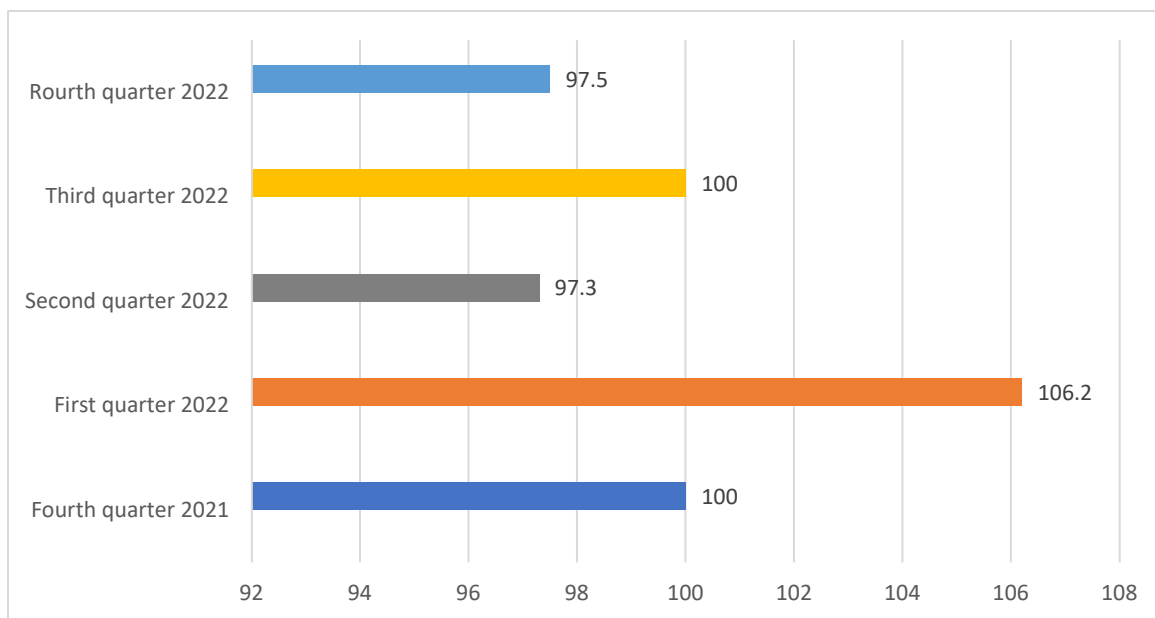
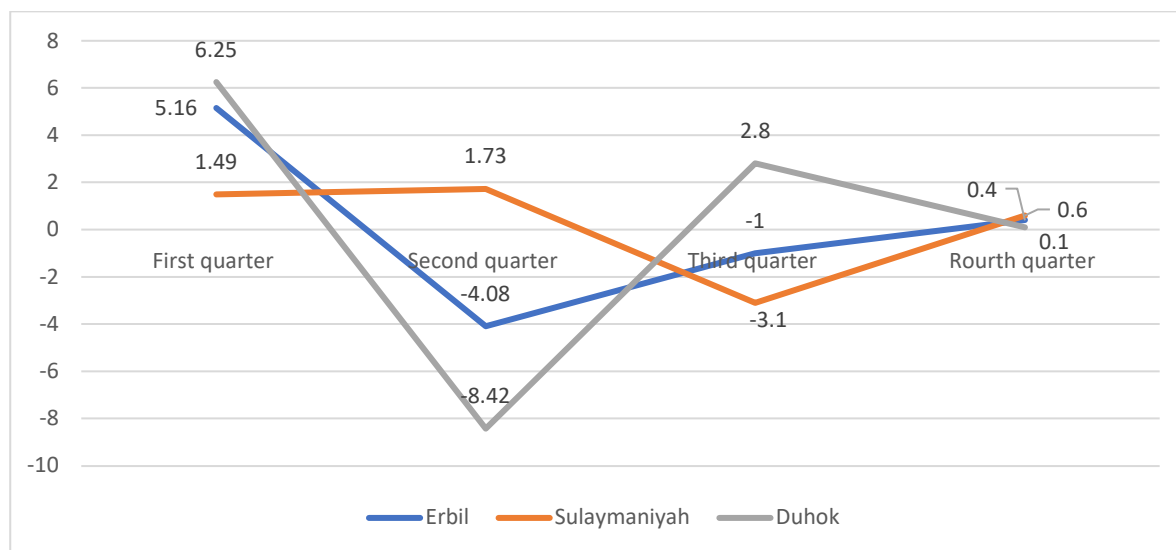


Figure 7: Quarterly percentage change in the Producer Price Index at the level of governorates in Kurdistan Region for 2022



Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Figure 8: Producer price index in Kurdistan Region and Iraq (central and southern governorates) for 2022

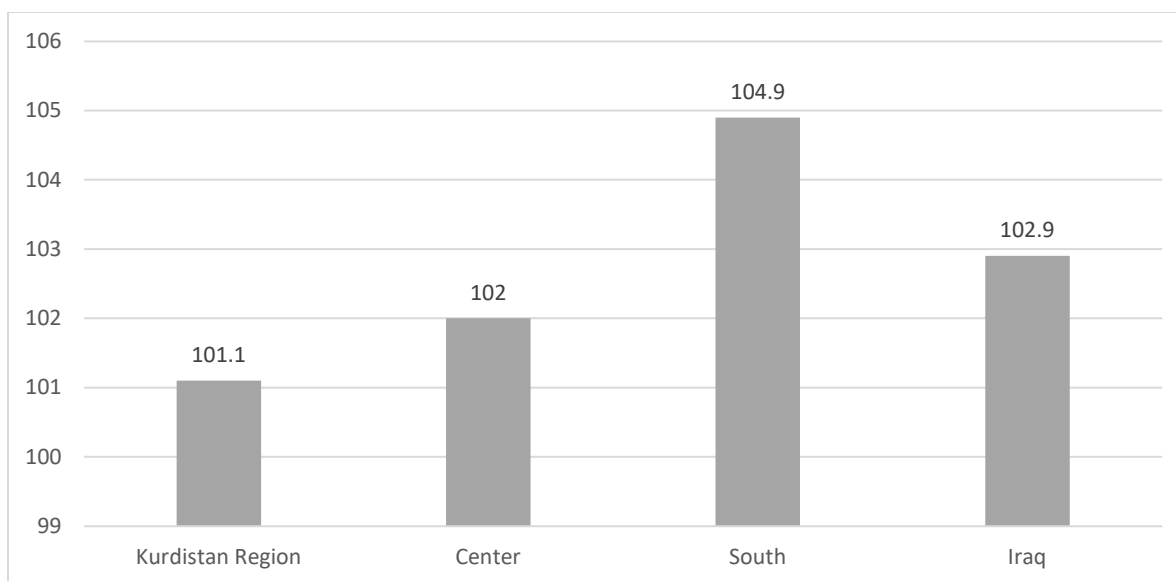
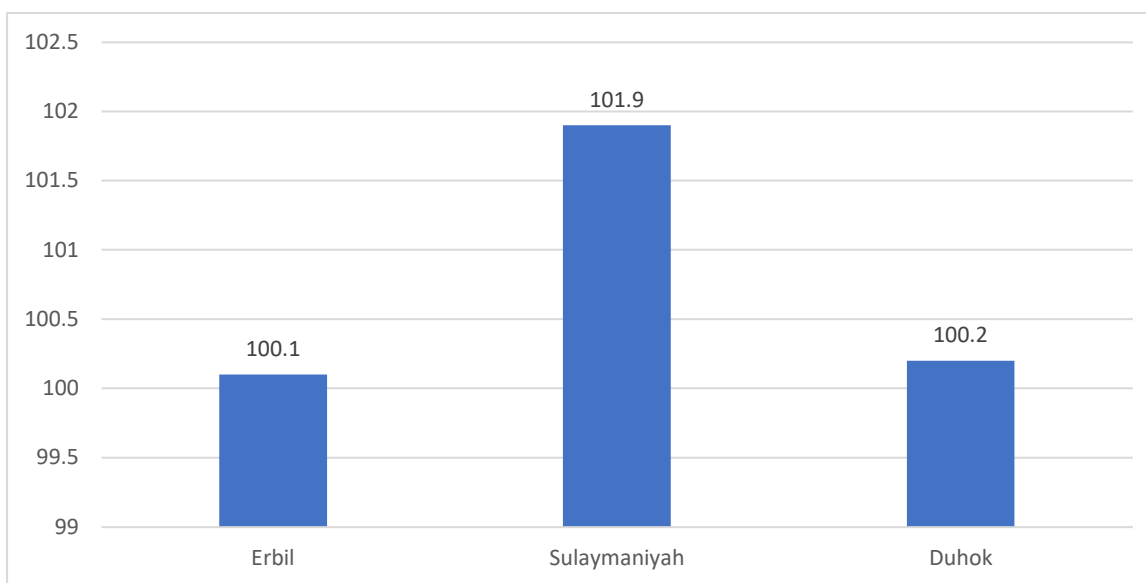


Figure 9: Producer price index at the level of governorates in Kurdistan Region for 2022



Tables

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 2: Division of Manufacturing industry activities according to ISIC Rev. 4

Division	Activity
10	Manufacture of food products
11	Manufacture of beverages
12	Manufacture of tobacco products
13	Manufacture of textiles
14	Manufacture of wearing apparel
15	Manufacture of leather and related products
16	Manufacture of wood and wood products, cork, except furniture
17	Manufacture of paper and paper products
18	Printing and reproduction of recorded media
19	Manufacture of coke and refined petroleum products
20	Manufacture of chemicals and chemical products
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products
22	Manufacture of rubber and plastics products
23	Manufacture of other non-metallic mineral products
24	Manufacture of basic metals
25	Manufacture of fabricated metal products, except machinery and equipment
26	Manufacture of computer, electronic and optical products
27	Manufacture of electrical equipment
28	Manufacture of machinery and equipment n.e.c.
29	Manufacture of motor vehicles, trailers and semi-trailers
30	Manufacture of other transport equipment
31	Manufacture of furniture and wood production n.e.c.

Table 3: Description of industrial divisions according to industry activities ISIC Rev.4

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

10	Manufacture of food products
1010	Processing and preserving of meat
1020	Processing and preserving of fish, canning fish and fish products
1030	Processing and preserving of fruit and vegetables
1040	Manufacture of vegetable and animal oils and fats
1050	Manufacture of dairy products
1061	Manufacture of grain mill products
1062	Manufacture of starches and starch products
1071	Manufacture of bakery products
1072	Manufacture of sugar
1073	Manufacture of cocoa, chocolate and sugar confectionery
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products
1075	Manufacture of prepared meals and dishes
1079	Manufacture of other food products n.e.c.
1080	Manufacture of prepared animal feeds
11	Manufacture of beverages
1101	Distilling, rectifying and blending of spirits
1102	Manufacture of wines
1103	Manufacture of malt liquors and malt
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

12	Manufacture of tobacco products
1200	Manufacture of tobacco products
13	صناعة المنسوجات
1311	Preparation and spinning of textile fibers
1312	Weaving of textiles
1313	Finishing of textiles
1391	Manufacture of knitted and crocheted fabrics
1392	Manufacture of made-up textile articles, except apparel
1393	Manufacture of carpets and rugs
1394	Manufacture of cordage, rope, twine and netting
1399	Manufacture of other textiles n.e.c
14	Manufacture of wearing apparel
1410	Manufacture of wearing apparel, except fur apparel
1420	Manufacture of articles of fur
1430	Manufacture of knitted and crocheted apparel
15	Manufacture of leather and related products
1511	Tanning and dressing of leather; dressing and dyeing of fur
1512	Manufacture of luggage, handbags and the like, saddlery and harness
1520	Manufacture of footwear
16	Manufacture of wood and wood products, except furniture

1610	Sawmilling and planning of wood
1621	Manufacture of veneer sheets and wood-based panels
1622	Manufacture of builders' carpentry and joinery
1623	Manufacture of wooden containers
1629	Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials
17	Manufacture of paper and paper products
1701	Manufacture of pulp, paper and paperboard
1702	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
1709	Manufacture of other articles of paper and paperboard
18	Printing and reproduction of recorded media
1811	Printing
1812	Service activities related to printing
1820	Reproduction of recorded media
19	Manufacture of coke and refined petroleum products
1910	Manufacture of coke oven products
1920	Manufacture of refined petroleum products
20	Manufacture of chemicals and chemical products
2011	Manufacture of basic chemicals

2012	Manufacture of fertilizers and nitrogen compounds
2013	Manufacture of plastics and synthetic rubber in primary forms
2021	Manufacture of pesticides and other agrochemical products
2022	Manufacture of paints, varnishes and similar coatings, printing ink and mastics
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations
2029	Manufacture of other chemical products n.e.c
2030	Manufacture of man-made fibers
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products
2100	Manufacture of pharmaceuticals, medicinal chemical and botanical products
22	Manufacture of rubber and plastics products
2211	Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres
2219	Manufacture of other rubber products
2220	Manufacture of plastics products
23	Manufacture of other non-metallic mineral products
2310	Manufacture of glass and glass products
2391	Manufacture of refractory products
2392	Manufacture of clay building materials
2393	Manufacture of other porcelain and ceramic products
2394	Manufacture of cement, lime and plaster

2395	Manufacture of articles of concrete, cement and plaster
2396	Cutting, shaping and finishing of stone
2399	Manufacture of other non-metallic mineral products n.e.c.
24	Manufacture of basic metals
2410	Manufacture of basic iron and steel
2420	Manufacture of basic precious and other non-ferrous metals
2431	Casting of iron and steel
2432	Casting of non-ferrous metals
25	Manufacture of fabricated metal products, except machinery and equipment
2511	Manufacture of structural metal products
2512	Manufacture of tanks, reservoirs and containers of metal
2513	Manufacture of steam generators, except central heating hot water boilers
2520	Manufacture of weapons and ammunition
2591	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
2592	Treatment and coating of metals; machining
2593	Manufacture of cutlery, hand tools and general hardware
2599	Manufacture of other fabricated metal products n.e.c
26	Manufacture of computer, electronic and optical products
2610	Manufacture of electronic components and boards
2620	Manufacture of computers and peripheral equipment

2630	Manufacture of communication equipment
2640	Manufacture of consumer electronics, television and radio receivers and recording devices
2651	Manufacture of measuring, testing, navigating and control equipment
2652	Manufacture of watches and clocks
2660	Manufacture of irradiation, electromedical and electrotherapeutic equipment
2670	Manufacture of optical instruments and photographic equipment
2680	Manufacture of magnetic and optical media
27	Manufacture of electrical equipment
2710	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
2720	Manufacture of batteries and accumulators
2731	Manufacture of fiber optic cables
2732	Manufacture of other electronic and electric wires and cables
2733	Manufacture of wiring devices
2740	Manufacture of electric lighting equipment
2750	Manufacture of domestic appliances
2790	Manufacture of other electrical equipment
28	Manufacture of machinery and equipment n.e.c.

2811	Manufacture of engines and turbines, except aircraft, vehicle and cycle engines
2812	Manufacture of fluid power equipment
2813	Manufacture of other pumps, compressors, taps and valves
2814	Manufacture of bearings, gears, gearing and driving elements
2815	Manufacture of ovens, furnaces and furnace burners
2816	Manufacture of lifting and handling equipment
2817	Manufacture of office machinery and equipment (except computers and peripheral equipment)
2818	Manufacture of power-driven hand tools
2819	Manufacture of other general-purpose machinery
2821	Manufacture of agricultural and forestry machinery
2822	Manufacture of metal-forming machinery and machine tool
2823	Manufacture of machinery for metallurgy
2824	Manufacture of machinery for mining, quarrying and construction
2825	Manufacture of machinery for food, beverage and tobacco processing
2826	Manufacture of machinery for textile, apparel and leather production
2829	Manufacture of other special-purpose machinery
29	Manufacture of motor vehicles, trailers and semi-trailers
2910	Manufacture of motor vehicles

2920	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
2930	Manufacture of parts and accessories for motor vehicles
30	Manufacture of other transport equipment
3011	Building of ships and floating structures
3012	Building of pleasure and sporting boats
3020	Manufacture of railway locomotives and rolling stock
3030	Manufacture of air and spacecraft and related machinery
3040	Manufacture of military fighting vehicles
3091	Manufacture of motorcycles
3092	Manufacture of bicycles and invalid carriages
3099	Manufacture of other transport equipment n.e.c
31	Manufacture of furniture
3100	Manufacture of furniture and wood products n.e.c.

Note:

Central governorates: Nainawa , Kirkuk , Salahaddin , Baghdad , Diyala , Anbar

Southern governorates: Babylon, Karbala, Wasit, Najaf, Qadisiyah, Musanna, Ziqar, Missan, Basra

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 4: Weights at the level of governorates in Kurdistan Region

Weights in Kurdistan Region			
Places	Production value (ID)	Weight within Kurdistan Regio	Weight within Iraq
Erbil	852,239,253	33.8	11.2
Sulaymaniyah	1,438,084,09	86.8	18.9
Duhok	230,208,317	13.9	3
Kurdistan Region	2,520,531,664	134.45	33.1

Table 5: Producer price index for Big industries establishments in Iraq and Kurdistan Region in 2022

Area	PPI
Erbil	100.1
Sulaymaniyah	101.9
Duhok	100.2
Kurdistan Region	101.1
Center	102.0
South	104.9
Iraq	102.9

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 6: First quarter, producer price index for Big industries establishments in Iraq and Kurdistan Region for 2022

Area	First quarter 2022	Fourth quarter 2021	Change percentage rate
Erbil	105.2	100	5.2
Sulaymaniyah	101.5	100	1.5
Duhok	106.2	100	6.2
Kurdistan Region	103.2	100	3.2
Center	102.2	100	2.2
South	116.1	100	16.1
Iraq	108.8	100	8.8

Table 7: Second quarter, producer price index for Big industries establishments in Iraq and Kurdistan Region for 2022

Area	Second quarter 2022	First quarter 2022	% Change rate
Erbil	100.9	105.2	-4.1
Sulaymaniyah	103.2	101.5	1.7
Duhok	97.3	106.2	-8.4
Kurdistan Region	101.9	103.2	-1.3
Center	105.8	102.2	3.5
South	107.1	116.1	-7.8
Iraq	104.1	108.8	-4.3

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 8: Third quarter, producer price index for Big industries establishments in Iraq and Kurdistan Region for 2022

Area	Third quarter 2022	Second quarter 2022	% Change rate
Erbil	99.9	100.9	-1.0
Sulaymaniyah	100.0	103.2	-3.1
Duhok	100.0	97.3	2.8
Kurdistan Region	100.0	101.9	-1.9
Center	102.2	105.8	-3.4
South	102.1	107.1	-4.7
Iraq	101.2	104.1	-2.8

Table 9: Producer price index for Big industries establishments in Iraq and Kurdistan Region for the fourth quarter of 2022

Area	Fourth quarter 2022	Third quarter 2022	% Change rate
Erbil	94.6	99.9	-5.3
Sulaymaniyah	102.7	100.0	2.7
Duhok	97.5	100.0	-2.5
Kurdistan Region	99.5	100.0	-0.5
Center	97.8	102.2	-4.3
South	95.2	102.1	-6.8
Iraq	97.7	101.2	-3.5

Division 10: Manufacture of food products

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 10: First quarter, producer price index of food products in Iraq and Kurdistan Region 2022

Area	First quarter 2022	Fourth quarter 2021	% Change rate
Erbil	104.7	100	4.7
Sulaymaniyah	101.7	100	1.7
Duhok	109.7	100	9.7
Kurdistan Region	105.4	100	5.4
Center	112.1	100	12.1
South	108.0	100	8.0
Iraq	108.9	100	8.9

Table 11: Second quarter, producer price index of food products in Iraq and Kurdistan Region 2022

Area	Second quarter 2022	First season 2022	% Change rate
Erbil	103.4	104.7	-1.2
Sulaymaniyah	101.0	101.7	-0.7
Duhok	96.7	109.7	-11.9
Kurdistan Region	100.4	105.4	-4.7
Center	108.9	112.1	-2.9
South	105.6	108.0	-2.2
Iraq	105.8	108.9	-2.8

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 12: Third quarter, producer price index of food products in Iraq and Kurdistan Region 2022

Area	Third quarter 2022	Second quarter 2022	% Change rate
Erbil	100.0	103.4	-3.3
Sulaymaniyah	100.0	101.0	-1.0
Duhok	100.0	96.7	3.4
Kurdistan Region	100.0	100.4	-0.4
Center	100.4	108.9	-7.8
South	105.9	105.6	0.3
Iraq	103.1	105.8	-2.6

Table 13 : Fourth quarter, producer price index of food products in Iraq and Kurdistan Region 2022

Area	Fourth quarter 2022	Third quarter 2022	% Change rate
Erbil	99.6	100.0	-0.4
Sulaymaniyah	103.3	100.0	3.3
Duhok	96.8	100.0	-3.2
Kurdistan Region	99.9	100.0	-0.1
Center	99.7	100.4	-0.7
South	98.7	105.9	-6.8
Iraq	99.2	103.1	-3.8

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 14: Annual producer price index of food products in Iraq and Kurdistan Region 2022

Area	Fourth quarter 2022
Erbil	101.9
Sulaymaniyah	101.5
Duhok	100.7
Kurdistan Region	101.4
Center	105.1
South	104.5
Iraq	104.2

Division 11:Manufacture of beverages

Table 15: First quarter, producer price index of beverages in Iraq and Kurdistan Region 2022

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Area	First quarter 2022	Fourth quarter 2021	% Change rate
Erbil	125.3	100.0	25.3
Sulaymaniyah	100.0	100.0	0.0
Duhok	100.4	100.0	0.4
Kurdistan Region	108.6	100.0	8.6
Center	107.6	100.0	7.6
South	102.3	100.0	2.3
Iraq	105.8	100.0	5.8

Table 16: Second quarter, producer price index of beverages in Iraq and Kurdistan Region 2022

Area	Second quarter 2022	First quarter 2022	% Change rate
Erbil	88.2	125.3	-29.6
Sulaymaniyah	101.1	100.0	1.1
Duhok	103.0	100.4	2.6
Kurdistan Region	97.4	108.6	-10.3
Center	102.3	107.6	-4.9
South	102.7	102.3	0.4
Iraq	90.7	105.8	-14.3

Table 17: Third quarter, producer price index of beverages in Iraq and Kurdistan Region 2022

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Area	Second quarter 2022	Third quarter 2022	% Change rate
Erbil	100.0	88.2	13.4
Sulaymaniyah	100.0	101.1	-1.1
Duhok	100.0	103.0	-2.9
Kurdistan Region	100.0	97.4	2.7
Center	99.7	102.3	-2.5
South	99.3	102.7	-3.3
Iraq	89.8	90.7	-1.0

Table 18: Fourth quarter, producer price index of beverages in Iraq and Kurdistan Region 2022

Area	Fourth quarter 2022	Third quarter 2022	% Change rate
Erbil	102.3	100.0	2.3
Sulaymaniyah	98.7	100.0	-1.3
Duhok	100.0	100.0	0.0
Kurdistan Region	100.3	100.0	0.3
Center	98.2	99.7	-1.5
South	104.3	99.3	5.0
Iraq	91.9	89.4	2.3

Table 19: Annual producer price index of beverages in Iraq and Kurdistan Region 2022

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Area	Fourth quarter 2022
Erbil	103.1
Sulaymaniyah	100.0
Duhok	100.8
Kurdistan Region	101.5
Center	101.9
South	102.1
Iraq	94.3

Division 12: Manufacture of tobacco products

Table 20: First quarter, producer price index of tobacco in Iraq and Kurdistan Region 2022

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Area	First quarter 2022	Fourth quarter 2021	% Change rate
Erbil	-	-	-
Sulaymaniyah	100.0	100.0	0.0
Duhok	-	-	-
Kurdistan Region	100.0	100.0	0.0
Center	-	-	-
South	-	-	-
Iraq	100.0	100.0	0.0

Table 21: Second quarter, producer price index of tobacco in Iraq and Kurdistan Region 2022

Area	Second quarter 2022	First quarter 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	100.0	100.0	0.0
Duhok	-	-	-
Kurdistan Region	100.0	100.0	0.0
Center	-	-	-
South	-	-	-
Iraq	100.0	100.0	0.0

Table 22: Third quarter, producer price index of tobacco in Iraq and Kurdistan Region 2022

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Area	Third quarter 2022	Second quarter 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	100.0	100.0	0
Duhok	-	-	-
Kurdistan Region	100.0	100.0	0
Center	-	-	-
South	-	-	-
Iraq	100.0	100.0	0.0

Table 23: Fourth quarter, producer price index of tobacco in Iraq and Kurdistan Region 2022

Area	Fourth quarter 2022	Third quarter 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	108.1	100.0	8.1
Duhok	-	-	-
Kurdistan Region	108.1	100.0	8.1
Center	-	-	-
South	-	-	-
Iraq	108.1	100.0	8.1

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 24: Annual producer price index of tobacco in Iraq and Kurdistan Region 2022

Area	Fourth quarter 2022
Erbil	-
Sulaymaniyah	102.0
Duhok	-
Kurdistan Region	102.0
Center	-
South	-
Iraq	102.0

Division 13: Manufacture of textiles

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 25: First quarter, producer price index of textiles in Iraq and Kurdistan Region 2022

Area	First season 2022	Fourth quarter 2021	% Change rate
Erbil	100.6	100.0	0.6
Sulaymaniyah	107.4	100.0	7.4
Duhok	-	-	-
Kurdistan Region	104.0	100.0	4.0
Center	100.0	100.0	0.0
South	-	-	-
Iraq	102.0	100.0	2.0

Table 26: Second quarter, producer price index of textiles in Iraq and Kurdistan Region 2022

Area	Second quarter 2022	First season 2022	% Change rate
Erbil	106.1	100.6	5.5
Sulaymaniyah	89.3	107.4	-16.9
Duhok	-	-	-
Kurdistan Region	97.7	104.0	-6.1
Center	100.0	100.0	0.0
South	-	-	-
Iraq	98.8	102.0	-3.1

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 27: Third quarter, producer price index of textiles in Iraq and Kurdistan Region 2022

Area	Third quarter 2022	Second quarter 2022	% Change rate
Erbil	100.0	106.1	-5.7
Sulaymaniyah	100.0	89.3	12.0
Duhok	-	-	-
Kurdistan Region	100.0	97.7	2.4
Center	100.0	100.0	0.0
South	-	-	-
Iraq	100.0	98.8	1.2

Table 28: Fourth quarter, producer price index of textiles in Iraq and Kurdistan Region 2022

Area	Fourth quarter 2022	Third quarter 2022	% Change rate
Erbil	95.9	100.0	-4.1
Sulaymaniyah	98.5	100.0	-1.5
Duhok	-	-	-
Kurdistan Region	97.2	100.0	-2.8
Center	101.0	100.0	1.0
South	-	-	-
Iraq	99.1	100.0	-0.9

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 29: Annual producer price index of textiles in Iraq and Kurdistan Region 2022

Area	Year 2022
Erbil	100.6
Sulaymaniyah	98.6
Duhok	-
Kurdistan Region	99.7
Center	100.2
South	-
Iraq	100.0

Division 14:Manufacture of wearing apparel

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 30: First quarter, producer price index of wearing apparel in Iraq and Kurdistan Region 2022

Area	First season 2022	Fourth quarter 2021	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	114.1	100	14.1
South	-	-	-
Iraq	114.1	100.0	14.1

Table 31: Second quarter, producer price index of wearing apparel in Iraq and Kurdistan Region 2022

Area	Second quarter 2022	First season 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	101.2	114.1	-11.3
South	-	-	-
Iraq	101.2	114.1	-11.3

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 32: Third quarter, producer price index of wearing apparel in Iraq and Kurdistan Region 2022

Area	Third quarter 2022	Second quarter 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	125.0	101.2	23.5
South	-	-	-
Iraq	125.0	101.2	23.5

Table 33: Fourth quarter, producer price index of wearing apparel in Iraq and Kurdistan Region 2022

Area	Fourth quarter 2022	Third quarter 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	83.4	110.0	-24.2
South	-	-	-
Iraq	83.4	110.0	-24.2

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 34: Annual producer price index of wearing apparel in Iraq and Kurdistan Region 2022

Area	Year 2022
Erbil	-
Sulaymaniyah	-
Duhok	-
Kurdistan Region	-
Center	104.7
South	-
Iraq	104.7

Division 15: Manufacture of leather

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 35: First quarter, producer price index of leather in Iraq and Kurdistan Region 2022

Area	First season 2022	Fourth quarter 2021	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	109.1	100	9.1
South	-	-	-
Iraq	109.1	100	9.1

Table 36: Second quarter, producer price index of leather in Iraq and Kurdistan Region 2022

Area	Second quarter 2022	First season 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	97.3	109.1	-10.8
South	-	-	-
Iraq	97.3	109.1	-10.8

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 37: Third quarter, producer price index of leather in Iraq and Kurdistan Region 2022

Area	Third quarter 2022	Second quarter 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	90.0	97.3	-7.5
South	-	-	-
Iraq	90.0	97.3	-7.5

Table 38: Fourth quarter, producer price index of leather in Iraq and Kurdistan Region 2022

Area	Fourth quarter 2022	Third quarter 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	114.2	90.0	26.9
South	-	-	-
Iraq	114.2	90.0	26.9

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 39: Annual producer price index of leather in Iraq and Kurdistan Region 2022

Area	Year 2022
Erbil	-
Sulaymaniyah	-
Duhok	-
Kurdistan Region	-
Center	102.2
South	-
Iraq	102.2

Division 16: Manufacture of wood and of products of wood and cork, except furniture

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 40: First quarter, producer price index of wood, products of wood and cork, except furniture in Iraq and Kurdistan Region 2022

Area	First season 2022	Fourth quarter 2021	% Change rate
Erbil	100.0	100.0	0.0
Sulaymaniyah	105.3	100.0	5.4
Duhok	-	-	-
Kurdistan Region	102.7	100.0	2.7
Center	100.0	100.0	0.0
South	-	-	-
Iraq	101.8	100.0	1.8

Table 41: Second quarter, producer price index of wood, wood products and cork, except furniture in Iraq and Kurdistan Region 2022

Area	Second quarter 2022	First season 2022	% Change rate
Erbil	100.3	100.0	0.3
Sulaymaniyah	100.0	105.4	-5.1
Duhok	-	-	-
Kurdistan Region	100.2	102.7	-2.4
Center	100.1	100.0	0.1
South	-	-	-
Iraq	100.1	101.8	-1.7

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 42: Third quarter, producer price index of wood, wood products and cork, except furniture in Iraq and Kurdistan Region 2022

Area	Third quarter 2022	Second quarter 2022	% Change rate
Erbil	100.0	100.3	-0.3
Sulaymaniyah	100.0	100.0	0.0
Duhok	-	-	-
Kurdistan Region	100.0	100.2	-0.2
Center	100.0	100.1	-0.1
South	-	-	-
Iraq	100.0	100.1	-0.1

Table 43: Fourth quarter, producer price index of wood, wood products and cork, except furniture in Iraq and Kurdistan Region 2022

Area	Fourth quarter 2022	Third quarter 2022	% Change rate
Erbil	99.3	100.0	-0.7
Sulaymaniyah	108.1	100.0	8.1
Duhok	-	-	-
Kurdistan Region	103.7	100.0	3.7
Center	100.0	100.0	0.0
South	-	-	-
Iraq	102.5	100.0	2.5

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 44 : Annual producer price index of wood, wood products and cork, except furniture in Iraq and Kurdistan Region 2022

Area	Year 2022
Erbil	99.9
Sulaymaniyah	103.3
Duhok	-
Kurdistan Region	101.6
Center	100.0
South	-
Iraq	101.1

Division 17: Manufacture of paper and paper products

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 45: First quarter, producer price index of paper and paper products in Iraq and Kurdistan Region 2022

Area	First season 2022	Fourth quarter 2021	% Change rate
Erbil	104.8	100.0	4.8
Sulaymaniyah	102.3	100.0	2.3
Duhok	-	-	-
Kurdistan Region	103.5	100.0	3.5
Center	100.0	100.0	0.0
South	-	-	-
Iraq	102.4	100.0	2.4

Table 46 : Second quarter, producer price index of paper and paper products in Iraq and Kurdistan Region 2022

Area	Second quarter 2022	First season 2022	% Change rate
Erbil	102.9	104.8	-1.8
Sulaymaniyah	119.4	102.3	16.8
Duhok	-	-	-
Kurdistan Region	111.1	103.5	7.3
Center	100.0	100.0	0.0
South	-	-	-
Iraq	107.4	102.4	4.9

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 47 : Third quarter, producer price index of paper and paper products in Iraq and Kurdistan Region 2022

Area	Third quarter 2022	Second quarter 2022	% Change rate
Erbil	100.0	102.9	-2.8
Sulaymaniyah	100.0	119.4	-16.3
Duhok	-	-	-
Kurdistan Region	0.0	111.1	-10.0
Center	124.6	100.0	24.6
South	-	-	-
Iraq	108.2	107.4	0.7

Table 48 : Fourth quarter, producer price index of paper and paper products in Iraq and Kurdistan Region 2022

Area	Fourth quarter 2022	Third quarter 2022	% Change rate
Erbil	95.6	100.0	-4.4
Sulaymaniyah	90.6	100.0	-9.4
Duhok	-	-	-
Kurdistan Region	93.1	100.0	-6.9
Center	100.0	124.6	-19.7
South	-	-	-
Iraq	95.4	108.2	-11.8

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 49: Annual producer price index of paper and paper products in Iraq and Kurdistan Region 2022

Area	Year 2022
Erbil	100.8
Sulaymaniyah	102.6
Duhok	-
Kurdistan Region	101.7
Center	105.7
South	-
Iraq	103.2

Division 18: Printing and reproduction of recorded media

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 50 : First quarter, producer price index of Printing and reproduction of recorded media in Iraq and Kurdistan Region 2022

Area	First season 2022	Fourth quarter 2021	% Change rate
Erbil	100.0	100.0	0.0
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	100.0	100.0	0.0
Center	102.4	100.0	2.4
South	100.0	100.0	0.0
Iraq	101.2	100.0	1.2

Table 51 : Second quarter, producer price index of Printing and reproduction of recorded media in Iraq and Kurdistan Region 2022

Area	Second quarter 2022	First season 2022	% Change rate
Erbil	106.7	100.0	6.7
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	106.7	100.0	6.7
Center	100.9	102.4	-1.5
South	100.0	100.0	0.0
Iraq	102.1	101.2	0.9

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 52 : Third quarter, producer price index of Printing and reproduction of recorded media in Iraq and Kurdistan Region 2022

Area	Third quarter 2022	Second quarter 2022	% Change rate
Erbil	100.0	106.7	-6.3
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	100.0	106.7	-6.3
Center	100.6	100.9	-0.3
South	100.0	100.0	0.0
Iraq	100.3	102.1	-1.8

Table 53 : Fourth quarter, producer price index of Printing and reproduction of recorded media in Iraq and Kurdistan Region 2022

Area	Fourth quarter 2022	Third quarter 2022	% Change rate
Erbil	97.8	100.0	-2.2
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	97.8	100.0	-2.2
Center	100.2	100.6	-0.4
South	100.0	100.0	0.0
Iraq	99.6	100.3	-0.7

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 54 : Annual producer price index of Printing and reproduction of recorded media in Iraq and Kurdistan Region 2022

Area	Year 2022
Erbil	101.1
Sulaymaniyah	-
Duhok	-
Kurdistan Region	101.1
Center	101.0
South	100.0
Iraq	100.8

Division 19: Manufacture of coke and refined petroleum products

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 55 : First quarter, producer price index of coke and refined petroleum products in Iraq and Kurdistan Region 2022

Area	First season 2022	Fourth quarter 2021	% Change rate
Erbil	-	-	-
Sulaymaniyah	89.1	100	-10.9
Duhok	-	-	-
Kurdistan Region	89.1	100	-10.9
Center	107.7	100	7.7
South	121.5	100	21.5
Iraq	112.3	100	12.3

Table 56 : Second quarter, producer price index of coke and refined petroleum products in Iraq and Kurdistan Region 2022

Area	Second quarter 2022	First season 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	115.4	89.1	29.5
Duhok	-	-	-
Kurdistan Region	115.4	89.1	29.5
Center	101.6	107.7	-5.7
South	102.6	121.5	-15.6
Iraq	103.8	112.3	-7.6

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 57 : Third quarter, producer price index of coke and refined petroleum products in Iraq and Kurdistan Region 2022

Area	Third quarter 2022	Second quarter 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	100.0	115.4	-13.3
Duhok	-	-	-
Kurdistan Region	100.0	115.4	-13.3
Center	100.6	101.6	-1.0
South	100.1	102.6	-2.4
Iraq	100.3	103.8	-3.4

Table 58 : Fourth quarter, producer price index of coke and refined petroleum products in Iraq and Kurdistan Region 2022

Area	Fourth quarter 2022	Third quarter 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	121.5	100.0	21.5
Duhok	-	-	-
Kurdistan Region	121.5	100.0	21.5
Center	101.2	100.6	0.6
South	99.9	100.1	-0.2
Iraq	103.1	100.3	2.8

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 59 : Annual producer price index of coke and refined petroleum products in Iraq and Kurdistan Region 2022

Area	Year 2022
Erbil	-
Sulaymaniyah	105.7
Duhok	-
Kurdistan Region	105.7
Center	102.7
South	105.7
Iraq	104.8

Division 20: Manufacture of chemicals and chemical products

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 60 : First quarter, producer price index of chemicals and chemical products in Iraq and Kurdistan Region 2022

Area	First season 2022	Fourth quarter 2021	% Change rate
Erbil	100.0	100.0	0.0
Sulaymaniyah	116.1	100.0	16.1
Duhok	-	-	-
Kurdistan Region	108.0	100.0	8.0
Center	99.8	100.0	-0.2
South	96.6	100.0	-3.4
Iraq	100.2	100.0	0.2

Table 61 : Second quarter, producer price index of chemicals and chemical products in Iraq and Kurdistan Region 2022

Area	Second quarter 2022	First season 2022	% Change rate
Erbil	100.0	100.0	0.0
Sulaymaniyah	100.0	116.1	-13.9
Duhok	-	-	-
Kurdistan Region	100.0	108.0	-7.4
Center	99.5	99.8	-0.3
South	108.3	96.6	12.1
Iraq	103.5	100.2	3.3

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 62 : Third quarter, producer price index of chemicals and chemical products in Iraq and Kurdistan Region 2022

Area	Third quarter 2022	Second quarter 2022	% Change rate
Erbil	100.0	100.0	0.0
Sulaymaniyah	100.0	100.0	0.0
Duhok	-	-	-
Kurdistan Region	100.0	100.0	0.0
Center	101.5	99.5	2.0
South	102.9	108.3	-5.0
Iraq	101.8	103.5	-1.6

Table 63 : Fourth quarter, producer price index of chemicals and chemical products in Iraq and Kurdistan Region 2022

Area	Fourth quarter 2022	Third quarter 2022	% Change rate
Erbil	100.0	100.0	0.0
Sulaymaniyah	108.1	100.0	8.1
Duhok	-	-	-
Kurdistan Region	104.1	100.0	4.1
Center	100.2	101.5	-1.3
South	101.6	102.9	-1.3
Iraq	101.7	101.8	-0.1

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 64 : Annual producer price index of chemicals and chemical products in Iraq and Kurdistan Region 2022

Area	Year 2022
Erbil	100.0
Sulaymaniyah	105.8
Duhok	-
Kurdistan Region	102.9
Center	100.2
South	102.3
Iraq	101.8

Division 21: Manufacture of pharmaceuticals, medicinal chemical and botanical products

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 65 : First quarter, producer price index of pharmaceuticals, medicinal chemical and botanical products in Iraq and Kurdistan Region 2022

Area	First season 2022	Fourth quarter 2021	% Change rate
Erbil	89.2	100.0	-10.9
Sulaymaniyah	101.8	100.0	1.8
Duhok	-	-	-
Kurdistan Region	95.5	100.0	-4.5
Center	100.2	100.0	0.2
South	-	-	-
Iraq	97.8	100.0	-2.2

Table 66 : Second quarter, producer price index of pharmaceuticals, medicinal chemical and botanical products in Iraq and Kurdistan Region 2022

Area	Second quarter 2022	First season 2022	% Change rate
Erbil	110.8	89.2	24.3
Sulaymaniyah	100.0	101.8	-1.8
Duhok	-	-	-
Kurdistan Region	105.4	95.5	10.4
Center	100.5	100.2	0.3
South	-	-	-
Iraq	102.9	97.8	5.2

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 67 : Third quarter, producer price index of pharmaceuticals, medicinal chemical and botanical products in Iraq and Kurdistan Region 2022

Area	Third quarter 2022	Second quarter 2022	% Change rate
Erbil	100.0	110.8	-9.7
Sulaymaniyah	100.0	100.0	0.0
Duhok	-	-	-
Kurdistan Region	100.0	105.4	-5.1
Center	99.3	100.5	-1.2
South	-	-	-
Iraq	99.6	102.9	-3.2

Table 68 : Fourth quarter, producer price index of pharmaceuticals, medicinal chemical and botanical products in Iraq and Kurdistan Region 2022

Area	Fourth quarter 2022	Third quarter 2022	% Change rate
Erbil	107.2	100.0	7.2
Sulaymaniyah	110.0	100.0	10.0
Duhok	-	-	-
Kurdistan Region	108.6	100.0	8.6
Center	97.3	99.3	-2.0
South	-	-	-
Iraq	102.9	99.6	3.3

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 69 : Annual producer price index of pharmaceuticals, medicinal chemical and botanical products in Iraq and Kurdistan Region 2022

Area	Year 2022
Erbil	101.4
Sulaymaniyah	102.9
Duhok	-
Kurdistan Region	102.3
Center	100.2
South	-
Iraq	100.8

Division 22: Manufacture of rubber and plastics products

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 70 : First quarter, producer price index of rubber and plastics products in Iraq and Kurdistan Region 2022

Area	First season 2022	Fourth quarter 2021	% Change rate
Erbil	-	-	-
Sulaymaniyah	99.9	100.0	-0.1
Duhok	105.0	100.0	5.0
Kurdistan Region	102.4	100.0	2.4
Center	98.8	100.0	-1.2
South	100.5	100.0	0.5
Iraq	100.3	100.0	0.3

Table 71 : Second quarter, producer price index of rubber and plastics products in Iraq and Kurdistan Region 2022

Area	Second quarter 2022	First season 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	107.3	99.9	7.4
Duhok	102.1	105.0	-2.8
Kurdistan Region	104.7	102.4	2.2
Center	101.1	98.8	2.3
South	100.6	100.5	0.1
Iraq	101.8	100.3	1.5

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 72 : Third quarter, producer price index of rubber and plastics products in Iraq and Kurdistan Region 2022

Area	Third quarter 2022	Second quarter 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	100	107.3	-6.8
Duhok	100	102.1	-2.0
Kurdistan Region	100	104.7	-4.5
Center	99.4	101.1	-1.7
South	100.1	100.6	-0.5
Iraq	99.8	101.8	-2.0

Table 73 : Fourth quarter, producer price index of rubber and plastics products in Iraq and Kurdistan Region 2022

Area	Fourth quarter 2022	Third quarter 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	96.8	100.0	-3.2
Duhok	94.4	100.0	-5.6
Kurdistan Region	95.6	100.0	-4.4
Center	96.6	99.4	-2.8
South	100.0	100.1	-0.1
Iraq	97.6	99.8	-2.2

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 74 : Annual producer price index of rubber and plastics products in Iraq and Kurdistan Region 2022

Area	Year 2022
Erbil	-
Sulaymaniyah	100.9
Duhok	100.3
Kurdistan Region	100.6
Center	99.0
South	100.3
Iraq	99.9

Division 23: Manufacture of other non-metallic mineral products

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 75 : First quarter, producer price index of other non-metallic mineral products in Iraq and Kurdistan Region 2022

Area	First season 2022	Fourth quarter 2021	% Change rate
Erbil	99.8	100.0	-0.2
Sulaymaniyah	101.2	100.0	1.2
Duhok	101.3	100.0	1.3
Kurdistan Region	100.8	100.0	0.8
Center	103.1	100.0	3.1
South	102.5	100.0	2.6
Iraq	102.4	100.0	2.4

Table 76 : Second quarter, producer price index of other non-metallic mineral products in Iraq and Kurdistan Region 2022

Area	Second quarter 2022	First season 2022	% Change rate
Erbil	100.2	99.8	0.4
Sulaymaniyah	100.5	101.2	-0.7
Duhok	102.8	101.3	1.5
Kurdistan Region	101.2	100.8	0.4
Center	111.9	103.1	8.5
South	104.5	102.5	1.9
Iraq	106.1	102.4	3.6

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 77 : Third quarter, producer price index of other non-metallic mineral products in Iraq and Kurdistan Region 2022

Area	Third quarter 2022	Second quarter 2022	% Change rate
Erbil	100.0	100.2	-0.2
Sulaymaniyah	100.0	100.5	-0.5
Duhok	100.0	102.8	-2.7
Kurdistan Region	100.0	101.2	-1.2
Center	102.0	111.9	-8.9
South	101.7	104.5	-2.7
Iraq	101.5	106.1	-4.3

Table 78 : Fourth quarter, producer price index of other non-metallic mineral products in Iraq and Kurdistan Region 2022

Area	Fourth quarter 2022	Third quarter 2022	% Change rate
Erbil	87.2	100.0	-12.8
Sulaymaniyah	103.3	100.0	3.3
Duhok	104.2	100.0	4.2
Kurdistan Region	98.2	100.0	-1.8
Center	99.6	102.0	-2.4
South	96.6	101.7	-5.0
Iraq	97.8	101.5	-3.6

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 79 : Annual producer price index of other non-metallic mineral products in Iraq and Kurdistan Region 2022

Area	Year 2022
Erbil	96.6
Sulaymaniyah	101.2
Duhok	102.1
Kurdistan Region	100.0
Center	104.0
South	101.3
Iraq	101.9

Division 24: Manufacture of basic metals

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 80 : First quarter, producer price index of basic metals in Iraq and Kurdistan Region 2022

Area	First season 2022	Fourth quarter 2021	% Change rate
Erbil	99.0	100.0	-1.0
Sulaymaniyah	102.2	100.0	2.2
Duhok	100.4	100.0	0.4
Kurdistan Region	100.5	100.0	0.5
Center	99.8	100.0	-0.2
South	105.1	100.0	5.1
Iraq	101.6	100.0	1.6

Table 81 : Second quarter, producer price index of basic metals in Iraq and Kurdistan Region 2022

Area	Second quarter 2022	First season 2022	% Change rate
Erbil	103.6	99.0	4.6
Sulaymaniyah	107.6	102.2	5.3
Duhok	92.5	100.4	-7.9
Kurdistan Region	101.2	100.5	0.7
Center	94.1	99.8	-5.7
South	105.8	105.1	0.7
Iraq	100.5	101.6	-1.1

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 82 : Third quarter, producer price index of basic metals in Iraq and Kurdistan Region 2022

Area	Third quarter 2022	Second quarter 2022	% Change rate
Erbil	100.0	103.6	-3.5
Sulaymaniyah	100.0	107.6	-7.1
Duhok	100.0	92.5	8.1
Kurdistan Region	100.0	101.2	-1.2
Center	91.8	94.1	-2.4
South	99.8	105.8	-5.7
Iraq	97.6	100.5	-2.9

Table 83 : Fourth quarter, producer price index of basic metals in Iraq and Kurdistan Region 2022

Area	Fourth quarter 2022	Third quarter 2022	% Change rate
Erbil	85.1	100.0	-14.9
Sulaymaniyah	101.5	100.0	1.5
Duhok	101.8	100.0	1.8
Kurdistan Region	96.1	100.0	-3.9
Center	101.4	91.8	10.5
South	97.3	99.8	-2.5
Iraq	98.0	97.6	0.4

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 84 : Annual producer price index of basic metals in Iraq and Kurdistan Region 2022

Area	Year 2022
Erbil	96.7
Sulaymaniyah	102.8
Duhok	98.6
Kurdistan Region	99.4
Center	96.7
South	101.9
Iraq	99.4

Division 25: Manufacture of fabricated metal products, except machinery and equipment

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 85 : First quarter, producer price index of fabricated metal products, except machinery and equipment in Iraq and Kurdistan Region 2022

Area	First season 2022	Fourth quarter 2021	% Change rate
Erbil	103.0	100.0	3.0
Sulaymaniyah	116.2	100.0	16.2
Duhok	-	-	-
Kurdistan Region	109.6	100.0	9.6
Center	100.0	100.0	0.0
South	100.0	100.0	0.0
Iraq	103.2	100.0	3.2

Table 86 : Second quarter, producer price index of fabricated metal products, except machinery and equipment in Iraq and Kurdistan Region 2022

Area	Second quarter 2022	First season 2022	% Change rate
Erbil	112.3	103.0	9.1
Sulaymaniyah	101.5	116.2	-12.7
Duhok	-	-	-
Kurdistan Region	106.9	109.6	-2.5
Center	100.0	100.0	0.0
South	100.0	100.0	0.0
Iraq	102.3	103.2	-0.9

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 87 : Third quarter, producer price index of fabricated metal products, except machinery and equipment in Iraq and Kurdistan Region 2022

	Third quarter 2022	Second quarter 2022	% Change rate
Erbil	100.0	112.3	-11.0
Sulaymaniyah	100.0	101.5	-1.5
Duhok	-	-	-
Kurdistan Region	100.0	106.9	-6.5
Center	100.0	100.0	0.0
South	104.1	100.0	4.1
Iraq	100.7	102.3	-1.6

Table 88 : Fourth quarter, producer price index of fabricated metal products, except machinery and equipment in Iraq and Kurdistan Region 2022

Area	Fourth quarter 2022	Third quarter 2022	% Change rate
Erbil	106.9	100.0	6.9
Sulaymaniyah	97.6	100.0	-2.4
Duhok	-	-	-
Kurdistan Region	102.2	100.0	2.2
Center	98.5	100.0	-1.5
South	100.0	104.1	-3.9
Iraq	100.0	100.7	-0.7

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 89 : Annual producer price index of fabricated metal products, except machinery and equipment in Iraq and Kurdistan Region 2022

Area	Year 2022
Erbil	105.4
Sulaymaniyah	103.6
Duhok	-
Kurdistan Region	104.6
Center	99.6
South	101.0
Iraq	101.5

Division 26: Manufacture of computer, electronic and optical products

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 90 : First quarter, producer price index of computer, electronic and optical products in Iraq and Kurdistan Region 2022

Area	First season 2022	Fourth quarter 2021	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	100.0	100.0	0.0
South	-	-	-
Iraq	100.0	100.0	0.0

Table 91 : Second quarter, producer price index of computer, electronic and optical products in Iraq and Kurdistan Region 2022

Area	Second quarter 2022	First season 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	100.0	100.0	0.0
South	-	-	-
Iraq	100.0	100.0	0.0

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 92 : Third quarter, producer price index of computer, electronic and optical products in Iraq and Kurdistan Region 2022

Area	Third quarter 2022	Second quarter 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	100.0	100.0	0.0
South	-	-	-
Iraq	100.0	100.0	0.0

Table 93 : Fourth quarter, producer price index of computer, electronic and optical products in Iraq and Kurdistan Region 2022

Area	Fourth quarters 2022	Third quarter 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	100.0	100.0	0.0
South	-	-	-
Iraq	100.0	100.0	0.0

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 94 : Annual producer price index of computer, electronic and optical products in Iraq and Kurdistan Region 2022

Area	Year 2022
Erbil	-
Sulaymaniyah	-
Duhok	-
Kurdistan Region	-
Center	100.0
South	-
Iraq	100.0

Division 27: Manufacture of electrical equipment

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 95 : First quarter, producer price index of electrical equipment in Iraq and Kurdistan Region 2022

Area	First season 2022	Fourth quarter 2021	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	100.0	100.0	0.0
South	114.1	100.0	14.1
Iraq	105.6	100.0	5.6

Table 96 : Second quarter, producer price index of electrical equipment in Iraq and Kurdistan Region 2022

Area	Second quarter 2022	First season 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	104.1	100	4.1
South	103.4	114.1	-9.4
Iraq	103.8	105.6	-1.7

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 97 : Third quarter, producer price index of electrical equipment in Iraq and Kurdistan Region 2022

Area	Third quarter 2022	Second quarter 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	102.5	104.1	-1.5
South	100.9	103.4	-2.4
Iraq	101.8	103.8	-1.8

Table 98 : Fourth quarter, producer price index of electrical equipment in Iraq and Kurdistan Region 2022

Area	Fourth quarter 2022	Third quarter 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	100.0	102.5	-2.4
South	101.1	100.9	0.2
Iraq	100.4	101.8	-1.4

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 99 : Annual producer price index of electrical equipment in Iraq and Kurdistan Region 2022

Area	Year 2022
Erbil	-
Sulaymaniyah	-
Duhok	-
Kurdistan Region	-
Center	101.6
South	104.7
Iraq	102.9

Division 28: Manufacture of machinery and equipment n.e.c.

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 100 : First quarter, producer price index of manufacture of machinery and equipment n.e.c. for 2022

Area	First season 2022	Fourth quarter 2021	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	99.5	100.0	-0.5
South	-	-	-
Iraq	99.5	100.0	-0.5

Table 101 : Second quarter, producer price index of manufacture of machinery and equipment n.e.c. for 2022

Area	Second quarter 2022	First season 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	100.0	99.5	0.5
South	-	-	-
Iraq	100.0	99.5	0.5

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 102 : Third quarter, producer price index of manufacture of machinery and equipment n.e.c. for 2022

Area	Third quarter 2022	Second quarter 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	100.0	100.0	0.5
South	-	-	-
Iraq	100.5	100.0	0.5

Table 103 : Fourth quarter, producer price index of manufacture of machinery and equipment n.e.c. for 2022

Area	Fourth quarter 2022	Third quarter 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	100.0	100.0	-0.5
South	-	-	-
Iraq	100.0	100.5	-0.5

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 104 : Annual producer price index of manufacture of machinery and equipment n.e.c. for 2022

Area	Year 2022
Erbil	-
Sulaymaniyah	-
Duhok	-
Kurdistan Region	-
Center	100.0
South	-
Iraq	100.0

Division 29: Manufacture of motor vehicles, trailers and semi-trailers

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 105 : First quarter, producer price index of manufacture of motor vehicles, trailers and semi-trailers in Iraq and Kurdistan Region for 2022

Area	First season 2022	Fourth quarter 2021	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	100.0	100.0	0.0
South	92.1	100.0	-7.9
Iraq	94.7	100.0	-5.3

Table 106 : Second quarter, producer price index of manufacture of motor vehicles, trailers and semi-trailers in Iraq and Kurdistan Region for 2022

Area	Second quarter 2022	First season 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	100.0	100.0	0.0
South	102.1	92.1	10.9
Iraq	101.4	94.7	7.1

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 107 : Third quarter, producer price index of manufacture of motor vehicles, trailers and semi-trailers in Iraq and Kurdistan Region for 2022

Area	Third quarter 2022	Second quarter 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	107.4	100.0	7.4
South	101.3	102.1	-0.8
Iraq	103.3	101.4	1.9

Table 108 : Fourth quarter, producer price index of manufacture of motor vehicles, trailers and semi-trailers in Iraq and Kurdistan Region for 2022

Area	Fourth quarter 2022	Third quarter 2022	% Change rate
Erbil	-	-	-
Sulaymaniyah	-	-	-
Duhok	-	-	-
Kurdistan Region	-	-	-
Center	95.2	107.4	-11.4
South	104.8	101.3	3.5
Iraq	101.6	103.3	-1.6

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 109 : Annual producer price index of manufacture of motor vehicles, trailers and semi-trailers in Iraq and Kurdistan Region for 2022

Area	Year 2022
Erbil	-
Sulaymaniyah	-
Duhok	-
Kurdistan Region	-
Center	100.6
South	100.0
Iraq	100.2

Division 31: Manufacture of furniture and wood products n.e.c.

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 110 : First quarter, producer price index of furniture and wood products n.e.c. in Iraq and Kurdistan Region 2022

Area	First season 2022	Fourth quarter 2021	% Change rate
Erbil	101.6	100.0	1.6
Sulaymaniyah	100.0	100.0	0.0
Duhok	-	-	-
Kurdistan Region	100.8	100.0	0.8
Center	98.7	100.0	-1.3
South	100.0	100.0	0.0
Iraq	100.1	100.0	0.1

Table 111 : Second quarter, producer price index of furniture and wood products n.e.c. in Iraq and Kurdistan Region 2022

Area	Second quarter 2022	First season 2022	% Change rate
Erbil	100.4	101.6	-1.1
Sulaymaniyah	100.0	100.0	0.0
Duhok	-	-	-
Kurdistan Region	100.2	100.8	-0.6
Center	101.7	98.7	3.0
South	100.0	100.0	0.0
Iraq	100.5	100.1	0.4

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 112 : Third quarter, producer price index of furniture and wood products n.e.c. in Iraq and Kurdistan Region 2022

Area	Third quarter 2022	Second quarter 2022	% Change rate
Erbil	100.0	100.4	-0.4
Sulaymaniyah	100.0	100.0	0.0
Duhok	-	-	-
Kurdistan Region	100.0	100.2	-0.2
Center	99.5	101.7	-2.3
South	100.0	100.0	0.0
Iraq	99.9	100.5	-0.6

Table 113 : Fourth quarter, producer price index of furniture and wood products n.e.c. in Iraq and Kurdistan Region 2022

Area	Fourth quarter 2022	Third quarter 2022	% Change rate
Erbil	100.3	100.0	0.3
Sulaymaniyah	108.1	100.0	8.1
Duhok	-	-	-
Kurdistan Region	104.2	100.0	4.2
Center	99.7	99.4	0.3
South	100.0	100.0	0.0
Iraq	102.0	99.9	2.1

Producer Price Index (PPI) for Big Industries in Kurdistan Region 2022

Table 114 : Annual producer price index of furniture and wood products n.e.c. in Iraq and Kurdistan Region 2022

Area	Year 2022
Erbil	100.6
Sulaymaniyah	102.0
Duhok	-
Kurdistan Region	101.3
Center	99.9
South	100.0
Iraq	100.6

Appendices

Questionnaire form for collecting Industrial products price for the year 20.....



Central Statistical organization

Price Index Department

Questionnaire for the season specify

The name of industrial product.... specify

The number of industrial products.... specify



Kurdistan Region Statistics Office

Season...the year 20...									Unit of measurement	product description	Product name	Product code	ISIC4	Governorate code
Month...			Month...			Month...								
The price per unit of measurement of the product	The total volume of the product	Product price (ID)	The Price per unit of measurement of the product	The total volume of the product	Product price (ID)	The Price per unit of measurement of the product	The total volume of the product	Product price (ID)						

Notes:

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