

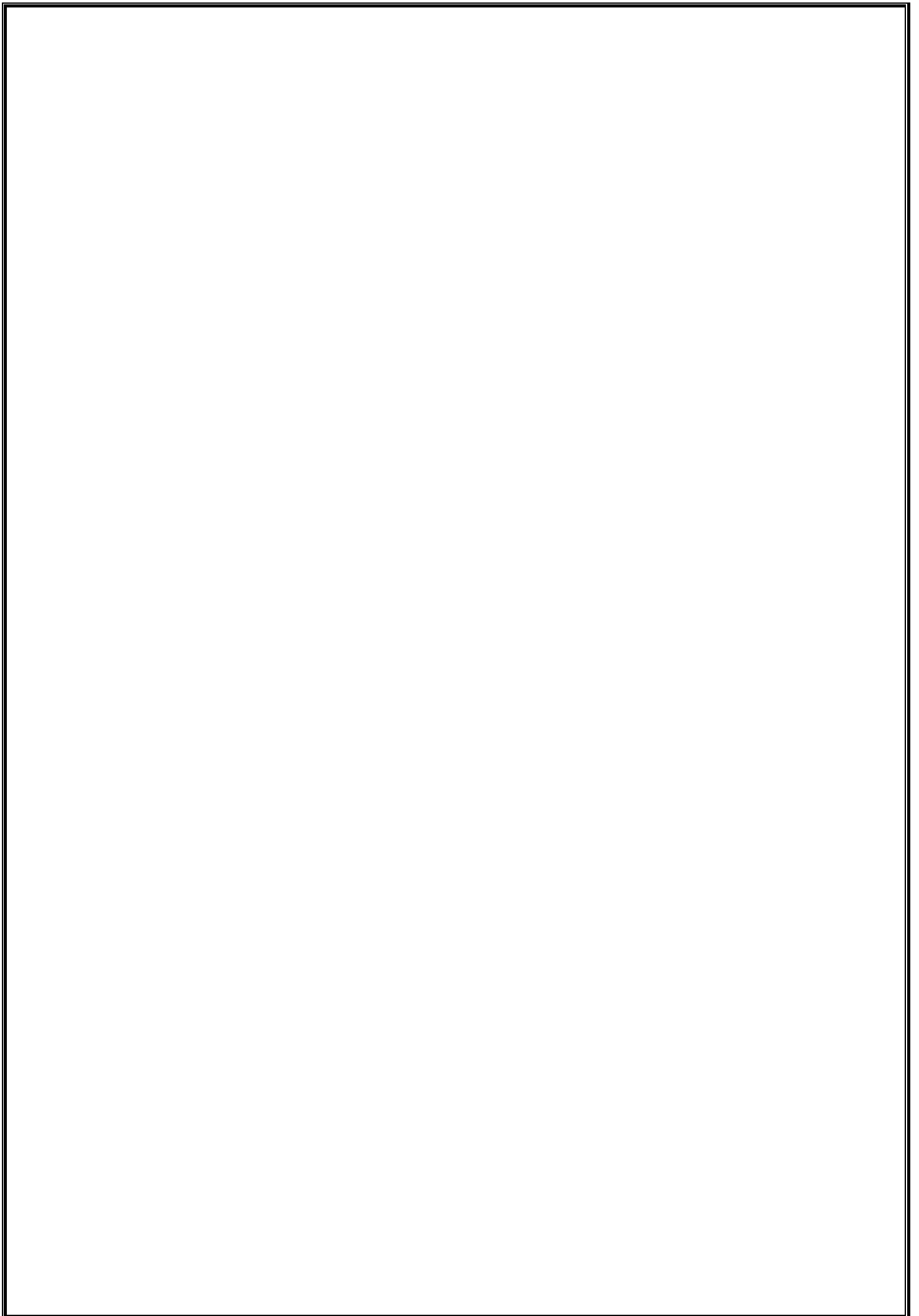
## Statistic of small industrial establishments of private sector for 2016



2016-October

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## INTRODUCTION

The industrial sector occupies an important position among the economic sectors in many countries and plays an important role in the economic development process, in the development of other sectors of the economy, in the employment of labor and thus in contributing to GDP. This is important in light of the efforts of the Central Statistical Organization Minutes to show the performance of this activity in the state in order to develop it and increase its contribution to GDP by conducting analytical studies of the statistical data for a number of economic variables ,such as production, added value, employment, wages , fixed capital formation... etc.

The Directorate of Industrial Statistics carries out an annual survey using the sample method for small industrial establishments. The standard adopted in the classification of these establishments is that the number of workers is from 1 to 9 workers. In order to provide statistical and actual information and data, The main indicators for the extractive industries (excluding oil) and the conversion and the report does not include data of the Kurdistan region.

## GOALS OF REPORT

- 1- Providing statistical data on small industrial establishments that are accurate and reliable according to international standards that meet the needs of users, especially national accounts.
- 2- To reduce reliance on indirect methods in preparing and estimating the economic variables related to the activity of this establishment.

## Methodology of Design and Distribution of Small Industrial Establishments Sample

Industrial activity is defined as a process or set of processes, results in a particular set of products, in other words combining a number of resources such as equipment, labor, production techniques or products, leading to the production of a specific commodity or service.

### Industrial Activity:

- 1 .Mining and quarrying section (b) and sections (05-09) of the ISIC4 manual, the fourth revision of 2009.
2. Manufacturing section (c) and sections of (10-32) of Index.
3. The supply of electricity, gas, steam and air conditioning supply section (D) belong to Section (35) The water supply and its other activities section (E) and its divisions of (36-39). It is known that the industrial activity varies according to the nature of the industry. On the statistical level,

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what is important to us is how to cover this activity and the coverage of its activities with statistical work, in order to provide full indicators of it as different details and usually only from a statistical point of view adopt certain criteria for classification of establishments in order to facilitate the process of inclusion. In Iraq for statistical purposes to the levels based on the standard number of workers in enterprises, we have three types of industrial establishments defined as follows:

- (Large industrial establishments: the number of employees (30) or more.
- Medium Industrial Establishments: employ 10-29 workers.
- Small Industrial Establishments: Establishments with less than ten employees.

According to the similarity of small industrial establishments in terms of the number of employees, the nature of work, its similarity and its spread throughout Iraq, and the large number of them, they usually include the sample method. That what interests us in this area is this part of industrial activity in Iraq in order to deal with it and the design of a sample to be adopted to cover the statistical work.

## Framework

The framework of the industrial establishments provided by the inventory and the numbering for 2009 has been adopted. A framework for small industrial establishments has been sorted out and then returned to the field by the field researchers in the governorates in order to modernize these frameworks in the field. The closed and suspended establishments, the non-industrial activities of the framework and this framework was filtered to include only small industrial enterprises operating for industrial activities and the size of (26081) facilities for Iraq governorate, except Kurdistan region.

## Targeted Category

Small industrial establishments were targeted.

## Coverage

Including small industrial establishments and according to the following industrial activities:

1. Mining and exploitation of other quarries
2. Mining-related services activities
3. Manufacture of food products
4. Beverage industry
5. Manufacture of tobacco products
6. Textile industry
7. Manufacture of clothing, except for fur garments

## Statistic of small industrial establishments for 2016

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8. Manufacture of leather products and related products
9. Manufacture of wood and wood and cork products, except furniture, making straw and nail materials
10. Paper industry and its products
11. Printing and cloning of registered media
12. Coke industry and refined petroleum products
13. Manufacture of chemicals and chemical products
14. Manufacture of pharmaceutical, chemical, pharmaceutical and medicinal plant products
15. Manufacture of rubber and plastic products
16. Manufacture of other non-metallic mineral products
17. Manufacture of base metals
18. Manufacture of metal products, except machinery and equipment
19. Manufacture of computers and electronic and optical products
20. Manufacture of clothing except fur garments
21. Manufacture of leather products and related products
22. Manufacture of wood and wood and cork products, except furniture, making straw and nail materials
23. Paper industry and its products
24. Printing and cloning of registered media
25. Manufacture of coke and refined petroleum products
26. Manufacture of pharmaceutical, chemical, pharmaceutical and medicinal plant products
27. Manufacture of other nonmetallic metal products
28. Manufacture of base metals
29. Manufacture of electrical equipment
30. Manufacture of machinery and equipment not classified elsewhere
31. Manufacture of motor vehicles, trailers and semi-trailers
32. Manufacture of other transport equipment
33. Furniture Industry
34. Other manufacturing industries
35. Repairs of equipment and devices
36. Supply of electricity, gas, steam and air conditioning supplies
37. Collection, purification and distribution of water
38. Sewage networks
39. Collection, treatment and recycling of waste and waste
40. Treatment activities and other waste management services

## Distribution of industrial establishments by activities and governorate

The industrial establishments that contain the number of workers (1-9) were sorted according to the criteria used in classification of these establishments and they were distributed according to the industrial activities represented in extractive and transformative industries. The society was divided into 13 governorates. According to ISIC4 and the fourth level. The number of layers (226) was (11 governorates, 70 activities) to provide data on the level of industrial activities in each governorate for use in the 1993 SNA and for regional planning and research purposes.

## Sample size

The Size Of The Sample Was Determined By Reference To The Data Available On The Small Industrial Establishments Provided By The Inventory And Numbering Framework For 2009. The Establishments Were Included In Each Activity And The Limits Of Five Establishments Per Activity For The Purpose Of Covering All The Industrial Activities. The Frame Size Of The Sample Is (1126) , The Sample Was Withdrawn According To The Method Of Random Stratified Random Sample (1602). The Total Size Of The Sample Is (2728) Establishments. The Variable Number Of Employees Was Used To Estimate The Sample Size And The Variance Was Calculated For The Variable Number Of Employees In Each Activity By Governorate.

## Sample type

Using the random sample method to determine the size of the sample (n) on the basis of each industrial activity. Therefore, the sample was drawn at the level of activities within each governorate. We expect the main variable to be output to estimate sample size.

## Sample Calculate Method

The method of sample withdraw depending on Niman form to determine layer sample size considered every activity as layer.

Equation:  $n_{Ney} = [(\sum NhSh)^2 / N^2 B^2 + (\sum NhS^2h)] * DEFF * (1/1-n) \dots$

Ratio of mistakes  $\cdot B = d / z$

Nhsh: Represents The Product Of The Multiplication Of The Standard Deviation And The Number Of Establishments In Each Stratum Within Each Province (Nhs2h) Representing The Sum Of The Multiplication Of Each Stratum By The Number Of Establishments In Each Stratum Within Each Governorate.

# Statistic of small industrial establishments for 2016

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**N =Requested sample size**

**N =Society size**

Z = 95% confidence level, 1.96

Nh = Non-response rate 0.05

Effect of sample design

D = Error 0.002%

After we had all the above data, the sample size was calculated as  $n = 2728$ .

For distributing the total sample to the strata of society, we will rely on Neyman allocation

$n_h = n_{Ney} [N_h S_h / (\sum N_h S_h)]$ .

The partial sample size is drawn from each layer of the community and determined by the size of the variation within each layer (nh)

And the number of its members attributed to the total total variance of the layers for all the vocabulary of the society and according to the formula above equation (2).

The ratio of non-response (0.05) and the effect of design (1.2) from similar surveys, as in equation (1)

## Result Analysis:

Because of the security conditions experienced by some provinces (Nineveh Anbar), have been excluded from the fieldwork, Based on that, the report reviews the results of thirteen governorates only and the survey did not include the provinces of Kurdistan. The provinces of Kirkuk and Salah al-Din for the year 2016, on key indicators. The data contained in this report on small industrial enterprises can be found in the most important variables in the number of operating establishments, the number of employees and their wages, and the obvious change in these main statistical indicators, which can be summarized as follows:

### First: Number of Establishments

The Number Of Small Industrial Establishments In The Governorates Covered By The Survey For 2016 Increased By 15.5% Compared To 2015. The Number Of Establishments Operating In 2016 Was 25966, Whereas In 2015 It Was 22480 Establishments, As Table 1).

### Second: Number of Employees

The number of employees in the small industrial establishments for the year 2016 increased by 21.98 compared to 2015. The number of employed persons reached 81920 in 2016 while in 2015 it was 67157. While the total wages and benefits for 2016 increased by (27.4%) compared to the year 2015, where the total wages and benefits in 2016 (333111) million dinars, while the total in 2015 (261492) million dinars shown in Table (1).



### **Third: Production Value**

The value of production in the small industrial establishments for the year 2016 increased by 14.03 compared to 2015. The value of production in 2016 was 2079915 million dinars while the value in 2015 was 1823968 million dinars. The food industry ranked first in terms of its contribution to the value of production achieved by this activity (38%), followed by the manufacture of manufactured metal products excluding machinery and equipment with a contribution of 26% as shown in Table (5).

As shown in table 5.

### **Fourth: Requirements Production Value**

The value of production inputs in the small industrial establishments for the year 2016 increased by (4.88%) compared to 2015. The value of these products reached (1026519) million dinars in 2016, while the value in 2015 was JD (978754) million.

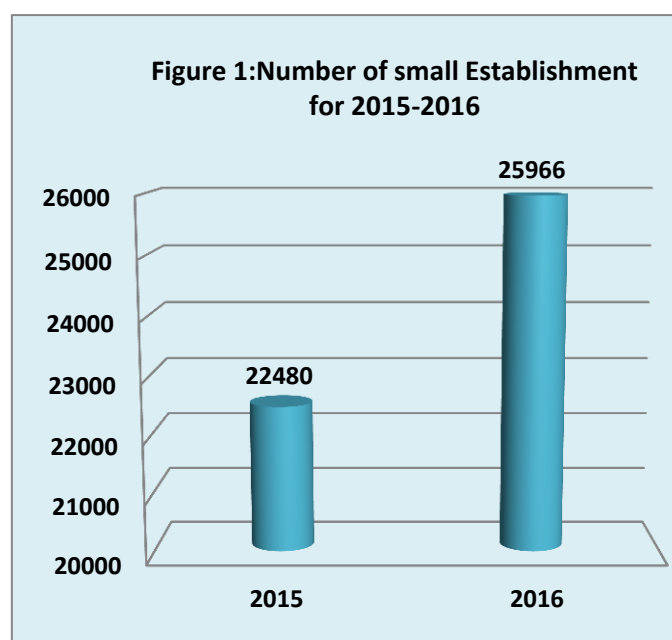
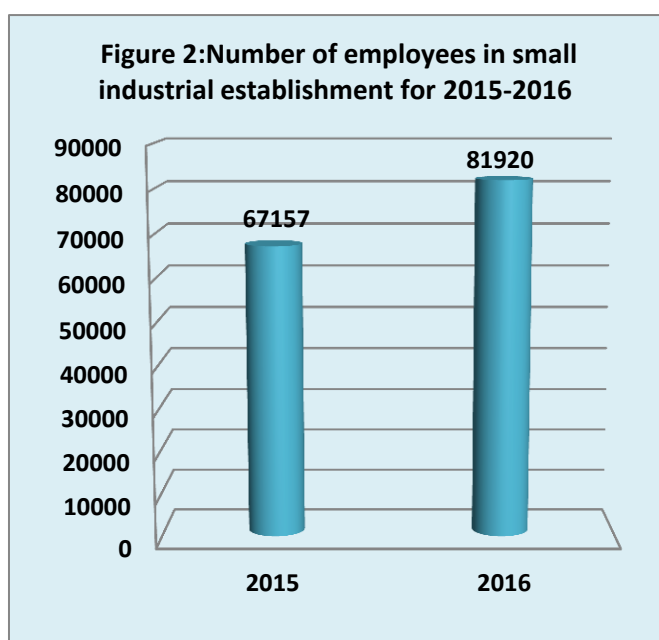
The percentage of the food industry was 39% of the total inputs for manufacturing industries, followed by the percentage of metal products, excluding machinery and equipment, which amounted to 26% of the total inputs as shown in Table (6).

**Statistic of small industrial establishments for 2016**

**Summary of industrial statistical results of small establishments for 2015-2016**

**Table 1**

<b>Year \ Indicators</b>	<b>2015</b>	<b>2016</b>	<b>Change Rate (2015 -2016 )</b>
<b>Number of small establishments</b>	22480	25966	15.5
<b>Rate of employee number</b>	67157	81920	21.98
<b>Total of wages and benefits (Billion)</b>	261492	333111	27.4
<b>Total of production value (Billion)</b>	1823968	2079915	14.03
<b>Requirment value of production (Billion)</b>	978754	1026519	4.88



Statistic of small industrial establishments for 2016

Main indicators of small industrial establishments for 2015-2016

Table 2

Year	Indicators	% 2015	% 2016	Change Rate %
	Productivity worker of production	27.159	25.389	-6.5
	Dinar production of wages	6.98	6.24	-10.6
	Average annual wage for worker	6.136	6.282	2.4
	Manufactured degree%	53.66	49.35	-8.03

Number of establishments by governorate included by survey for 2015-2016

Table 3

Governorate	2015	2016
Kirkuk	..	1619
Dyala	1574	1658
Baghdad	3928	4110
Babylon	3909	3909
Kerbela	3631	3777
Wasit	1842	1865
Salah-Aldeen	..	942
Najaf	1937	2075
Qadysia	1099	1098
Al-Muthanna	540	547
Thi-Qar	1201	1199
Missan	1066	1057
Basrah	1753	2110
<b>Total</b>	<b>22480</b>	<b>25966</b>

Data not available because security conditions

**Table 4: Number Of Small Industrial Establishments And Its Employees ,Wages And Section For 2016**

**Table 4**

**Thousand Dinar**

Code	Name of industry	Establishment	Number of operators			Wages
			Wage	No wage	Total	
10	Food production	6050	21625	6431	28056	145667708
11	Beverages production	14	24	15	39	112600
13	Textile manufacture	332	206	360	566	770970
14	Clothes manufacture	2844	1534	3194	4728	7279695
15	leather manufacture	27	58	28	86	413400
16	Manufacture of Wood and cork except furniture	233	214	251	465	1090916
17	Paper production	2	6	2	8	37200
18	Printing,copying and media	137	383	156	539	2406246
19	Manufacture of coke and crude oil	5	17	6	23	99000
20	Maunfacture of chemical production	8	33	7	40	200400
22	Plastic and rubber production	373	734	375	1109	3449638

**Follow**

Follow table 4

Thousand Dinar

Code	Name of industry	of Establishr	Number of operators			Wages
			Wage	No wage	Total	
23	Nonmetallic manufacturing	1926	6083	2106	8189	33785769
24	Manufacturing of Basal metallic	154	188	237	425	914400
25	Metal production	7967	12668	9013	21681	81638841
26	Computer manufacturing	13	20	13	33	203520
27	Manufacture of electricity equipments	5	13	8	21	60250
28	Machines production	15	37	15	52	228388
29	Manufacture of vehicles and truck trailer	8	19	8	27	127800
30	Manufacture of other transport items	18	15	18	33	65120
31	Furniture manufacture	5795	9118	6604	15722	54277113
32	Other manufacture industries	40	27	51	78	281600
<b>Total</b>		<b>25966</b>	<b>53022</b>	<b>28898</b>	<b>81920</b>	<b>333110574</b>

**Table 5: Production Value Of Small Industrial Establishments By Industry And Section For 2016**

Table 5									ID
Code	Industry Name	Perfect manufactures products	Non perfect manufactu	Leftover production	Production value of non commodity				Total production
					Industrial services	Maintenance services	Other services	Other	
10	Food production	760570106	1171677	8760500	8398160	109032	2473476	0	781482951
11	Baverages production	2620233	0	0	0	0	0	0	2620233
13	Textile manufacture	8254393	54600	21610	800434	231697	128801	0	9491535
14	Clothes manufacture	30280705	6253	0	16829729	7696774	4370120	0	59183581
15	leather manufacture	4016175	0	0	6400	0	1800	0	4024375
16	Manufacture of Wood and cork except furniture	12000573	4200	20820	0	53923	0	0	12079516
17	Paper production	216600	0	0	0	0	0	0	216600
18	Printing,copying and media	12661714	54600	9600	65625	8000	172265	0	12971804
19	Manufacture of coke and crude oil	855960	0	12000	0	0	0	0	867960
20	Maunufacture of chemical production	1126500	0	36000	0	0	0	0	1162500
22	Plastic and rubber production	22005042	0	4200	0	5760	0	0	22015002
									<b>Follow</b>

Table 5

ID

Code	Industry Name	Perfect manufactures products	Non perfect manufactures	Leftover production	Production value of non commodity				Total production
					Industrial services	Maintenance services	Other services	Other	
23	Nonmetallic manufacturing	239297228	0	3840	116400	138160	548950	0	240104578
24	Manufacturing of Basal metallic	5702333	0	7908	1757100	1920125	183000	151800	9722266
25	Metal production	534065964	0	203966	2276549	11811996	2495573	0	550854048
26	Computer manufacturing	1431372	0	0	0	8400	7800	0	1447572
27	Manufacture of electricity equipments	314930	0	0	0	31650	0	0	346580
28	Machines production	1305417	0	0	0	89793	0	0	1395210
29	Manufacture of vehicles and truck trailer	753400	0	0	9600	49020	0	0	812020
30	Manufacture of other transport items	525280	0	2640	30750	87360	23400	0	669430
31	Furniture manufacture	330978113	21840	2769036	786088	14120263	6522032	0	355197372
32	Other manufacture industries	13164230	0	0	0	82220	3000	0	13249450
<b>Total</b>		<b>1982146268</b>	<b>1313170</b>	<b>11852120</b>	<b>31076835</b>	<b>36444173</b>	<b>16930217</b>	<b>151800</b>	<b>2079914583</b>

Table 6: Production Requirements Value Of Small Industrial Establishments By Industry And Section For 2016

Table 6

ID

Code	Industry Name	Commodity							Services		Total
		Crude and anial items	Packaging	Fuel and oil	Spare parts	Electricity	Water	Other commodity	Industrial	Other	
10	Food production	296491950	10612721	45565036	4638313	2184217	1507918	2689735	826820	31285302	395802012
11	Beverages production	548281	153120	157531	4783	9759	14235	6731	0	15913	910353
13	Textile manufacture	4611117	11671	83810	66228	69240	39175	50501	14771	740527	5687040
14	Clothes manufacture	12641855	82622	997729	404649	565504	316300	557375	281156	7172647	23019837
15	leather manufacture	1599481	60816	32225	21025	7238	7771	27943	0	63760	1820259
16	Manufacture of Wood and cork except furniture	5170199	71265	59481	31332	47873	22273	36261	9957	648245	6096886
17	Paper production	124020	6000	3252	3600	300	192	876	0	7200	145440
18	Printing,copying and media	2307124	81272	123434	107372	38575	20674	166572	23326	573648	3441997
19	Manufacture of coke and crude oil	457140	27600	30300	8160	828	996	10320	0	23400	558744
20	Maunfacture of chemical production	509605	38984	49739	4560	4192	1986	21030	0	16580	646676
22	Plastic and rubber production	9241725	53849	345369	86475	126189	29076	26144	86350	1201893	11197070

Follow



Table 6

ID

Code	Industry Name	Commodity							Services		Total
		Crude and anial items	Packaging	Fuel and oil	Spare parts	Electricity	Water	Other commodity	Industrial	Other	
23	Nonmetallic manufacturing	116763592	0	6055135	1761833	654898	626848	979112	639493	6448198	133929109
24	Manufacturing of Basal metalic	1882390	0	237874	34260	136230	46876	109340	138600	317485	2903055
25	Metal production	216922857	178200	14274172	3908374	2688288	1037036	3250699	1558447	26876831	270694904
26	Computer manufacturing	464232	0	7800	600	7063	1649	1800	0	85920	569064
27	Manufacture of electricity equipments	54900	0	22534	12275	1053	1518	41230	0	11500	145010
28	Machines production	646167	0	101342	21750	3269	1237	44808	5580	48173	872326
29	Manufacture of vehicles and truck trailer	371442	0	7772	15980	1728	964	15380	0	31500	444766
30	Manufacture of other transport items	253350	0	13520	3779	3354	2777	13917	0	30660	321357
31	Furniture manufacture	120628270	0	4147866	3133444	1618569	843394	3459472	1216347	20450535	155497897
32	Other manufacture industries	11406543	46096	58259	13468	30787	7428	8550	0	244384	11815515
	<b>Total</b>	<b>803096240</b>	<b>11424216</b>	<b>72374180</b>	<b>14282260</b>	<b>8199154</b>	<b>4530323</b>	<b>11517796</b>	<b>4800847</b>	<b>96294301</b>	<b>1026519317</b>

**Table 7: Number Of Small Industry Establishments And Its Employees , Wages By Industry And Activity For 2016**

Table 7							ID
Code	Industry Name	No. of establishments	Number of operators			Wages	
			Wage	No wage	Total		
1010	Processing and preserving of meat	1	3	1	4	16800	
1030	Processing and preserving of fruit and vegetables	5	8	6	14	45067	
1040	Manufacture of vegetable and animal oils and fats	4	13	7	20	43500	
1050	Manufacture of dairy products	30	111	45	156	421160	
1061	Manufacture of grain mill products	331	662	446	1108	2412817	
1071	Manufacture of bakery products	5065	18449	5237	23686	131318716	
1073	Manufacture of cocoa, chocolate and sugar confectionery	196	723	227	950	5569742	
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous product	3	13	1	14	60000	
1079	Manufacture of other food products n.e.c.	319	1322	350	1672	4554469	
1080	Manufacture of prepared animal feeds	96	321	111	432	1225437	
1104	Manufacture of soft drinks; production of mineral waters and other bottled water	14	24	15	39	112600	
1311	Spinning, weaving and finishing of textiles	1	0	1	1	0	
1312	Weaving of textiles	1	3	2	5	13000	

Table 7

ID

Code	Industry Name	No. of establishments	Number of operators			Wages
			Wage	No wage	Total	
1391	Manufacture of knitted and crocheted fabrics	10	10	10	20	51500
1392	Manufacture of made-up textile articles, except apparel	317	193	344	537	706470
1393	Manufacture of carpets and rugs	3	0	3	3	0
1410	Manufacture of wearing apparel, except fur apparel	2844	1534	3194	4728	7279695
1511	Tanning and dressing of leather; dressing and dyeing of fur	9	24	10	34	175800
1512	Manufacture of luggage, handbags and the like, saddlery and harness	14	24	14	38	163200
1520	Manufacture of footwear	4	10	4	14	74400
1610	Sawmilling and planing of wood	3	11	3	14	15000
1621	Manufacture of veneer sheets and wood-based panels	5	20	7	27	87000
1622	Manufacture of builders' carpentry and joinery	139	150	153	303	792231
1629	Manufacture of other products of wood; manufacture of articles of cork, straw and	86	33	88	121	196685
1709	Manufacture of other articles of paper and paperboard	2	6	2	8	37200
1811	Printing	134	382	153	535	2400246

Table 7

Code	Industry Name	No. of establishments	Number of operators			Wages
			Wage	No wage	Total	
1812	Service activities related to printing	3	1	3	4	6000
1910	Manufacture of coke oven products	1	6	1	7	39600
1920	Manufacture of refined petroleum products	4	11	5	16	59400
2013	Manufacture of plastics and synthetic rubber in primary forms	1	8	1	9	48000
2022	Manufacture of paints, varnishes and similar coatings, printing ink and mastics	6	23	5	28	142800
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and cosmetics	1	2	1	3	9600
2219	Manufacture of other rubber products	60	174	62	236	1049513
2220	Manufacture of plastics products	313	560	313	873	2400125
2391	Manufacture of refractory products	103	462	85	547	2594070
2392	Manufacture of clay building materials	4	17	4	21	61700
2393	Manufacture of other porcelain and ceramic products	25	44	30	74	168650
2394	Manufacture of cement, lime and plaster	18	85	19	104	307400

Table 7

ID

Code	Industry Name	No. of establishments	Number of operators			Wages
			Wage	No wage	Total	
2395	Manufacture of articles of concrete, cement and plaster	1767	5461	1958	7419	30568249
2396	Cutting, shaping and finishing of stone	9	14	10	24	85700
2410	Manufacture of basic iron and steel	115	130	178	308	571200
2420	Manufacture of basic precious and other non-ferrous metals	32	49	51	100	296800
2431	Casting of iron and steel	5	5	5	10	31400
2432	Casting of non-ferrous metals	2	4	3	7	15000
2511	Manufacture of structural metal products	7224	11528	8216	19744	75298573
2512	Manufacture of tanks, reservoirs and containers of metal	73	117	81	198	641130
2593	Manufacture of cutlery, hand tools and general hardware	344	697	390	1087	3295238
2599	Manufacture of other fabricated metal products n.e.c.	326	326	326	652	2403900
2660	Manufacture of irradiation, electromedical and electrotherapeutic equipment	12	19	12	31	198720
2670	Manufacture of optical instruments and photographic equipment	1	1	1	2	4800

Table 7

ID

Code	Industry Name	No. of establishments	Number of operators			Wages
			Wage	No wage	Total	
2750	Manufacture of domestic appliances	5	13	8	21	60250
2811	Manufacture of engines and turbines, except aircraft, vehicle and cycle engines	1	2	1	3	22200
2821	Manufacture of agricultural and forestry machinery	11	21	11	32	164238
2824	Manufacture of machinery for mining, quarrying and construction	3	14	3	17	41950
2920	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	4	13	4	17	97200
2930	Manufacture of parts and accessories for motor vehicles	4	6	4	10	30600
3011	Building of ships and floating structures	18	15	18	33	65120
3100	Manufacture of furniture	5795	9118	6604	15722	54277113
3211	Manufacture of jewellery and related articles	35	11	46	57	176000
3240	Manufacture of games and toys	4	16	4	20	105600
3290	Other manufacturing n.e.c.	1	0	1	1	0
<b>Total</b>		<b>25966</b>	<b>53022</b>	<b>28898</b>	<b>81920</b>	<b>333110574</b>

**Table 8: Production Value Of Small Industrial Establishments By Industry And Activity For 2016**

Table8									ID
Code	Industry Name	Perfect manufactures products	Non perfect manufactures	Leftover production	Production value of non commodity				Total production
					Industrial services	Maintenance services	Other services	Other	
1010	Processing and preserving of meat	202500	0	0	0	0	0	0	202500
1030	Processing and preserving of fruit and vegetables	921472	0	0	0	0	0	0	921472
1040	Manufacture of vegetable and animal oils and fats	452275	0	0	0	0	0	0	452275
1050	Manufacture of dairy products	4675166	0	0	0	0	0	0	4675166
1061	Manufacture of grain mill products	15826209	0	7080032	4665734	0	63467	0	27635442
1071	Manufacture of bakery products	644094661	1171676	1145445	810378	77226	2410009	0	649709395
1073	Manufacture of cocoa, chocolate and sugar confection	25892354	0	0	0	31807	0	0	25924161
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	246000	0	0	0	0	0	0	246000
1079	Manufacture of other food products n.e.c.	53439924	0	525573	99450	0	0	0	54064947
1080	Manufacture of prepared animal feeds	14819545	0	9450	2822597	0	0	0	17651592
1104	Manufacture of soft drinks; production of mineral waters and other beverages	2620233	0	0	0	0	0	0	2620233
1311	Spinning, weaving and finishing of textiles	50760	0	0	0	0	0	0	50760
1312	Weaving of textiles	634000	0	0	0	0	0	0	634000
1391	Manufacture of knitted and crocheted fabrics	1248500	0	0	0	0	0	0	1248500
1392	Manufacture of made-up textile articles, except apparel	6283733	54600	21060	775824	231697	127601	0	7494515
1393	Manufacture of carpets and rugs	37400	0	550	24610	0	1200	0	63760

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Table8

ID

Code	Industry Name	Perfect manufactures products	Non perfect manufactures	Leftover production	Production value of non commodity				Total production
					Industrial services	Maintenance services	Other services	Other	
1410	Manufacture of knitted and crocheted fabrics	30280705	6253	0	16829729	7696774	4370120	0	59183581
1511	Manufacture of made-up textile articles, except apparel	1251015	0	0	6400	0	0	0	1257415
1512	Manufacture of carpets and rugs	989160	0	0	0	0	1800	0	990960
1520	Manufacture of footwear	1776000	0	0	0	0	0	0	1776000
1610	Sawmilling and planing of wood	102400	0	0	0	0	0	0	102400
1621	Manufacture of veneer sheets and wood-based panels	666300	0	0	0	0	0	0	666300
1622	Manufacture of builders' carpentry and joinery	9770338	4200	18415	0	49273	0	0	9842226
1629	Manufacture of wood products; manufacture of articles of cork	1461535	0	2405	0	4650	0	0	1468590
1709	Manufacture of other articles of paper and paperboard	216600	0	0	0	0	0	0	216600
1811	Printing	12661714	54600	9600	0	8000	172265	0	12906179
1812	Service activities related to printing	0	0	0	65625	0	0	0	65625
1910	Manufacture of coke oven products	280800	0	12000	0	0	0	0	292800
1920	Manufacture of refined petroleum products	575160	0	0	0	0	0	0	575160
2013	Manufacture of plastics and synthetic rubber in primary forms	270000	0	36000	0	0	0	0	306000
2022	Manufacture of paints, varnishes and similar coatings, printing ink and other color preparations	799200	0	0	0	0	0	0	799200
2023	Manufacture of soap and detergents, cleaning and polishing preparations	57300	0	0	0	0	0	0	57300



Table8

Code	Industry Name	Perfect manufactures products	Non perfect manufactur	Leftover production	Production value of non commodity				Total production
					Industrial services	Maintenanc e services	Other services	Other	
2219	Manufacture of other rubber products	8947040	0	4200	0	0	0	0	8951240
2220	Manufacture of plastics products	13058002	0	0	0	5760	0	0	13063762
2391	Manufacture of refractory products	18651750	0	0	29400	0	0	0	18681150
2392	Manufacture of clay building materials	397600	0	3840	0	0	0	0	401440
2393	Manufacture of other porcelain and ceramic products	754755	0	0	0	138160	185900	0	1078815
2394	Manufacture of cement, lime and plaster	3338360	0	0	0	0	0	0	3338360
2395	Manufacture of articles of concrete, cement and plaster	215541529	0	0	0	0	363050	0	215904579
2396	Cutting, shaping and finishing of stone	613234	0	0	87000	0	0	0	700234
2410	Manufacture of basic iron and steel	3597903	0	7908	1757100	1782725	0	0	7145636
2420	Manufacture of basic precious and other non-ferrous metals	1831700	0	0	0	137400	183000	151801	2303901
2431	Casting of iron and steel	174200	0	0	0	0	0	0	174200
2432	Casting of non-ferrous metals	98530	0	0	0	0	0	0	98530
2511	Manufacture of structural metal products	490432981	0	194606	2256149	11023545	2473373	0	506380654
2512	Manufacture of tanks, reservoirs and containers of metal	4741640	0	3600	20400	61200	7200	0	4834040
2593	Manufacture of cutlery, hand tools and general hardware	15625843	0	5760	0	722701	15000	0	16369304
2599	Manufacture of other fabricated metal products n.e.c.	23265500	0	0	0	4550	0	0	23270050

Table8

Code	Industry Name	Perfect manufactures products	Non perfect manufacture of	Leftover production	Production value of non commodity				Total production
					Industrial services	Maintenance services	Other services	Other	
2660	of irradiation, electromedical and electrotherapeut	1405872	0	0	0	0	0	0	1405872
2670	icture of optical instruments and photographic equ	25500	0	0	0	8400	7800	0	41700
2750	Manufacture of domestic appliances	314930	0	0	0	31650	0	0	346580
2811	f engines and turbines, except aircraft, vehicle and	112800	0	0	0	0	0	0	112800
2821	Manufacture of agricultural and forestry machinery	988617	0	0	0	89793	0	0	1078410
2824	icture of machinery for mining, quarrying and cons	204000	0	0	0	0	0	0	204000
2920	(coachwork) for motor vehicles; manufacture of tr	559600	0	0	0	12000	0	0	571600
2930	nufacture of parts and accessories for motor vehic	193800	0	0	9600	37020	0	0	240420
3011	Building of ships and floating structures	525280	0	2640	30750	87360	23400	0	669430
3100	Manufacture of furniture	330978113	21840	2769036	786088	14120263	6522032	0	355197372
3211	Manufacture of jewellery and related articles	12689330	0	0	0	81020	0	0	12770350
3240	Manufacture of games and toys	458400	0	0	0	0	0	0	458400
3290	Other manufacturing n.e.c.	16500	0	0	0	1200	3000	0	20700
<b>Total</b>		<b>1982146268</b>	<b>1313169</b>	<b>11852120</b>	<b>31076834</b>	<b>36444174</b>	<b>16930217</b>	<b>151801</b>	<b>2079914583</b>

Table 9: Production Requirements Value Of Small Industrial Establishments By Industry And Activity For 2016

Table 9

Code	Industry Name	Commodity							Services		Total
		Crude and anitial items	Packaging	Fuel and oil	Spare parts	Electricity	Water	Other commodity	Industrial	Other	
1010	Processing and preserving of meat	140340	2280	4320	0	120	960	396	0	1200	149616
1030	Processing and preserving of fruit and vegetables	243933	5405	1657	0	1373	593	300	0	24433	277694
1040	Manufacture of vegetable and animal oils and fats	22879	191953	10273	0	1257	519	3030	8180	6160	244251
1050	Manufacture of dairy products	903503	374982	159903	19620	9346	8526	49954	2920	53120	1581874
1061	Manufacture of grain mill products	10278691	205378	866105	348868	131217	38994	254958	14927	317386	12456524
1071	Manufacture of bakery products	254484440	8214036	39477254	2463848	1659568	1117076	1651998	679015	28368868	338116103
1073	Manufacture of cocoa, chocolate and sugar confectionery	7485613	568359	748652	199768	101564	48416	80732	20118	1464505	10717727
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	39336	11760	23892	3120	732	636	1380	0	7800	88656
1079	Manufacture of other food products n.e.c.	13956819	843596	3770483	1474210	231374	257120	417072	91800	932127	21974601
1080	Manufacture of prepared animal feeds	8936396	194972	502497	128879	47666	35078	229915	9860	109703	10194966
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	548281	153120	157531	4783	9759	14235	6731	0	15913	910353
1311	Spinning, weaving and finishing of textiles	38880	0	270	0	252	135	270	0	4500	44307
1312	Weaving of textiles	572500	0	3100	5000	650	180	1250	0	1200	583880
1391	Manufacture of knitted and crocheted fabrics	951000	11200	3140	16800	3360	300	240	0	27400	1013440
1392	Manufacture of made-up textile articles, except apparel	3031432	471	76765	42553	64541	38026	47781	14771	703387	4019727

Follow

Table 9

ID

Code	Industry Name	Commodity							Services		Total
		Crude and anitial items	Packaging	Fuel and oil	Spare parts	Electricity	Water	Other commodity	Industrial	Other	
1393	Manufacture of carpets and rugs	17305	0	535	1875	437	534	960	0	4040	25686
1410	Manufacture of knitted and crocheted fabrics	12641855	82622	997729	404649	565504	316300	557375	281156	7172647	23019837
1511	Manufacture of made-up textile articles, except apparel	657205	0	10745	5425	4478	5611	12607	0	9640	705711
1512	Manufacture of carpets and rugs	300648	2544	13512	9840	2136	1752	9576	0	34200	374208
1520	Manufacture of footwear	641628	58272	7968	5760	624	408	5760	0	19920	740340
1610	Sawmilling and planing of wood	57276	0	504	0	192	16	0	200	4200	62388
1621	Manufacture of veneer sheets and wood-based panels	363141	69300	7366	1245	654	351	1780	0	10950	454787
1622	Manufacture of builders' carpentry and joinery	4368533	0	33708	29735	36096	18061	23174	9757	481934	5000998
1629	Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting	381249	1965	17903	352	10931	3845	11307	0	151161	578713
1709	Manufacture of other articles of paper and paperboard	124020	6000	3252	3600	300	192	876	0	7200	145440
1811	Printing	2306456	81238	121888	106892	38303	20544	166017	23326	569718	3434382
1812	Service activities related to printing	668	34	1546	480	272	130	555	0	3930	7615
1910	Manufacture of coke oven products	87000	0	25800	6000	60	576	10320	0	10800	140556
1920	Manufacture of refined petroleum products	370140	27600	4500	2160	768	420	0	0	12600	418188
2013	Manufacture of plastics and synthetic rubber in primary forms	61500	0	11400	3000	60	552	9000	0	6000	91512

Table 9

											ID
Code	Industry Name	Commodity							Services		Total
		Crude and anial items	Packaging	Fuel and oil	Spare parts	Electricity	Water	Other commodity	Industrial	Other	
2022	Manufacture of paints, varnishes and similar coatings, printing ink and mastics	428125	28064	37259	1080	3988	1326	12030	0	8780	520652
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and	19980	10920	1080	480	144	108	0	0	1800	34512
2219	Manufacture of other rubber products	3509692	53849	223932	79725	23434	8403	12649	0	228950	4140634
2220	Manufacture of plastics products	5732033	0	121437	6750	102755	20673	13495	86350	972943	7056436
2391	Manufacture of refractory products	9464326	0	344633	95776	66103	42577	88455	34488	321328	10457686
2392	Manufacture of clay building materials	143994	0	77580	4390	1415	662	449	0	4730	233220
2393	Manufacture of other porcelain and ceramic products	213913	0	23439	28050	1096	8775	60090	360	70820	406543
2394	Manufacture of cement, lime and plaster	698267	0	953287	23533	2962	10040	8627	0	10800	1707516
2395	Manufacture of articles of concrete, cement and plaster	105961440	0	4635478	1607084	580582	563776	815887	604345	6018520	120787112
2396	Cutting, shaping and finishing of stone	281652	0	20718	3000	2740	1018	5604	300	22000	337032
2410	Manufacture of basic iron and steel	1176713	0	187686	900	129716	41498	73128	138600	204555	1952796
2420	Manufacture of basic precious and other non-ferrous metals	688107	0	38393	27140	3814	3788	34612	0	86755	882609
2431	Casting of iron and steel	11840	0	7805	6220	2200	1290	0	0	19475	48830
2432	Casting of non-ferrous metals	5730	0	3990	0	500	300	1600	0	6700	18820
2511	Manufacture of structural metal products	198092665	0	12785533	2900574	2562234	947345	2997515	1533851	24752147	246571864
2512	Manufacture of tanks, reservoirs and containers of metal	2253141	0	85695	29800	19078	8219	36855	14800	204550	2652138
2593	Manufacture of cutlery, hand tools and general hardware	4009517	0	1213304	129050	61293	66986	149064	9796	1214794	6853804

Table 9

ID

Code	Industry Name	Commodity							Services		Total
		Crude and anial items	Packaging	Fuel and oil	Spare parts	Electricity	Water	Other commodity	Industrial	Other	
2599	Manufacture of other fabricated metal products n.e.c.	12567534	178200	189640	848950	45683	14486	67265	0	705340	14617098
2660	Manufacture of irradiation, electromedical and electrotherapeutic equipment	454032	0	7200	0	7027	1469	0	0	83520	553248
2670	Manufacture of optical instruments and photographic equipment	10200	0	600	600	36	180	1800	0	2400	15816
2750	Manufacture of domestic appliances	54900	0	22534	12275	1053	1518	41230	0	11500	145010
2811	Manufacture of engines and turbines, except aircraft, vehicle and cycle engines	48120	0	16200	1800	168	108	6000	0	4920	77316
2821	Manufacture of agricultural and forestry machinery	532504	0	82696	19950	1929	1097	36918	0	41353	716447
2824	Manufacture of machinery for mining, quarrying and construction	65543	0	2446	0	1172	32	1890	5580	1900	78563
2920	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	300426	0	3440	7700	984	496	10700	0	18900	342646
2930	Manufacture of parts and accessories for motor vehicles	71016	0	4332	8280	744	468	4680	0	12600	102120
3011	Building of ships and floating structures	253350	0	13520	3779	3354	2777	13917	0	30660	321357
3100	Manufacture of furniture	120628270	0	4147866	3133444	1618569	843394	3459472	1216347	20450535	155497897
3211	Manufacture of jewellery and related articles	11160063	42496	35699	8668	27367	6636	8550	0	235600	11525079
3240	Manufacture of games and toys	241920	3600	22560	4800	3408	672	0	0	6384	283344
3290	Other manufacturing n.e.c.	4560	0	0	0	12	120	0	0	2400	7092
<b>Total</b>		<b>803096240</b>	<b>11424216</b>	<b>72374180</b>	<b>14282260</b>	<b>8199154</b>	<b>4530323</b>	<b>11517796</b>	<b>4800847</b>	<b>96294301</b>	<b>1026519317</b>

**Table 10: Number Of Small Industrial Establishments And Its Employees And Wages By Governorate For 2016 2010**

Governorate	Number of establishments	Number of operators			Wages
		Wage	No wage	Total	
Kirkuk	1619	4419	1773	6192	17616719
Dyala	1658	3655	1549	5204	18840354
Baghdad	4110	8143	4446	12589	78411833
Babylon	3909	4886	4046	8932	19214020
Kerbela	3777	8877	4233	13110	62927635
Wasit	1865	3168	2275	5443	17963830
Salah -Al-deen	942	1771	1406	3177	8434922
Al-Najaf	2075	6059	2455	8514	35026832
Qadysia	1098	2378	1193	3571	13508754
Al-Muthanna	547	1066	667	1733	5113657
Thi-Qar	1199	2104	1256	3360	13869312
Missan	1057	1204	1278	2482	6732628
Basrah	2110	5292	2321	7613	35450078
<b>Total</b>	<b>25966</b>	<b>53022</b>	<b>28898</b>	<b>81920</b>	<b>333110574</b>

Table 11: Production And Requirements Value Of Small Industrial Establishments By Governorate For 2016

Table 11

Code	Governorate	Perfect products	Non-perfect products	Production waste	-Non commodity production	Other	Total	Production requirements	ID
14	Kirkuk	93818751	0	0	2908737	0	96727488	51919172	
21	Dyala	104131438	90514	412016	2121419	0	106755387	58091713	
23	Baghdad	398994627	0	15305	6949202	0	405959134	221403699	
24	Babylon	157184768	6254	613123	4263960	0	162068105	85029539	
25	Kerbela	443937882	0	132209	4732289	0	448802380	185180174	
26	Wasit	100326227	0	20488	4903918	0	105250633	58408657	
27	-Salah -Al deen	84023012	0	56440	2857296	0	86936748	45905542	
28	Al-Najaf	164630699	54600	1409791	12552538	0	178647628	89586491	
31	Qadysia	63651797	26040	5769904	4118218	0	73565959	32801088	
32	-Al Muthanna	25621606	0	13638	1091031	0	26726275	15034786	
33	Thi-Qar	102941285	0	0	459299	0	103400584	53916848	
34	Missan	73582457	0	336600	4821575	151801	78892433	36251419	
35	Basrah	169301719	1135761	3072607	32671742	0	206181829	92990189	
<b>Total</b>		<b>1982146268</b>	<b>1313169</b>	<b>11852121</b>	<b>84451224</b>	<b>151801</b>	<b>2079914583</b>	<b>1026519317</b>	