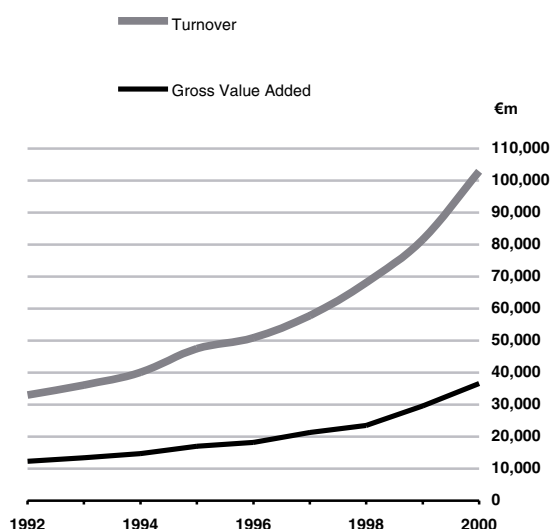




Central Statistics Office
An Phríomh-Oifig Staidrimh

15 February 2002

Industrial Enterprises, 1992 - 2000



2000 Census of Industrial Production Early Estimates

Industrial Enterprises

Year	Turnover	Gross value added	Wages & salaries	Persons employed
	€m	€m	€m	No.
1999	82,864	30,060	6,356	264,897
2000	102,923	36,600	7,041	276,352

Turnover up 24.2% in 2000

Early estimates for 2000 show that industrial enterprises with 3 or more persons engaged had a turnover of €102,923m and a gross value added of €36,600m. Turnover was up **24.2%** on the 1999 figure and the gross value added increased by **21.8%**.

Two sectors accounted for **74%** of the increase in turnover - manufacture of chemicals and chemical products; and manufacture of optical and electrical equipment (including computers). These two sectors accounted for **59%** of the increase in gross value added. See *Table 1*.

Employment in industrial enterprises increased by 11,455 to **276,352**. A total of €7041m was paid in wages and salaries.

These early estimates are based on a **59%** response rate to date to the Census of Industrial Production. The final response rate to the 1999 Census of Industrial Production was **84%**. See the *Background Notes* for details of the methodology used to estimate for non-respondents.

The provisional results of the 2000 Census of Industrial Production will be published in April 2002 and the detailed report will be published during the summer of 2002. The detailed 1999 Census of Industrial Production report was published in December 2001.

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Table 1 Number of Enterprises, Turnover, Gross Value Added, Wages and Salaries and Persons Employed in each Broad Industrial Sector

NACE Code	Industrial sector	Number of enterprises		Turnover		Gross value added		Wages and salaries		Persons employed	
		1999	2000	1999	2000	1999	2000	1999	2000	1999	2000
		No.	No.	€m	€m	€m	€m	€m	€m	No.	No.
10 – 14	Mining and quarrying	64	86	854	1,219	328	471	155	188	4,861	5,717
15 – 16	Manufacture of food products; beverages and tobacco	693	700	17,865	19,244	5,191	5,896	1,117	1,246	48,355	49,788
151 – 158	Manufacture of food products	652	660	13,915	14,920	2,565	3,033	883	987	41,522	42,823
151	Production, processing and preserving of meat and meat products	166	160	3,287	3,593	273	516	256	299	14,354	15,159
152	Processing and preserving of fish and fish products	85	89	336	391	65	79	42	44	2,645	2,702
153	Processing and preserving of fruit and vegetables	39	37	222	270	70	114	31	32	1,760	1,568
154, 158	Manufacture of vegetable and animal oils and fats; manufacture of other food products	227	235	5,345	5,834	1,603	1,627	252	303	11,217	12,228
155	Manufacture of dairy products	62	68	3,954	4,098	418	567	247	253	9,241	8,962
156	Manufacture of grain mill products, starched and starch products	11	11	144	139	28	26	12	13	454	432
157	Manufacture of prepared animal feeds	62	60	626	595	108	103	42	43	1,851	1,772
159	Manufacture of beverages	35	34	2,880	3,002	1,735	1,748	207	228	5,886	6,042
16	Manufacture of tobacco products	6	6	1,070	1,322	891	1,115	27	31	947	923
17 – 18	Manufacture of textiles and textile products	307	325	952	1,085	347	365	194	197	12,807	11,571
17	Manufacture of textiles	164	189	502	578	180	208	106	120	7,188	7,104
171	Preparation and spinning of textile fibres	7	6	92	101	32	31	19	19	980	981
172	Textile weaving	12	14	71	90	26	32	11	15	574	666
173, 174	Finishing of textiles; manufacture of made- up textile articles, except apparel	60	78	112	129	32	41	20	21	1,266	1,271
175	Manufacture of other textiles	43	44	133	141	53	57	33	35	1,605	1,546
177	Manufacture of knitted and crocheted articles	42	47	96	118	37	48	24	30	2,763	2,640

Table 1 Number of Enterprises, Turnover, Gross Value Added, Wages and Salaries and Persons Employed in each Broad Industrial Sector - continued

NACE Code	Industrial sector	Number of enterprises		Turnover		Gross value added		Wages and salaries		Persons employed	
		1999 No.	2000 No.	1999 €m	2000 €m	1999 €m	2000 €m	1999 €m	2000 €m	1999 No.	2000 No.
18	Manufacture of wearing apparel; dressing and dyeing of fur	143	136	450	408	167	156	88	76	5,619	4,467
181, 182	Manufacture of leather clothes and other wearing apparel and accessories	139	130	448	404	167	155	88	76	5,583	4,418
183	Dressing and dyeing of fur; manufacture of articles of fur	4	6	2	4	0	1	1	1	36	49
19	Manufacture of leather and leather products	25	28	77	85	25	24	15	13	957	740
191, 192	Tanning and dressing of leather; manufacture of luggage, handbags and the like, saddlery and harness	18	22	54	67	13	17	8	9	512	476
193	Manufacture of footwear	7	6	23	18	12	7	6	4	445	264
20	Manufacture of wood and wood products	248	300	764	870	226	262	105	127	5,586	6,217
201	Sawmilling and planing of wood, impregnation of wood	40	39	273	278	70	76	31	32	1,431	1,387
202	Manufacture of veneer sheets; plywood, laminboard, particle board, fibre board and other panels and boards	9	9	185	179	60	50	20	21	740	733
203	Manufacture of builders' carpentry and joinery	139	179	236	323	72	108	42	58	2,600	3,161
204	Manufacture of wooden containers	24	31	36	42	11	13	6	8	350	425
205	Manufacture of other products of wood and articles of cork, straw and plaiting materials	36	42	35	47	14	15	7	9	465	511
21 – 22	Manufacture of pulp, paper and paper products; publishing and printing	576	643	8,640	10,524	3,000	4,097	655	704	24,182	25,062
21	Manufacture of pulp, paper and paper products	109	119	735	809	294	314	124	139	4,703	4,992
211	Manufacture of pulp, paper and paperboard	10	11	32	37	12	15	5	6	206	208
212	Manufacture of articles of paper and paperboard	99	108	703	771	282	299	118	134	4,497	4,784

Table 1 Number of Enterprises, Turnover, Gross Value Added, Wages and Salaries and Persons Employed in each Broad Industrial Sector - continued

NACE Code	Industrial sector	Number of enterprises		Turnover		Gross value added		Wages and salaries		Persons employed	
		1999 No.	2000 No.	1999 €m	2000 €m	1999 €m	2000 €m	1999 €m	2000 €m	1999 No.	2000 No.
22	Publishing, printing and reproduction of recorded media	467	524	7,905	9,715	2,706	3,783	531	564	19,479	20,070
221	Publishing	91	115	515	578	303	306	130	133	4,075	4,319
222	Printing and service activities related to printing	343	372	828	878	384	417	213	217	9,276	9,083
223	Reproduction of recorded media	33	37	6,561	8,259	2,020	3,059	188	214	6,128	6,668
24	Manufacture of chemicals, chemical products and man-made fibres	207	214	18,899	24,177	10,054	11,653	693	718	22,958	22,831
241	Manufacture of basic chemicals	60	63	13,045	17,584	6,834	8,387	271	262	7,070	6,791
242	Manufacture of pesticides and other agro-chemical products	6	6	25	29	-1	0	3	4	168	168
243	Manufacture of paints, varnishes and similar coatings, printing inks and mastics	17	18	100	108	33	35	14	16	544	545
244	Manufacture of pharmaceuticals, medicinal chemicals and botanical products	60	60	4,159	4,840	2,581	2,637	227	249	8,259	8,572
245	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	30	30	600	658	271	278	73	76	3,204	3,113
246, 247	Manufacture of other chemical products; manufacture of man-made fibres	34	37	969	958	336	315	104	111	3,713	3,642
25	Manufacture of rubber and plastic products	279	293	1,192	1,307	450	507	216	232	10,590	10,761
251	Manufacture of rubber products	32	35	116	123	40	44	30	30	1,502	1,397
252	Manufacture of plastic products	247	258	1,076	1,184	410	463	187	202	9,088	9,364

Table 1 Number of Enterprises, Turnover, Gross Value Added, Wages and Salaries and Persons Employed in each Broad Industrial Sector - continued

NACE Code	Industrial sector	Number of enterprises		Turnover		Gross value added		Wages and salaries		Persons employed	
		1999 No.	2000 No.	1999 €m	2000 €m	1999 €m	2000 €m	1999 €m	2000 €m	1999 No.	2000 No.
26	Manufacture of other non-metallic mineral products	251	292	1,535	1,729	688	749	264	294	10,342	11,142
261	Manufacture of glass and glass products	49	57	470	546	250	284	111	120	3,848	4,247
262	Manufacture of non-refractory ceramic goods other than for construction purposes; manufacture of refractory ceramic products	26	30	62	74	25	29	15	17	830	876
263	Manufacture of ceramic tiles and flags	5	9	3	4	1	2	1	1	47	56
264	Manufacture of bricks, tiles and construction products in baked clay	6	5	26	23	12	10	5	6	231	219
265, 266	Manufacture of cement, lime and plaster; manufacture of articles of concrete, plaster and cement	106	123	827	928	351	370	111	127	4,300	4,656
267	Cutting, shaping and finishing of stone	51	58	70	81	28	33	14	16	790	833
268	Manufacture of other non-metallic mineral products	8	10	78	73	21	21	7	6	296	255
27 - 28	Manufacture of basic metals and fabricated metal products	583	686	1,679	1,989	596	739	344	398	15,681	17,307
27	Manufacture of basic metals	63	95	364	463	102	133	72	83	2,586	3,029
271 - 273	Manufacture of basic iron and steel and of ferro-alloys (ECSC); manufacture of tubes; other first processing of iron and steel and production of non-ECSC ferro-alloys	32	54	161	209	36	66	35	41	1,291	1,570
274	Manufacture of basic precious and non-ferrous metals	17	21	195	241	63	61	34	38	1,150	1,259
275	Casting of metals	14	20	9	13	3	6	2	5	145	200

Table 1 Number of Enterprises, Turnover, Gross Value Added, Wages and Salaries and Persons Employed in each Broad Industrial Sector - continued

NACE Code	Industrial sector	Number of enterprises		Turnover		Gross value added		Wages and salaries		Persons employed	
		1999 No.	2000 No.	1999 €m	2000 €m	1999 €m	2000 €m	1999 €m	2000 €m	1999 No.	2000 No.
28	Manufacture of fabricated metal products, except machinery and equipment	520	591	1,315	1,526	494	606	272	315	13,095	14,278
281	Manufacture of structural metal products	252	287	575	649	187	217	104	120	5,114	5,580
282, 283	Manufacture of tanks, reservoirs and containers of metals; manufacture of central heating radiators, boilers and steam generators	36	34	124	119	50	51	31	31	1,286	1,137
284	Forging, pressing, stamping and roll forming of metal; powder metallurgy	12	12	38	46	15	23	10	10	433	510
285	Treating and coating of metals; general mechanical engineering	52	78	64	93	34	50	22	29	1,162	1,422
286	Manufacture of cutlery, tools and general hardware	51	54	138	152	58	76	35	40	1,571	1,574
287	Manufacture of other fabricated metal products	117	126	375	467	151	189	71	85	3,529	4,055
29	Manufacture of machinery and equipment n.e.c.	362	385	1,605	1,785	645	707	313	339	14,468	14,430
291	Manufacture of machinery for the production and use of mechanical power, except aircraft, vehicle and cycle engines	54	57	307	332	146	148	67	72	2,736	2,771
292	Manufacture of other general purpose machinery	134	140	745	829	269	309	121	132	5,455	5,376
293	Manufacture of agricultural and forestry machinery	31	35	78	100	22	29	15	16	781	764
294	Manufacture of machine-tools	31	37	66	81	29	36	16	20	795	970
295	Manufacture of other special purpose machinery	96	100	177	187	78	75	44	48	2,014	2,003
297	Manufacture of domestic appliances n.e.c.	16	16	232	255	99	111	51	51	2,687	2,546
30 - 33	Manufacture of optical and electrical equipment	454	481	24,385	34,050	6,295	8,580	1,490	1,753	65,275	71,308
30	Manufacture of office machinery and computers	83	79	14,628	21,882	1,909	2,724	452	509	20,154	20,811

Table 1 Number of Enterprises, Turnover, Gross Value Added, Wages and Salaries and Persons Employed in each Broad Industrial Sector - continued

NACE Code	Industrial sector	Number of enterprises		Turnover		Gross value added		Wages and salaries		Persons employed	
		1999 No.	2000 No.	1999 €m	2000 €m	1999 €m	2000 €m	1999 €m	2000 €m	1999 No.	2000 No.
31	Manufacture of electrical machinery and apparatus n.e.c.	180	197	1,855	2,509	701	1,080	307	364	14,848	15,748
311	Manufacture of electric motors, generators and transformers	30	33	560	856	312	541	90	117	3,692	4,248
312	Manufacture of electricity distribution and control apparatus	60	69	423	711	183	300	77	96	3,984	4,367
313	Manufacture of insulated wire and cable	27	23	420	392	90	56	75	69	3,466	3,183
314	Manufacture of accumulators, primary cells and primary batteries	8	6	18	18	3	5	3	3	161	140
315	Manufacture of lighting equipment and electric lamps	26	31	34	35	14	15	8	8	438	417
316	Manufacture of electrical equipment n.e.c.	29	35	399	497	98	162	56	71	3,107	3,393
32	Manufacture of radio, television and communication equipment and apparatus	56	70	5,221	5,979	2,490	2,918	342	428	13,388	16,178
321	Manufacture of electronic valves and tubes and other electronic components	33	39	3,834	4,352	2,212	2,373	218	284	8,457	10,656
322	Manufacture of television and radio transmitters and apparatus for line telephony and line telegraphy	15	21	1,229	1,411	257	501	107	125	3,922	4,581
323	Manufacture of television and radio receivers, sound or video recording or reproducing apparatus and associated goods	8	10	158	217	21	44	17	20	1,009	941
33	Manufacture of medical, precision and optical instruments, watches and clocks	135	135	2,681	3,681	1,195	1,857	390	451	16,885	18,571
331	Manufacture of medical and surgical equipment and orthopaedic appliances	59	63	1,811	2,582	806	1,332	256	312	11,487	12,991
332	Manufacture of instruments and appliances for measuring, checking, testing, navigating and other purposes, except industrial process control equipment	44	42	368	476	148	213	46	54	1,954	2,023
333	Manufacture of industrial process control equipment	18	16	49	76	18	28	11	15	452	501
334, 335	Manufacture of optical instruments, photographic equipment, watches and clocks	14	14	452	546	223	284	77	72	2,992	3,056

Table 1 Number of Enterprises, Turnover, Gross Value Added, Wages and Salaries and Persons Employed in each Broad Industrial Sector - continued

NACE Code	Industrial sector	Number of enterprises		Turnover		Gross value added		Wages and salaries		Persons employed	
		1999 No.	2000 No.	1999 €m	2000 €m	1999 €m	2000 €m	1999 €m	2000 €m	1999 No.	2000 No.
34 - 35	Manufacture of transport equipment	115	118	963	1,085	363	444	201	228	7,982	7,996
34	Manufacture of motor vehicles, trailers and semi-trailers	69	72	457	473	127	150	63	75	3,304	3,392
341	Manufacture of motor vehicles	8	8	74	46	6	9	5	4	257	210
342	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	34	37	80	84	22	27	13	16	742	787
343	Manufacture of parts and accessories for motor vehicles and their engines	27	27	303	344	99	114	46	55	2,305	2,395
35	Manufacture of other transport equipment	46	46	506	611	237	294	137	152	4,678	4,604
351	Building and repairing of ships and boats	25	27	32	34	13	16	10	9	468	431
352, 353	Manufacture of railway and tramway locomotives, rolling stock, aircraft and spacecraft	14	13	453	548	215	270	123	139	3,949	3,924
354, 355	Manufacture of motorcycles, bicycles and other transport equipment n.e.c.	7	6	21	30	9	9	4	4	261	249
36 - 37, 23	Manufacture of furniture; manufacturing n.e.c.; recycling; manufacture of coke, refined petroleum products and nuclear fuel	424	541	1,300	1,557	528	782	216	241	11,008	11,689
36, 23	Manufacture of furniture; manufacturing n.e.c.; manufacture of coke, refined petroleum products and nuclear fuel	413	529	1,264	1,512	515	765	212	235	10,787	11,435
361	Manufacture of furniture	327	421	456	546	167	206	98	117	6,008	6,640
362, 365, 366, 232	Manufacture of jewellery and related articles; manufacture of games and toys; miscellaneous manufacturing n.e.c.; manufacture of refined petroleum products	69	92	741	906	319	531	102	109	4060	4307
363	Manufacture of musical instruments	6	7	4	5	2	2	1	1	49	61
364	Manufacture of sports goods	11	9	64	55	27	26	12	8	670	427
37	Recycling	11	12	36	45	13	17	5	6	221	254
371	Recycling of metal waste and scrap	6	5	22	20	5	5	3	3	133	112
372	Recycling of non-metal waste and scrap	5	7	14	25	8	12	2	3	88	142

Table 1 Number of Enterprises, Turnover, Gross Value Added, Wages and Salaries and Persons Employed in each Broad Industrial Sector - continued

NACE Code	Industrial sector	Number of enterprises		Turnover		Gross value added		Wages and salaries		Persons employed	
		1999	2000	1999	2000	1999	2000	1999	2000	1999	2000
		No.	No.	€m	€m	€m	€m	€m	€m	No.	No.
40	Electricity, gas, steam and hot water supply	11	18	2,153	2,319	1,325	1,326	377	365	9,845	9,793
1 - 4	All industries	4,599	5,110	82,864	102,923	30,060	36,601	6,356	7,041	264,897	276,352
1 - 3	Transportable goods industries	4,588	5,092	80,711	100,604	28,736	35,275	5,979	6,677	255,052	266,559
15 - 37	Manufacturing industries	4,524	5,006	79,857	99,386	28,408	34,804	5,824	6,489	250,191	260,842

Background Notes

Scope and Coverage This release presents early estimates for the 2000 Census of Industrial Production which covers manufacturing industry, mining and quarrying, together with electricity, gas and water supply. This inquiry is conducted under SI 17/1998.

Results are presented for industrial enterprises with 3 or more persons engaged.

The activity classification used in this release is the NACE Rev. 1 classification.

Definitions An *Enterprise* is defined as the smallest combination of legal units that is an organisational unit producing goods or services, which benefits from a certain degree of autonomy in decision making, especially for the allocation of its current resources (e.g. company, partnership, individual proprietorship, etc.). An enterprise may be a sole legal unit.

Persons Employed relates to a week in September and proprietors, directors and family members working in the business together with full-time and part-time employees are included. Outside piece-workers are also included. *Persons Engaged* excludes outside piece-workers.

Wages and Salaries is defined as the gross amount paid to employees before deduction of income tax, employees' contributions to social security, etc. It includes the earnings of outside piece-workers.

Turnover is the net amount (excluding VAT) invoiced to customers after deductions for trade and quantity discounts and allowances for returns but not cash discounts.

Gross Value Added is the *production value* (i.e. total turnover adjusted for changes in stocks and own-account capital assets) less *intermediate consumption* (i.e. total purchases adjusted for changes in stocks of materials and fuels).

Methodology To date there is a 59% response rate to the 2000 Census of Industrial Production. The 41% of enterprises for which estimates had to be made account for 19% of the total turnover and 22% of the total number of persons employed.

The numbers of persons employed in the non-respondent enterprises were estimated using data from the Quarterly Employment survey, the Prodcum inquiry, the 1999 Census of Industrial Production and, for new enterprises, the Register inquiry.

A year-on-year regression model was used to estimate for most non-respondents. Per person values (e.g. turnover per person) from the 2000 respondents were regressed on corresponding data for 1999. Estimates for 65% of non-respondents were derived using this method.

Data for the remaining non-respondents were estimated using donor imputation. This method involves the imputation of missing values using values from a respondent enterprise (donor) which is similar (in terms of the NACE classification and the number of persons employed) to the non-respondent enterprise.

The imputed turnover figures for the larger non-respondent enterprises were aligned with the turnovers returned to the Prodcum inquiry and/or the Monthly Turnover inquiry. The imputed gross value added data were scaled correspondingly.