

Results of the quantitative assessment of sectors at NACE 4 level (state of 29-04-09)

Calculations based on provisional data

<i>Nace 4 Description</i>	<i>Direct Costs / Gva %</i>	<i>Indirect Costs / Gva %</i>	<i>Total CO2 Costs / Gva %</i>	<i>Indirect Costs note</i>	<i>Gva note</i>	<i>Trade %</i>	<i>Trade note</i>
1010 Mining and agglomeration of hard coal	0,09		0,09			55,34	
1020 Mining and agglomeration of lignite	5,26		5,26	n/a		0,90	
1030 Extraction and agglomeration of peat			< 5 %	n/a	c	< 10 %	c
1110 Extraction of crude petroleum and natural gas	0,92	0,14	1,05	a		61,52	
1120 Service activities incidental to oil and gas extrac			< 5 %	n/a	c		n/a
1200 Mining of uranium and thorium ores							n/a
1310 Mining of iron ores			n/a	n/a	c	84,97	
1320 Mining of non-ferrous metal ores, except uraniu			< 5 %	a	c	86,42	
1411 Quarrying of stone for construction	1,31	1,23	2,53	a		44,19	05-06
1412 Quarrying of limestone, gypsum and chalk	3,95	2,16	6,11	a		4,36	05-06
1413 Quarrying of slate				n3		6,42	05-06

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1421 Operation of gravel and sand pits	0,10	0,83	0,93	a		3,74	
1422 Mining of clays and kaolin	0,23	2,49	2,72	n/a		49,02	05-06
1430 Mining of chemical and fertilizer minerals			> 5 % and < 30 %	a	c	61,09	05-06
1440 Production of salt	0,18	1,66	1,84	b		12,52	05-06
1450 Other mining and quarrying nec	0,43	3,22	3,65	a		181,96	05-06
1511 Production and preserving of meat	0,13	0,68	0,81	a		11,05	
1512 Production and preserving of poultrymeat	0,02	1,05	1,07	a		7,11	
1513 Production of meat and poultrymeat products	0,03	0,61	0,64	a		3,31	
1520 Processing and preserving of fish and fish prod	0,15	0,75	0,90	b		49,66	
1531 Processing and preserving of potatoes	0,41	0,65	1,05	05, n3, b		5,94	
1532 Manufacture of fruit and vegetable juice	0,29	0,87	1,16	a		19,00	
1533 Processing and preserving of fruit and vegetabl	0,35	0,64	0,99	a		21,52	
1541 Manufacture of crude oils and fats	2,33	0,80	3,13	a		49,51	

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1542 Manufacture of refined oils and fats	0,51	1,06	1,57	a		19,40	
1543 Manufacture of margarine and similar edible fat	0,37	0,16	0,53	05, n3, a		7,87	c(i)
1551 Operation of dairies and cheese making	0,37	1,00	1,37	a		7,63	
1552 Manufacture of ice cream	0,02	1,37	1,39	a		2,83	
1561 Manufacture of grain mill products	0,06	1,08	1,14	a		7,95	
1562 Manufacture of starches and starch products	3,36	1,75	5,11	a		16,37	
1571 Manufacture of prepared feeds for farm animals	0,22	1,33	1,56	a		2,79	
1572 Manufacture of prepared pet foods			< 5 %	05, n3, b	c	15,42	
1581 Manufacture of bread; manufacture of fresh pas	0,02	0,39	0,42	a		0,91	
1582 Manufacture of rusks and biscuits; manufacture	0,02	0,53	0,55	a		6,11	
1583 Manufacture of sugar	6,27	0,64	6,91	a		19,54	
1584 Manufacture of cocoa; chocolate and sugar con			< 5 %	a	c	12,50	
1585 Manufacture of macaroni, noodles, couscous a	0,08	0,68	0,76	a		10,64	

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1586 Processing of tea and coffee	0,08	0,29	0,37	a		20,55	
1587 Manufacture of condiments and seasonings		0,36	0,36	05, n3, b		10,13	
1588 Manufacture of homogenized food preparations			< 5 %	n3	c	25,13	
1589 Manufacture of other food products n.e.c.			< 5 %	a	c	20,03	
1591 Manufacture of distilled potable alcoholic bever	0,43		0,43	n/a		53,62	
1592 Production of ethyl alcohol from fermented mat	0,39		0,39	n3		17,01	
1593 Manufacture of wines	0,03	0,16	0,18	a, 05		31,47	
1594 Manufacture of cider and other fruit wines	0,02		0,02	n3		3,63	
1595 Manufacture of other non-distilled fermented be	0,21		0,21	n3		25,35	c(i)
1596 Manufacture of beer	0,23	0,50	0,73	a		7,15	
1597 Manufacture of malt		3,65	3,65	a, 05		30,89	
1598 Production of mineral waters and soft drinks	0,03	0,58	0,61	a		6,29	
1600 Manufacture of tobacco products	0,03		0,03			12,41	

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1711 Preparation and spinning of cotton-type fibres	0,30		0,30	n/a		41,34	n3
1712 Preparation and spinning of woollen-type fibres				n/a		41,34	n3
1713 Preparation and spinning of worsted-type fibres	0,06		0,06	n/a		41,34	n3
1714 Preparation and spinning of flax-type fibres	0,09		0,09	n/a		41,34	n3
1715 Throwing and preparation of silk, including from				n/a		41,34	n3
1716 Manufacture of sewing threads				n/a		41,34	n3
1717 Preparation and spinning of other textile fibres				n/a		41,34	n3
1721 Cotton-type weaving	0,15		0,15	n/a		54,95	n3
1722 Woollen-type weaving	0,30		0,30	n/a		54,95	n3
1723 Worsted-type weaving	0,02		0,02	n/a		54,95	n3
1724 Silk-type weaving	0,05		0,05	n/a		54,95	n3
1725 Other textile weaving	0,04		0,04	n/a		54,95	n3
1730 Finishing of textiles	0,39	0,99	1,38	b			n/a

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1740 Manufacture of made-up textile articles, except			< 5 %	b	c	83,07	
1751 Manufacture of carpets and rugs	0,11	1,02	1,13	a		31,27	
1752 Manufacture of cordage, rope, twine and netting			< 5 %	a, 05	c	39,13	
1753 Manufacture of non-wovens and articles made f		1,81	1,81	a		30,86	
1754 Manufacture of other textiles n.e.c.	0,04	0,77	0,81	a		37,40	
1760 Manufacture of knitted and crocheted fabrics	0,05	0,73	0,78	a		47,73	05-06
1771 Manufacture of knitted and crocheted hosiery	0,01	0,51	0,52	a		39,29	
1772 Manufacture of knitted and crocheted pullovers,			< 5 %	n/a	c	63,88	
1810 Manufacture of leather clothes			n/a	n/a	c	52,07	
1821 Manufacture of workwear	0,01		0,01	n/a		44,66	
1822 Manufacture of other outerwear	0,02	0,15	0,17	a		72,18	
1823 Manufacture of underwear		0,19	0,19	a		75,58	
1824 Manufacture of other wearing apparel and acce				n3		99,38	lq

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1830 Dressing and dyeing of fur; manufacture of artic		0,13	0,13	a		101,90	lq
1910 Tanning and dressing of leather	0,01	1,03	1,04	a		48,13	05-06
1920 Manufacture of luggage, handbags and the like,		0,17	0,17	a		87,49	
1930 Manufacture of footwear		0,25	0,25	b		59,29	
2010 Sawmilling and planing of wood; impregnation o	0,01	1,64	1,66	b		26,94	
2020 Manufacture of veneer sheets; manufacture of	1,57	2,74	4,31	a		23,84	
2030 Manufacture of builders' carpentry and joinery	0,05	0,37	0,42	a		9,02	
2040 Manufacture of wooden containers	0,00	0,46	0,47	b		7,38	
2051 Manufacture of other products of wood	0,04	0,36	0,39	a		25,97	
2052 Manufacture of articles of cork, straw and plaitin				n/a		36,85	
* 2111 Manufacture of pulp	4,65		4,65	n/a		46,13	05-06
* 2112 Manufacture of paper and paperboard	2,86	4,94	7,80	a		27,21	
* 2121 Manufacture of corrugated paper and paperboa	0,23	1,78	2,01	a		5,16	

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* 2122 Manufacture of household and sanitary goods a	0,59	3,08	3,66	a		12,81	
* 2123 Manufacture of paper stationery	0,33	0,68	1,01	a		9,37	c(i)
* 2124 Manufacture of wallpaper			< 5 %	a, 05	c	38,65	
* 2125 Manufacture of other articles of paper and pape	0,37	0,59	0,96	a		13,59	
2211 Publishing of books	0,00	0,10	0,10	a		17,42	
2212 Publishing of newspapers	0,01	0,16	0,17	b		0,24	
2213 Publishing of journals and periodicals	0,10		0,10	n3		2,90	
2214 Publishing of sound recordings				n/a		41,15	
2215 Other publishing	0,05		0,05	n/a		37,16	
2221 Printing of newspapers			< 5 %	05, n3, a	c	3,38	n3
2222 Printing n.e.c.	0,01	0,47	0,48	a		3,71	
2223 Bookbinding and finishing		0,51	0,51	a		3,38	n3
2224 Composition and plate-making				n3		6,44	

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2225 Other activities related to printing		0,12	0,12	05, n3, a		3,38	n3
2231 Reproduction of sound recording	0,01	0,81	0,82	05, n3, b			n/a
2232 Reproduction of video recording			< 5 %	05, n3, b	c		n/a
* 2310 Manufacture of coke oven products			> 30%	a	c	n/a	c
* 2320 Manufacture of refined petroleum products	13,68	1,38	15,06	b		17,33	
2330 Processing of nuclear fuel	0,01		0,01	n/a		47,45	
* 2411 Manufacture of industrial gases	0,67	8,26	8,93	a		4,17	05-06
* 2412 Manufacture of dyes and pigments	0,72	1,46	2,18	b		43,14	05-06
* 2413 Manufacture of other inorganic basic chemicals			< 5 %	a	c	40,56	
* 2414 Manufacture of other organic basic chemicals	1,83	2,10	3,93	a		60,62	
* 2415 Manufacture of fertilizers and nitrogen compoun	1,96	2,80	4,77	b		27,59	05-06
* 2416 Manufacture of plastics in primary forms	0,87	1,34	2,21	06, n3, b		29,52	05-06
* 2417 Manufacture of synthetic rubber in primary form	2,59	1,80	4,39	06, a		40,86	05-06

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* 2420 Manufacture of pesticides and other agro-chemi	0,94	0,41	1,35	b		41,32	
2430 Manufacture of paints, varnishes and similar co	0,03	0,37	0,40	b		20,75	c(i)
* 2441 Manufacture of basic pharmaceutical products			< 5 %	a	c	86,32	05-06
* 2442 Manufacture of pharmaceutical preparations	0,04	0,22	0,26	a		58,69	
* 2451 Manufacture of soap and detergents, cleaning a	0,19	0,45	0,64	a		23,09	c(i)
* 2452 Manufacture of perfumes and toilet preparation	0,00	0,35	0,35	a		45,32	
* 2461 Manufacture of explosives	0,11	0,31	0,42	06, n3, a		18,51	c(i)
* 2462 Manufacture of glues and gelatines	0,21	0,60	0,81	a		25,88	c(i)
* 2463 Manufacture of essential oils		0,31	0,31	a		77,02	
* 2464 Manufacture of photographic chemical material	0,34	1,17	1,51	a		65,68	
* 2465 Manufacture of prepared unrecorded media				05, n3, a		105,07	lq
* 2466 Manufacture of other chemical products n.e.c.	1,17	0,74	1,91	b		50,06	
2470 Manufacture of man-made fibres	1,45	3,14	4,59	b		35,39	05-06

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2511 Manufacture of rubber tyres and tubes	0,42	0,85	1,27	a		37,45	
2512 Retreading and rebuilding of rubber tyres			< 5 %	a	c	7,11	
2513 Manufacture of other rubber products	0,08	0,85	0,92	a		26,99	05-06
2521 Manufacture of plastic plates, sheets, tubes and	0,08	1,30	1,38	b		20,49	
2522 Manufacture of plastic packing goods	0,05	1,91	1,96	a		13,99	
2523 Manufacture of builders' ware of plastic	0,02	0,48	0,51	b		9,15	
2524 Manufacture of other plastic products	0,03	0,83	0,86	a		20,02	
* 2611 Manufacture of flat glass	5,08	2,03	7,11	a		21,01	
* 2612 Shaping and processing of flat glass	0,22	0,82	1,04	a		13,48	
* 2613 Manufacture of hollow glass	6,23	2,61	8,84	a		24,32	
* 2614 Manufacture of glass fibres	1,19	2,19	3,37	a		23,54	
* 2615 Manufacture and processing of other glass, incl	0,67	2,06	2,73	b		49,06	
* 2621 Manufacture of ceramic household and orname	0,06	0,63	0,69	a		57,09	

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* 2622 Manufacture of ceramic sanitary fixtures	0,09	0,42	0,51	a		30,21	
* 2623 Manufacture of ceramic insulators and insulatin	4,73		4,73	n/a		34,53	
* 2624 Manufacture of other technical ceramic product	0,23		0,23	n/a		54,57	
* 2625 Manufacture of other ceramic products	0,47		0,47	n/a		49,12	
* 2626 Manufacture of refractory ceramic products	1,39	0,83	2,22	b		37,36	
* 2630 Manufacture of ceramic tiles and flags	0,35	1,79	2,14	b		28,61	
* 2640 Manufacture of bricks, tiles and construction pr	3,35	1,72	5,07	b		2,69	
* 2651 Manufacture of cement	55,06	4,27	59,33	a		6,87	
* 2652 Manufacture of lime	42,08	3,07	45,15	a		2,56	
* 2653 Manufacture of plaster	0,68		0,68	n3		6,49	
2661 Manufacture of concrete products for constructi			< 5 %	a	c	3,47	
2662 Manufacture of plaster products for construction	0,12	1,01	1,13	a		5,69	
2663 Manufacture of ready-mixed concrete	0,13	0,43	0,56	a		0,05	

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2664 Manufacture of mortars	0,56		0,56	n3		2,09	
2665 Manufacture of fibre cement	0,02	1,04	1,06	05, n3, b		7,72	c(i)
2666 Manufacture of other articles of concrete, plaste		0,25	0,25	a		2,01	
2670 Cutting, shaping and finishing of stone	0,02	0,16	0,19	a		27,58	
2681 Production of abrasive products	0,03	0,48	0,51	a		40,49	
2682 Manufacture of other non-metallic mineral prod	0,60	1,20	1,80	b		17,91	
* 2710 Manufacture of basic iron and steel and of ferro	6,79	4,47	11,26	b		31,17	
* 2721 Manufacture of cast iron tubes	0,04		0,04	n3		27,96	05-06
* 2722 Manufacture of steel tubes	0,24	0,60	0,84	a		45,33	
* 2731 Cold drawing			< 5 %	n/a	c	32,57	05-06
* 2732 Cold rolling of narrow strip	0,16		0,16	n3		20,06	
* 2733 Cold forming or folding		0,28	0,28	a		4,94	c(i)
* 2734 Wire drawing	0,04	1,45	1,49	06, n3, a		22,86	

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* 2741 Precious metals production				n3		81,99	05-06
* 2742 Aluminium production	1,29	10,51	11,81	b		37,99	05-06
* 2743 Lead, zinc and tin production	0,19		0,19	n/a		31,49	05-06
* 2744 Copper production	0,01	2,39	2,40	b		40,06	05-06
* 2745 Other non-ferrous metal production	0,02	1,96	1,98	a		80,33	05-06
* 2751 Casting of iron	0,71		0,71	n3			n/a
* 2752 Casting of steel	10,44	1,24	11,68	a			n/a
* 2753 Casting of light metals	2,01	1,12	3,12	06, n3, a			n/a
* 2754 Casting of other non-ferrous metals	0,08	1,44	1,51	a			n/a
2811 Manufacture of metal structures and parts of str	0,04	0,17	0,21	a		8,28	
2812 Manufacture of builders' carpentry and joinery o		0,13	0,13	a		3,34	
2821 Manufacture of tanks, reservoirs and containers	0,00	0,28	0,29	a		14,55	
2822 Manufacture of central heating radiators and boi	0,02	0,31	0,32	a		15,35	

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2830 Manufacture of steam generators, except centr	0,07	0,20	0,27	b		18,13	
2840 Forging, pressing, stamping and roll forming of	0,02	0,79	0,81	b			n/a
2851 Treatment and coating of metals	0,02	0,87	0,89	05, n3, a			n/a
2852 General mechanical engineering	0,06	0,29	0,34	a			n/a
2861 Manufacture of cutlery				n/a		66,78	
2862 Manufacture of tools			< 5 %	b	c	44,16	
2863 Manufacture of locks and hinges	0,02	0,29	0,31	06, n3, a		29,77	c(i)
2871 Manufacture of steel drums and similar contain	0,00	0,46	0,46	05, n3, a		17,78	
2872 Manufacture of light metal packaging	0,01	0,97	0,98	a		11,06	
2873 Manufacture of wire products		0,78	0,78	a		21,23	
2874 Manufacture of fasteners, screw machine produ				n/a		36,16	
2875 Manufacture of other fabricated metal products	0,16	0,24	0,40	a		37,22	
2911 Manufacture of engines and turbines, except air	0,12	0,28	0,40	a		51,36	

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2912 Manufacture of pumps and compressors			< 5 %	b	c	47,50	
2913 Manufacture of taps and valves	0,01	0,24	0,25	05, b		47,19	
2914 Manufacture of bearings, gears, gearing and dri	0,01	0,43	0,44	05, b		39,10	
2921 Manufacture of furnaces and furnace burners		0,19	0,19	a		56,75	
2922 Manufacture of lifting and handling equipment	0,01	0,15	0,15	a		26,59	
2923 Manufacture of non-domestic cooling and ventil	0,01	0,14	0,15	a		34,58	
2924 Manufacture of other general purpose machiner	1,77	0,19	1,96	n/a		47,13	
2931 Manufacture of agricultural tractors	0,05	0,28	0,33	a		32,77	
2932 Manufacture of other agricultural and forestry m	0,00	0,20	0,20	a		31,36	
2941 Manufacture of machine-tools			< 5 %	05, b	c	73,43	
2942 Manufacture of machine-tools	0,00		0,00	n/a		48,59	
2943 Manufacture of machine-tools	0,00	0,17	0,17	05, b		48,09	
2951 Manufacture of machinery for metallurgy	0,06	0,25	0,30	a		42,15	

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2952 Manufacture of machinery for mining, quarrying	0,03	0,18	0,21	a		62,98	
2953 Manufacture of machinery for food, beverage a	0,00	0,13	0,13	a		43,65	
2954 Manufacture of machinery for textile, apparel an	0,01		0,01	n/a		75,02	
2955 Manufacture of machinery for paper and paperb				n/a		46,58	
2956 Manufacture of other special purpose machiner	0,01	0,13	0,14	b		48,97	
2960 Manufacture of weapons and ammunition	0,05	0,27	0,32	b		43,31	
2971 Manufacture of electric domestic appliances	0,01	0,32	0,33	a		40,64	
2972 Manufacture of non-electric domestic appliance		0,19	0,19	a		28,18	c(i)
3001 Manufacture of office machinery		0,65	0,65	b		89,74	
3002 Manufacture of computers and other informatio	0,10	0,17	0,27	b		83,57	
3110 Manufacture of electric motors, generators and	0,02	0,58	0,60	b		43,86	
3120 Manufacture of electricity distribution and contro	0,28	0,16	0,44	b		39,28	
3130 Manufacture of insulated wire and cable	0,01	1,19	1,20	b		32,63	

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3140 Manufacture of accumulators, primary cells and		1,46	1,46	b		54,87	
3150 Manufacture of lighting equipment and electric l	0,19	0,26	0,45	b		41,31	
3161 Manufacture of electrical equipment for engines	0,00	0,37	0,37	a		21,12	
3162 Manufacture of other electrical equipment n.e.c.	0,05	0,39	0,44	a		44,95	
3210 Manufacture of electronic valves and tubes and	0,03	0,82	0,85	b		81,41	
3220 Manufacture of television and radio transmitters		0,16	0,16	b		76,24	
3230 Manufacture of television and radio receivers, s		0,23	0,23	a		70,89	
3310 Manufacture of medical and surgical equipment	0,01	0,19	0,20	b		72,74	
3320 Manufacture of instruments and appliances for		0,18	0,18	b		59,77	
3330 Manufacture of industrial process control equip		0,07	0,07	b			
3340 Manufacture of optical instruments and photogr		0,32	0,32	b		68,30	
3350 Manufacture of watches and clocks		0,22	0,22	b		107,50	
3410 Manufacture of motor vehicles	0,15	0,39	0,54	b		30,84	

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3420 Manufacture of bodies (coachwork) for motor ve	0,02	0,21	0,23	b		11,67	
3430 Manufacture of parts and accessories for motor	0,01	0,55	0,56	b		24,75	
3511 Building and repairing of ships	2,62	0,49	3,12	a		70,12	
3512 Building and repairing of pleasure and sporting			< 5 %	a	c	61,96	
3520 Manufacture of railway and tramway locomotive	0,05	0,24	0,29	b		16,54	
3530 Manufacture of aircraft and spacecraft	0,04	0,22	0,26	b		79,71	
3541 Manufacture of motorcycles	0,04	0,92	0,96	06, n3, a		52,67	
3542 Manufacture of bicycles		0,29	0,29	a		50,41	
3543 Manufacture of invalid carriages			< 5 %	05, b	c	34,98	
3543 Manufacture of invalid carriages			< 5 %	05, b	c	34,98	
3550 Manufacture of other transport equipment n.e.c.	1,30	0,40	1,70	b		36,60	
3611 Manufacture of chairs and seats	0,01	0,28	0,30	a		20,41	
3612 Manufacture of other office and shop furniture	0,00	0,33	0,33	a		10,57	

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3613 Manufacture of other kitchen furniture	0,00	0,37	0,37	a		7,27	
3614 Manufacture of other furniture	0,01	0,42	0,43	a		28,52	
3615 Manufacture of mattresses			< 5 %	a	c	8,29	
3621 Striking of coins and medals			< 5 %	n/a	c	49,35	
3622 Manufacture of jewellery and related articles n.e				n3		102,62	lq
3630 Manufacture of musical instruments	0,01	0,14	0,15	b		79,06	
3640 Manufacture of sports goods	0,01	0,41	0,42	b		66,55	
3650 Manufacture of games and toys			< 5 %	b	c	76,11	
3661 Manufacture of imitation jewellery	0,38		0,38	n/a		88,18	
3662 Manufacture of brooms and brushes		0,36	0,36	a		43,27	
3663 Other manufacturing n.e.c.	0,26	0,44	0,71	05, n3,a		60,41	
3710 Recycling of metal waste and scrap		0,53	0,53	b			

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