

## Annual Industrial Products Survey 2018

# MANUFACTURE OF BASIC PRODUCTS, TUBES AND OTHER ACTIVITIES IN THE TRANSFORMATION OF IRON, STEEL AND FERRO-ALLOYS

**Sector 51**  
**CNAE 24.1/2/3**

DENOMINATION	PRODCOM CODE	UNIT	QUANTITY	VALUE (Thousands of euros)
<b>Pig iron and spiegeleisen in pigs, blocks or other primary forms</b>	2410110004	tonnes	(*)	(*)
<b>Ferro-alloys</b>				
<b>Ferro-manganese</b>	2410121507	tonnes	(*)	(*)
<b>Ferro-silicon</b>	2410123007	tonnes	(*)	(*)
<b>Ferro-silico-manganese</b>	2410124501	tonnes	157,150	167,000
<b>Ferro-chromium</b>	2410126000	tonnes	0	0
<b>Ferro-molybdenum</b>	2410127504	tonnes	0	0
<b>Others</b>	2410129004	tonnes	50,599	103,005
<b>Ferrous products obtained by the direct reduction of iron minerals, and other spongy ferrous products, in pieces, granules or similar forms</b>	2410130002	tonnes	0	0
<b>Granules and powders, of pig iron, spiegeleisen, iron or steel</b>	2410141009	tonnes	(*)	(*)
<b>Ingots of iron or steel scraps (except of pig iron, spiegeleisen or ferro-alloy products)</b>	2410142007	kg	22,081,123	5,519
<b>Ingots and primary forms</b>				
<b>Non-alloyed steel</b>				
Productos planos intermedios				
Produced in electric furnaces	2410211016	tonnes	0	0
Produced in other furnaces	2410211025	tonnes	(*)	(*)
Ingots, other primary forms and intermediate long products				
Para tubos sin soldaduras				
Produced in electric furnaces	2410212111	tonnes	0	0
Produced in other furnaces	2410212120	tonnes	0	0
Los demás				
Produced in electric furnaces	2410212216	tonnes	569,260	262,987
Produced in other furnaces	2410212225	tonnes	(*)	(*)
<b>Stainless steel</b>				
Productos planos intermedios				
Produced in electric furnaces	2410221015	tonnes	0	0
Produced in other furnaces	2410221024	tonnes	0	0
Ingots, other primary forms and intermediate long products				
Para tubos sin soldaduras				
Produced in electric furnaces	2410222110	tonnes	0	0
Produced in other furnaces	2410222129	tonnes	0	0
Los demás				
Produced in electric furnaces	2410222215	tonnes	(*)	(*)
Produced in other furnaces	2410222224	tonnes	0	0
<b>Other alloyed steels (except stainless)</b>				
Productos planos intermedios				
Produced in electric furnaces	2410231014	tonnes	0	0
Produced in other furnaces	2410231023	tonnes	0	0
Ingots, other primary forms and intermediate long products				
Para tubos sin soldaduras				
Produced in electric furnaces	2410232119	tonnes	0	0
Produced in other furnaces	2410232128	tonnes	0	0
Los demás				
Produced in electric furnaces	2410232214	tonnes	(*)	(*)
Produced in other furnaces	2410232223	tonnes	0	0
<b>Sheet sections hot-rolled without any other preparation</b>				
<b>Non-alloyed steel with width &gt;=600 mm.</b>				
In reels	2410311003	tonnes	1,074,511	594,614
Not rolled				
With relief designs				

	2410313009	tonnes	0	0
Without relief motifs	2410315004	tonnes	(*)	(*)
<b>Non-alloyed steel with width &lt;600 mm.</b>				
Wide planes ("universal planes")	2410321002	tonnes	0	0
Others	2410323008	tonnes	(*)	(*)
<b>Stainless steel with width &gt;=600 mm.</b>				
Flat, rolled products				
Designed for relamination	2410331001	tonnes	0	0
Others	2410332009	tonnes	(*)	(*)
Plates				
Produced by wideband cutting	2410333007	tonnes	(*)	(*)
Quartered sheets and universal plates	2410334005	tonnes	(*)	(*)
<b>Stainless steel with width &lt;600 mm.</b>				
Rolled				
Designed for relamination	2410341000	tonnes	0	0
Others	2410342008	tonnes	(*)	(*)
<b>Made of another alloyed steel with width &gt;=600 mm.</b>				
In reels				
Steel for tools (except high-speed steel or magnetic steel silicon)	2410351009	tonnes	0	0
High speed steel	2410352007	tonnes	0	0
Not rolled				
For tools (except those that are organic-coated, those with a thickness < 4.75 mm and those made of high-speed steel or magnetic steel silicon)	2410353005	tonnes	0	0
Others of a thickness < 4.75 mm (except steel for tools, high-speed steel or silicon magnetic steel)	2410354003	tonnes	0	0
Others worked (except galvanised and magnetic steel with silicon)	2410355000	tonnes	0	0
<b>Other alloyed steel and width &lt; 600 mm, except silicon magnetic steel</b>	2410360000	tonnes	0	0
<b>Cold-rolled sheets without any other preparation and with width &gt;=600 mm.</b>				
<b>Un-alloyed steel</b>				
Uncoated sheets, bands and strips	2410411008	tonnes	604,172	387,216
Magnetic sheets and strips without final annealing	2410413004	tonnes	0	0
Magnetic sheets and strips of non-oriented grain	2410415009	tonnes	0	0
<b>Stainless steel (sheets and broad strips)</b>	2410420009	tonnes	311,938	678,549
<b>Other alloyed steel (sheets and strips)</b>	2410430008	tonnes	0	0
<b>Surfaced or covered sheets and strips</b>				
<b>Non-alloyed steel with width &gt;=600 mm.</b>				
Tin and other tin-plated sheets and strips, including electrolytically chromed steel	2410511001	tonnes	(*)	(*)
Electrolytically zinc-plated	2410512009	tonnes	(*)	(*)
Sheets and strips covered in metal by hot-dipping	2410513007	tonnes	(*)	(*)
Veneer sheets coated in organic material	2410514005	tonnes	(*)	(*)
Others	2410515002	tonnes	(*)	(*)
<b>Alloyed steel (except stainless) with width &gt;=600 mm.</b>				
Electrolytically zinc-plated, hot- or cold- laminate (except those of magnetic steel with silicon)	2410521000	tonnes	(*)	(*)
Other galvanized (except electrolytically galvanised and those made of silicon magnetised steel)	2410523006	tonnes	0	0
<b>Magnetic steel with silicon with width &gt;=600 mm.</b>				
Magnetic sheets and strips of oriented grain	2410531009	tonnes	0	0
Others (non oriented grain)	2410533005	tonnes	0	0
<b>Magnetic steel with silicon with width &lt;600 mm.</b>				
Oriented grain cut strip	2410541008	tonnes	0	0
Others of non-oriented grain	2410543004	tonnes	0	0
<b>High speed steel and with a width &lt; 600 mm</b>	2410550009	tonnes	0	0
<b>Rolled steel bars and rods</b>				
<b>Un-alloyed steel wire</b>				
With nervures or other deformities produced in the rolling	2410611004	tonnes	(*)	(*)
Easily machinable steel	2410612002	tonnes	(*)	(*)
Of the type used for concrete frameworks with cold-formed ribs	2410613000	tonnes	(*)	(*)
Of the type used for reinforcing tyres	2410614008	tonnes	0	0
Others	2410619007	tonnes	1,982,261	1,087,855
<b>Un-alloyed hot-rolled steel bars</b>				
Rods for concrete	2410621003	tonnes	1,809,047	878,249
Easily machinable steel	2410623009	tonnes	(*)	(*)
Others, excluding hollow bars for drilling (except easily mechanised steel bars)	2410625004	tonnes	110,274	101,620
<b>Stainless steel hot-rolled wire rod</b>	2410630004	tonnes	(*)	(*)
<b>Hot-rolled stainless steel bars</b>				
Round bars	2410641001	tonnes	84,024	259,567
Other bars without other preparation (except circular section bars)	2410643007	tonnes	(*)	(*)
Forged bars	2410645002	tonnes	(*)	(*)
Other cold-obtained or cold-finished and hot-worked or hot-finished and worked (except forged) (1)	2410647008	tonnes	(*)	(*)
<b>Alloyed steel sections (except stainless)</b>				
High speed steel, hot-rolled	2410651000	tonnes	0	0

From steel silicon-manganese	2410653006	tonnes	0	0
Hot rolling for bearings	2410655001	tonnes	(*)	(*)
Others	2410657007	tonnes	0	0
<b>Alloyed steel bars (except stainless), hot-rolled sheets</b>				
High speed steel	2410661009	tonnes	(*)	(*)
In silicon-manganese	2410662007	tonnes	0	0
Steel for bearings	2410663005	tonnes	(*)	(*)
Steel for tools	2410664003	tonnes	(*)	(*)
Others (except hollow for drilling)	2410665000	tonnes	(*)	(*)
Bars and flat bars, with a cold finish, plated, covered or otherwise worked (1)	2410666008	tonnes	0	0
<b>Hollow bars for drilling</b>	2410670000	tonnes	0	0
<b>Sheet sections hot-rolled</b>				
<b>Un-alloyed steel</b>				
In U, with a height of >= 80 MM	2410711000	tonnes	372,996	205,084
In I, with a height of >= 80 MM	2410712008	tonnes	1,396,899	762,358
In H, with a height of >= 80 MM	2410713006	tonnes	989,600	556,001
Other hot-rolled sections	2410714004	tonnes	784,186	437,230
<b>Stainless steel</b>	2410720001	tonnes	9,111	24,516
<b>Alloyed steel (except stainless)</b>	2410730000	tonnes	(*)	(*)
<b>Steel sheet piles</b>	2410741007	tonnes	0	0
<b>Sections obtained cold for soldering</b>	2410742005	tonnes	(*)	(*)
<b>Steel elements for rail tracks</b>	2410750008	tonnes	(*)	(*)
<b>Steel tubes, pipes and hollow section, unwelded</b>				
<b>Used in oil and gas pipelines</b>				
Stainless steel	2420111001	tonnes	(*)	(*)
Others	2420115002	tonnes	(*)	(*)
<b>Casing, piping and drilling tubes for petroleum and natural gas extraction</b>				
Stainless steel	2420121000	tonnes	0	0
Others	2420125001	tonnes	0	0
<b>Other circular tubes</b>				
Stainless steel	2420131009	tonnes	26,874	206,544
Precision, wire drawn or cold rolled (except stainless steel)	2420133005	tonnes	18,586	43,396
Cold-sectioned or rolled, except those made of stainless steel (except precision)	2420135000	tonnes	16,696	30,286
Hot finishes (except stainless steel)	2420137006	tonnes	169,131	200,154
<b>Non-circular cross-section tubes and hollow sections</b>	2420140000	tonnes	72,499	60,271
<b>Circular welded steel tubes with external diameter &gt; 406.4 mm</b>				
<b>Used in oil or gas pipelines</b>				
Soldered lengthwise	2420211006	tonnes	(*)	(*)
Not soldered lengthwise	2420215007	tonnes	0	0
<b>Casing pipes, tubing pipes, used for extracting petroleum and gas</b>	2420220007	tonnes	0	0
<b>Others (except those used in oil or gas pipelines and for the extraction of petroleum or gas)</b>	2420230006	tonnes	10,742	9,977
<b>Other tubes with edges that are drawn together, clinched or closed in a similar way</b>	2420240005	tonnes	(*)	(*)
<b>Welded steel Tubes with a diameter &lt;= 406.4 mm</b>				
<b>Used in oil or gas pipelines</b>				
Stainless steel, soldered lengthwise or helicoidally	2420311002	tonnes	(*)	(*)
Non-stainless steel, solderer lengthwise or helicoidally	2420315003	tonnes	(*)	(*)
<b>Casing, piping and drilling tubes used for petroleum and natural gas extraction</b>				
Stainless steel	2420321001	tonnes	0	0
Stainless steel	2420325002	tonnes	0	0
<b>Other circular</b>				
Stainless steel except for oil pipelines, gas pipelines and for quarrying petroleum and gas	2420331000	tonnes	21,131	64,249
Steel precision (except stainless)	2420334004	tonnes	143,140	186,455
Steel that is obtained and hot or cold soldered (except stainless)	2420337007	tonnes	221,493	184,330
<b>Non-circular tubes</b>				
Stainless steel	2420341009	tonnes	(*)	(*)
Square or rectangular steel (except stainless)				
Thickness <= 2 MM	2420343005	tonnes	174,603	136,314
Thickness > 2 mm	2420345000	tonnes	182,664	117,636
Other steel (except stainless)	2420347006	tonnes	(*)	(*)
<b>Other tubes with edges that are drawn together, clinched or closed in a similar way</b>	2420350000	tonnes	25,053	17,004
<b>Uncast steel piping fittings</b>				
<b>Bridles</b>	2420401008	tonnes	25,900	60,725
<b>Bends, couplings, sleeves and other accessories</b>				
For threaded tubes	2420403004	tonnes	5,844	21,511
For soldered tubes	2420405009	tonnes	1,115	13,496
<b>For butt welding</b>				
Elbows and curves	2420407303	tonnes	406	5,073

Others	2420407501	tonnes	966	3,332
<b>Cold-drawn</b>				
<b>Unalloyed steel bars and flat bars</b>				
Easily machinable steel (1)	2431101009	tonnes	81,211	64,985
Bars C < 0.25 % < 0.25 % in weight, square section (1)	2431102007	tonnes	(*)	(*)
Sheet bars C < 0.25% in weight, of a rectangular section (1)	2431103005	tonnes	57,069	40,713
Tin plated, covered or worked (1)	2431104003	tonnes	0	0
Bars C >= 0.25% in weight (1)	2431105000	tonnes	65,679	58,595
<b>Un-alloyed steel sections (1)</b>	2431106008	tonnes	29,582	28,227
<b>Bars and flat bars of other alloyed steels (except stainless)</b>				
High speed steel and silicon-manganese (1)	2431201004	tonnes	(*)	(*)
For bearings (1)	2431202002	tonnes	(*)	(*)
For tools (1)	2431203000	tonnes	(*)	(*)
Other fast, in silicon-manganese for bearings and tools (1)	2431204008	tonnes	(*)	(*)
<b>Alloyed steel sections (except stainless) (1)</b>	2431205005	tonnes	0	0
<b>Stainless steel bars and sections (1)</b>	2431300002	tonnes	70,236	194,028
<b>Cold rolling</b>				
<b>Unsheathed and width &lt; 600 mm</b>				
Strips of unalloyed steel				
Carbon content < 0.25% in weight	2432101104	tonnes	120,043	122,556
0.25 <= carbon content < 0.6% in weight	2432101209	tonnes	(*)	(*)
Carbon content >= 0.6 in weight	2432101400	tonnes	(*)	(*)
Strips of alloyed steel (except stainless and magnetic)				
2432101606	tonnes	(*)	(*)	
Strips of stainless steel (except insulated magnetic), corrugated strips with a serrated, bevelled edge				
2432101808	tonnes	(*)	(*)	
Cut strips (except stainless steel and magnetic)				
2432102207	tonnes	0	0	0
Flat products made of iron or unalloyed steel, with a carbon content < 0.25% in weight				
2432102501	tonnes	(*)	(*)	
Stainless steel cut strip				
2432102806	tonnes	0	0	0
Flat products of alloyed steel (except high speed steel or magnetic steel with silicon)				
Electrolytically zinc-plated				
2432103003	tonnes	0	0	0
Zinc-plated, except electrolytically				
2432104001	tonnes	0	0	0
Worked (except zinc-plated)				
2432105008	tonnes	0	0	0
<b>Plated, sheathed or coated and width &lt; 600</b>				
Strips of un-alloyed steel (except magnetic)				
2432201002	tonnes	(*)	(*)	
Sheets and strips coated by hot-dipping or electrolysis				
2432202000	tonnes	89,828	147,645	
Veneer sheets coated in organic material				
2432203008	tonnes	(*)	(*)	
Cut strips				
Hot-dipped				
2432204006	tonnes	0	0	0
Electrolytically with metal				
2432205003	tonnes	0	0	0
Organic material				
2432206001	tonnes	0	0	0
<b>Cold formed or folded products of iron, non-alloy steel or stainless steel</b>				
<b>Unalloyed steel</b>				
Sections starting as flat, uncovered products				
2433111004	tonnes	28,818	21,413	
Sections starting as galvanized flat products				
2433113000	tonnes	211,140	189,559	
Other sections worked or simply forged or obtained hot by other means and worked (except flat rolled products)				
2433115005	tonnes	(*)	(*)	
<b>Stainless steel</b>				
Sections starting as flat products				
2433120005	tonnes	499	2,012	
<b>Cold-shaped veneer sheets in non-alloyed steel</b>				
2433200002	tonnes	84,500	87,751	
<b>Multiple panels comprised of 2 sheet parameters with ribs and an insulating core</b>				
2433300008	tonnes	249,908	539,751	
<b>Cold-drawn. Wire</b>				
<b>Unalloyed steel</b>				
C < 0.25 %				
2434113008	tonnes	272,361	200,543	
0.25 % <= C < 0.6 %				
2434115003	tonnes	132,480	101,051	
C >= 0.6 %				
2434117009	tonnes	23,315	26,956	
<b>Stainless steel</b>				
2434120003	tonnes	(*)	(*)	
<b>Alloyed steel (except stainless)</b>				
2434130002	tonnes	23,547	28,765	

## MANUFACTURE AND FIRST PROCESSING OF PRECIOUS AND OTHER NON-FERROUS METALS

Sector 52

CNAE 24.4

DENOMINATION	PRODCOM CODE	UNIT	QUANTITY	VALUE (Thousands of euros)
<b>Precious metals</b>				
<b>Silver (including gilt and silver plated with platinum)</b>				
Unwrought or powdered (1)	2441103004	kg	89,980	37,575

Semi-machined (1)	2441105009	kg	(*)	(*)
<b>Gold (including platinum-plated)</b>				
Unwrought or powdered (1)	2441203009	kg	10,083	338,170
Semi-machined (1)	2441205004	kg	32,465	312,122
For monetary use (1)	2441207000	kg	0	0
<b>Platinum</b>				
Unwrought or powdered (1)	2441303005	kg	(*)	(*)
In semi-machined forms (1)	2441305000	kg	(*)	(*)
Catalytic converters in the form of tiles or railings	2441307006	kg	0	0
<b>Plated</b>				
Gold over common metals or silver, unwrought or semi-machined (1)	2441400006	kg	0	0
Silver over common metals, unwrought or semi-machined (1)	2441503003	kg	0	0
Platinum over common metals, unwrought or semi-machined (1)	2441505008	kg	0	0
<b>Aluminium</b>				
<b>Unwrought, non-alloyed aluminium (1)</b>	2442113001	tonnes	(*)	(*)
<b>Aluminium alloys</b>	2442115409	tonnes	735,314	1,360,748
<b>Aluminium-oxide (excluding artificial corundum Sector 50) (1)</b>	2442120006	tonnes	(*)	(*)
<b>Aluminium powders and particles (1)</b>	2442210002	tonnes	31,675	7,551
<b>Aluminium bars and sections</b>				
Un-alloyed (1)	2442223005	tonnes	36,548	74,015
Alloyed (1)	2442225000	tonnes	392,067	1,269,355
<b>Aluminium wire</b>				
Un-alloyed (1)	2442233004	tonnes	(*)	(*)
Alloyed (1)	2442235009	tonnes	26,319	40,645
<b>Aluminium sheets and strips</b>				
Thickness > 0.2 mm., un-alloyed (1)	2442243003	tonnes	0	0
Thickness > 0.2 mm., alloyed (1)	2442245008	tonnes	279,550	682,351
<b>Thin aluminium sheets and strips (including those printed or with a paper, cardboard, plastic or similar support) of a thickness &lt;= 0.2 mm., excluding supports (1)</b>	2442250008	tonnes	47,807	216,270
<b>Aluminium tubes</b>				
Un-alloyed (1)	2442263001	tonnes	1,504	3,703
Alloyed (1)	2442265006	tonnes	926	4,427
<b>Aluminium piping fittings (gas pipe pliers, elbows or sleeves) (1)</b>	2442267002	tonnes	578	2,893
<b>Lead, zinc and tin</b>				
<b>Unrefined lead</b>				
Refined (1)	2443113009	tonnes	(*)	(*)
With antimony (1)	2443115004	tonnes	(*)	(*)
Others (1)	2443119006	tonnes	39,858	67,060
<b>Unrefined zinc</b>				
Un-alloyed (1)	2443123008	tonnes	405,990	976,676
Alloyed (1)	2443125003	tonnes	121,453	349,519
<b>Unrefined tin</b>				
Un-alloyed (1)	2443133007	tonnes	(*)	(*)
Alloyed (1)	2443135002	tonnes	(*)	(*)
<b>Lead plates, sheets and strips; powders and particles (1)</b>	2443210000	tonnes	(*)	(*)
<b>Zinc powders and particles (1)</b>	2443220009	tonnes	0	0
<b>Zinc bars, sections, wires, plate, sheets and bands (1)</b>	2443230008	tonnes	(*)	(*)
<b>Tin bars, sections and wires (1)</b>	2443240007	tonnes	(*)	(*)
<b>Copper</b>				
<b>Copper mattes and cement copper (precipitated copper) (1)</b>	2444110003	tonnes	(*)	(*)
<b>Unrefined copper; copper anodes for electrolytic refinement (1)</b>	2444120002	tonnes	(*)	(*)
<b>Unwrought, refined copper, non-alloyed (1)</b>	2444133005	tonnes	(*)	(*)
<b>Unwrought copper alloys (1)</b>	2444137006	tonnes	18,090	75,168
<b>Copper powders and particles (1)</b>	2444210008	tonnes	(*)	(*)
<b>Copper bars and sections (1)</b>	2444220007	tonnes	67,086	172,628
<b>Refined copper wires</b>				
Cross section > 6 mm., and alloys (1)	2444233000	tonnes	305,244	1,280,372
Cross section between 0.5 mm and 6 mm. (1)	2444235005	tonnes	53,653	177,306
Cross section <= 0.5 mm. (1)	2444237001	tonnes	(*)	(*)
<b>Copper sheets and strips of a thickness &gt; 0.15 mm. (1)</b>	2444240005	tonnes	(*)	(*)
<b>Thin copper sheets and strips of a thickness &lt;= 0.15 mm. (except supports) (1)</b>	2444250004	tonnes	0	0
<b>Copper tubes and piping (1)</b>	2444263007	tonnes	19,954	103,247
<b>Copper piping fittings (gas pipe pliers, elbows and sleeves) (1)</b>	2444265002	tonnes	2,086	19,359
<b>Nickel</b>				
<b>Nickel mattes, 'sinters' made of nickel and oxides and other intermediate products derived from nickel metallurgy (1)</b>	2445120009	kg	(*)	(*)
<b>Nickel, unwrought (1)</b>	2445110000	kg	0	0
<b>Nickel powders and particles (1)</b>	2445210005	kg	0	0
<b>Nickel bars, sections and wires (1)</b>	2445220004	kg	0	0
<b>Nickel sheets and strips (1)</b>	2445230003	kg	0	0
<b>Nickel tubes and piping and accessories thereof (tube fittings, ends or</b>	2445240002	kg	0	0

sleeves) (1)				
<b>Other common metals; "cermets"; and their products (except waste and leftovers)</b>				
Wolfram (tungsten) (1)	2445301308	kg	0	0
Molybdenum (1)	2445301705	kg	0	0
Tantalum (1)	2445302306	kg	0	0
Magnesium (1)	2445302504	kg	0	0
Cobalt: dross, intermediate products and products (1)	2445302703	kg	0	0
Bismuth and Cadmium (1)	2445303006	kg	0	0
Titanium (1)	2445304302	kg	0	0
Zirconium and Antimony (1)	2445304709	kg	0	0
Manganese and 'Cermets' (1)	2445305706	kg	0	0
Beryllium, chromium, germanium, vanadium, gallium, hafnium, indium, niobium, rhenium and thallium (1)	2445305507	kg	0	0

## CASTING OF METALS

## Sector 53

### CNAE 24.5

DENOMINATION	PRODCOM CODE	UNIT	QUANTITY	VALUE (Thousands of euros)
<b>Malleable cast iron</b>				
Parts of automotive vehicles, tractors, cycles and other land vehicles, piston engines and other mechanical machines and apparatus	2451111006	tonnes	3,616	5,851
Parts for other uses	2451119009	tonnes	19,355	56,827
<b>Cast iron with spheroidal graphite</b>				
Parts of vehicles, tractors, cycles and other land vehicles	2451121005	tonnes	314,391	477,997
Driving shafts, crankshafts, camshafts, connecting rods, bearing shell crates without bearings and bearing shells	2451122003	tonnes	(*)	(*)
Other parts for piston engines and mechanical units	2451124009	tonnes	6,272	9,898
Parts of other machines and mechanical apparatus	2451125006	tonnes	47,005	110,845
Parts for other uses	2451129008	tonnes	114,622	226,001
<b>Non-ductile cast iron</b>				
Parts of vehicles, tractors, cycles and other land vehicles	2451131004	tonnes	157,190	212,249
Driving shafts, crankshafts, camshafts, connecting rods, bearing shell crates without bearings and bearing shells	2451132002	tonnes	(*)	(*)
Other parts for piston engines and mechanical units	2451134008	tonnes	7,421	10,277
Parts of other machines and mechanical apparatus	2451135005	tonnes	35,533	44,778
Parts for other uses	2451139007	tonnes	23,864	39,657
<b>Cast iron tubes</b>				
Tubes, pipes and hollow sections (1)	2451200004	tonnes	103,506	76,140
<b>Iron tube accessories</b>				
Non-malleable cast iron	2451303004	tonnes	(*)	(*)
Malleable cast iron (1)	2451305009	tonnes	(*)	(*)
<b>Cast steel</b>				
Parts of vehicles, tractors, cycles and other land vehicles	2452101005	tonnes	4,051	21,724
Bearing shell crates bearings; bearing shells	2452103001	tonnes	503	1,524
Other parts for piston engines and mechanical units	2452104009	tonnes	2,726	12,946
Parts of other machines and mechanical apparatus	2452105006	tonnes	9,084	43,815
Parts for other uses	2452109008	tonnes	46,828	249,501
Cast steel piping fittings (1)	2452300008	tonnes	0	0
<b>Casting of light metals (aluminium, magnesium and alloys)</b>				
Parts of vehicles, tractors, cycles and other land vehicles	2453101003	tonnes	177,545	728,337
Driving shafts, crankshafts, camshafts, connecting rods, bearing shell crates without bearings and bearing shells	2453102001	tonnes	(*)	(*)
Other parts for piston engines and mechanical units	2453104007	tonnes	676	3,990
Parts of other machines and mechanical apparatus	2453105004	tonnes	10,081	66,916
Parts for other uses	2453109006	tonnes	28,515	134,346
<b>Smelting other non-ferrous metal (copper, lead, zinc, tin, and others and alloys)</b>				
Parts of vehicles, tractors, cycles and other land vehicles	2454101001	tonnes	4,572	29,227
Driving shafts, crankshafts, camshafts, connecting rods, bearing shell crates without bearings and bearing shells	2454102009	tonnes	(*)	(*)
Other parts for piston engines and mechanical units	2454104005	tonnes	(*)	(*)
Parts of other machines and mechanical apparatus	2454105002	tonnes	8,625	117,507
Parts for other uses	2454109004	tonnes	12,218	63,427

## MANUFACTURE OF METAL ELEMENTS FOR CONSTRUCTION; LARGE WAREHOUSES;

## Sector 54

# RADIATORS, BOILERS AND STEAM GENERATORS

**CNAE 25.1/2/3**

DENOMINATION	PRODCOM CODE	UNIT	QUANTITY	VALUE (Thousands of euros)
<b>Prefabricated constructions</b>				
Iron and steel	2511103000	---		1,058,046
Aluminium	2511105005	---		113,742
<b>Large metallic structures for the construction of cast iron and steel</b>				
Bridges and bridge parts	2511210000	tonnes	45,053	94,551
Towers and trestles	2511220009	tonnes	191,531	217,264
Scaffolding, formwork or shuttering material	2511231006	tonnes	188,828	141,228
The others, only or mainly made of sheet steel, except multiple sheets built with two parameter panels with nervures and an insulator core (sector 51)	2511235007	tonnes	122,942	191,844
Other structures and part of structures: Weirs, sluices, lock-gates, landing stages, fixed docks and other maritime and waterway structures; masts, portholes and rails for ships; parts of hulls; rolling doors; enclosure of gardens; scrap metal; fixed shelves; highway barriers; boxes for vegetables; twisted iron for reinforced concrete; stables; flat products, sections, bars with drill holes, notched bars, curved bars, etc. that make them construction elements.	2511235503	tonnes	1,600,591	1,971,779
<b>Large structures for construction and parts thereof, made of aluminium</b>	2511237003	tonnes	100,847	243,241
<b>Doors, windows and windowframes, frames and thresholds</b>				
Cast iron or steel	2512103008	Units	2,279,045	502,094
Aluminium	2512105003	Units	5,912,971	1,024,829
<b>Tanks &gt; 300 litres (except compressed or liquid gases)</b>				
Cast iron and steel				
For gases	2529111005	tonnes	3,110	21,476
For liquids with internal or heat-resistant lining	2529112003	tonnes	15,203	74,585
For other liquids	2529113001	tonnes	43,352	216,284
For solids	2529115006	tonnes	96,199	179,432
Aluminium for any material, without mechanical or thermal devices	2529117002	tonnes	101	3,227
<b>Metal containers for compressed or liquid gases</b>	2529120006	tonnes	14,172	65,744
<b>Radiators for central heating, not electrically heated, and parts thereof, of iron or steel</b>	2521110004	---	(*)	(*)
<b>Central heating boilers (including those which produce, at the same time, hot water and low-pressure steam), whichever their fuel source (including electric)</b>	2521120003	Units	48,593	55,336
<b>Boiler parts for central heating</b>	2521130002	---		9,829
<b>Steam boilers (steam generators) (except central hot water central heating ones capable to producing steam at low pressure)</b>				
Water tubes with steam production	2530111003	Units	638	31,857
Others including mixed boilers	2530115004	Units	1,146	34,411
'Overheated water' boilers	2530117000	Units	96	18,718
<b>Auxiliary elements for boilers (economisers, reheaters, chimney brushes, etc.)</b>	2530123008	tonnes	15,262	34,802
<b>Condensers for steam machines</b>	2530125003	tonnes	(*)	(*)
<b>Parts of steam boilers and of 'overheated water'</b>	2530133007	---		22,697
<b>Parts of auxiliary apparatus for boilers and condensers</b>	2530135002	---		20,712
<b>Nuclear reactors</b>	2530210000	tonnes	0	0
<b>Parts of nuclear reactors</b>	2530220009	---		10,495
<b>In-situ installation of self-produced metal structures</b>	2511000994	---		962,100

# FORGING, EMBOSSING AND DRAWING OF METALS; POWDER METALLURGY. TREATMENT AND COATING OF METALS. GENERAL MECHANICAL ENGINEERING BY THIRD PARTIES

**Sector 55**
**CNAE 25.5/6**

DENOMINATION	PRODCOM CODE	UNIT	QUANTITY	VALUE (Thousands of euros)
<b>Open die iron and steel forging</b>				
Driving shafts and cranks	2550113419	---	(*)	(*)
Products and parts of machines, apparatus, instruments and vehicles	2550113428	---		490,910
<b>Open die forging of non-ferrous metals</b>	2550113702	---		23,731
<b>Cold extrusion of steel</b>				
Parts of vehicles, tractors, cycles and other land vehicles	2550115109	---		119,056
Driving shafts and cranks	2550115204	---	(*)	(*)

<b>Other parts for piston engines and mechanical units</b>	2550115300	---	(*)	(*)
<b>Parts of mechanical machines and apparatus</b>	2550115405	---		23,151
<b>Parts and fittings of electrical machines and apparatus</b>	2550115601	---		7,481
<b>Iron and steel products; parts of vehicles for train tracks or aerial navigation and precision instruments</b>	2550115707	---		7,443
<b>Cold extrusion of non-ferrous metals</b>	2550115803	---		37,768
<b>Steel cupping, stamping and blanking</b>				
<b>Parts of vehicles, tractors, cycles and other land vehicles</b>	2550121000	---		2,145,497
<b>Driving shafts, crankshafts, camshafts, connecting rods, bearing shell crates and bearing shells (except for bearing shell crates with bearings of any type)</b>	2550122008	---		23,950
<b>Other parts for piston engines and mechanical units</b>	2550123006	---		12,707
<b>Machine and apparatus parts</b>				
For agriculture, the forestry industry or horticulture	2550124004	---		10,307
Elevation	2550125001	---		23,348
Cranes, excavators, excavator loaders, etc.	2550126009	---		5,217
Other mechanical machines and apparatus	2550127007	---		102,372
Vehicles for train tracks or for aerial navigation; machines, apparatus and electric and electronic material; optical and precision instruments, etc.; other iron and steel products	2550128005	---		106,896
<b>Cupping, stamping and blanking of non-ferrous metals</b>	2550129003	---		272,988
<b>Shaping of steel sheets (folded, punched, etc.)</b>				
<b>Parts of vehicles, tractors, cycles and other land vehicles</b>	2550131009	---		393,448
<b>Other parts for piston engines and mechanical units</b>	2550132007	---		24,302
<b>Parts of other machines and apparatus</b>				
Mechanical	2550133005	---		210,335
Electric	2550134003	---		69,332
<b>Articles for domestic use; furniture parts; vehicles and apparatus of train tracks and aerial navigation</b>	2550135000	---		91,489
<b>Shaping of non-ferrous metal sheets (folded, punched, etc.)</b>	2550137006	---		51,124
<b>Products of steel powder metallurgy</b>	2550202005	---		191,959
<b>Powdered, non-ferrous metal metallurgical products</b>	2550208002	---		44,606
<b>Treatment and coating of metals</b>				
<b>Metallic coating</b>				
Dipped in molten metals	2561113004	---		161,037
Thermal projection	2561115009	---		41,228
Of zinc through electrolytic galvanisation and chemical procedures	2561117005	---		122,942
Other coatings (nickel, copper, chrome, etc.)	2561119001	---		182,103
<b>Lamination</b>	2561123003	---		77,714
<b>Other coatings (phosphating, etc.)</b>	2561125008	---		62,222
<b>Thermal treatments different from metallic coating</b>	2561210005	---		97,556
<b>Painting, varnishing</b>	2561223008	---		787,601
<b>Anodization</b>	2561225003	---		125,269
<b>Vacuum coating (CVD/PVD)</b>	2561227009	---		26,623
<b>Other treatments of metallic surfaces</b>	2561229005	---		398,713
<b>General mechanical engineering by others</b>				
<b>Turned metal pieces</b>				
For taps, valves and the like	2562100106	---		72,713
For mechanical machinery and apparatus	2562100307	---		1,252,935
For motor vehicles, tractors, cycles and other land vehicles (except for train tracks)	2562100505	---		1,140,491
For aircraft, spaceships and satellites	2562100704	---		352,590
For electrical and electronic machinery and equipment, recorders and reproducers of sound and of televised image and sound	2562100903	---		48,302
For precision, measuring, optical, photographic and cinema instruments and apparatus	2562101104	---		30,395
For metal articles, such as snuff boxes, makeup cases, ladders and palletes, bobbins for cables, non-mechanical aerating shutters and others used in the construction industry, etc. (Sector 57); for vehicles and apparatus for train tracks	2562101305	---		88,402
<b>Other metal pieces (except turned)</b>	2562200004	---		1,030,458
<b>Metal-cutting service (sheets, hoops, sections, bars, etc.)</b>	2550000992	---		3,215,389

## MANUFACTURE OF CUTLERY ITEMS AND SILVERWARE; HAND-HELD AND MECHANICAL TOOLS; LOCKS AND HINGES

Sector 56

CNAE 25.7

DENOMINATION	PRODCOM CODE	UNIT	QUANTITY	VALUE (Thousands of euros)
<b>Cutlery articles</b>				
<b>Fixed blade knives (except fish and butter knives)</b>				
Quality malt	2571112005	Units	8,227,558	9,372

Others (except those for machines)	2571114507	Units	9,241,920	36,128
<b>Other knives and penknives (except fixed blade), including those for pruning (foldable penknives)</b>	2571116006	Units	755,963	5,713
<b>Handles and blades for knives, made of common metals</b>	2571117500	Units	0	0
<b>Scissors and blades thereof</b>	2571119000	Units	808,658	4,655
<b>Penknives and shavers and parts thereof (excluding razor blades)</b>	2571123002	---	(*)	(*)
<b>Razor blades, including blanks of safety blades</b>	2571128001	Thousand Units	0	0
<b>Paper-cutters, letter-openers, scrapers, manual pencil sharpeners and blades thereof</b>	2571133001	---	(*)	(*)
<b>Manicure or pedicure tools and toolsets (including nail files)</b>	2571135006	---	(*)	(*)
<b>Machines for cutting hair; blades for grinding meat, butcher's or kitchen knives and other cutlery items</b>	2571137002	Units	(*)	(*)
<b>Cutlery (table and kitchen) (except made of precious metals)</b>				
In stainless steel or other metals (except silver, gold and platinum)	2571143000	Units	34,924,154	14,697
Base metal, silver-plated, gold and platinized	2571148009	Units	(*)	(*)
<b>Sabers, swords, bayonettes, lances and other sharp instruments, parts thereof and covers</b>	2571150005	kg	58,651	3,705
<b>Padlocks, locks, fasteners and keys</b>				
<b>Common metal padlocks</b>	2572113001	Units	2,111,145	12,378
<b>Locks</b>				
Motor vehicles	2572115006	Units	13,836,822	121,569
Furniture	2572117002	Units	4,578,767	21,814
Cylindrical for buildings	2572123000	Units	5,600,468	98,183
Others for buildings	2572125005	Units	6,321,728	112,422
Others (for reinforced cupboards, bicycles, bolts, etc.)	2572127001	Units	2,956,147	12,977
<b>Common metal fasteners and fastener mounts with locks</b>	2572133009	kg	1,222,595	7,515
<b>Common metal keys shown independently</b>	2572135004	kg	2,157,840	41,785
<b>Common metal padlock, lock, bolt and fastener parts</b>	2572137000	---		32,769
<b>Common metal hinges, fastener-mounts, fittings and similar articles</b>				
<b>Hinges of any type (including butt hinges)</b>	2572141002	kg	23,049,808	72,957
<b>Wheels</b>	2572142000	kg	12,195,766	22,385
<b>Iron fittings and similar articles</b>				
For automotive vehicles	2572143008	kg	3,510,686	31,606
For buildings	2572144006	kg	42,255,394	98,345
For furniture	2572145003	kg	12,227,849	77,418
<b>Other iron fittings and similar articles (for boxes, trunks, harnesses, coffins)</b>	2572146001	kg	1,738,131	10,459
<b>Automatic door closers</b>	2572147009	kg	915,965	9,438
<b>Curtain ties, coat hangers, supports and similar articles</b>	2572148007	kg	137,951	2,813
<b>Tools used in agriculture, horticulture and forestry</b>				
<b>Spades and shovels</b>	2573101004	kg	230,150	2,775
<b>Hoes, picks, garden hoes, rakes and ""raederas</b>	2573103000	kg	739,324	4,816
<b>Axes, sickles and similar tools with blades</b>	2573104008	kg	503,587	3,148
<b>Scissors (including poultry scissors) for one-handed use</b>	2573105005	kg	(*)	(*)
<b>Hedge shears, pruning shears and similar tools for two-handed use</b>	2573106003	kg	(*)	(*)
<b>Forks and other hand tools (excluding clasp knives) for agriculture, horticulture or forestry</b>	2573105501	kg	337,278	934
<b>Handsaws</b>	2573201009	kg	565,504	1,703
<b>Saw blades</b>				
<b>Bands</b>	2573202007	kg	261,101	8,637
<b>Circular</b>				
With a steel working part	2573203005	kg	141,618	5,473
Others (including parts)	2573205000	kg	661,785	14,599
<b>Straight angles for metal work</b>	2573209300	kg	(*)	(*)
<b>Rest of malt</b>	2573209707	kg	(*)	(*)
<b>Other manual tools</b>				
<b>Files, rasps and similar tools</b>	2573301303	kg	244,606	667
<b>Pliers (incl. cutting pliers), tweezers, pincers and similar tools</b>	2573301604	kg	366,568	4,626
<b>Shears for metals and similar tools</b>	2573302301	kg	68,999	1,218
<b>Pipe cutters, pin cutters, leather punches and similar tools</b>	2573302509	kg	372,188	7,870
<b>Manual spanners</b>				
Fixed end	2573303309	kg	339,714	5,062
Adjustable end	2573303507	kg	849,801	14,184
<b>Interchangeable drums (including with handle)</b>	2573303706	kg	(*)	(*)
<b>Drilling or threading tools (except interchangeable implements)</b>	2573305304	kg	368,264	7,012
<b>Hammers and mallets</b>	2573305502	kg	554,934	4,622
<b>Brushes, chisels, gouges and similar cutting tools for wood work</b>	2573305701	kg	21,250	363
<b>Screwdrivers</b>	2573306302	kg	1,054,143	3,611
<b>Other hand tools for domestic use</b>	2573306500	kg	703,945	4,616
<b>Tools for builders, modellers, cementers, plasterers and painters</b>	2573307300	kg	2,428,466	9,406
<b>Other manual tools, including glazier's diamond and guns for riveting, fixing rawplugs, pins, etc., that work with a torpedo</b>	2573307707	kg	(*)	(*)
<b>Soldering lamps and the like (except gas, electric, laser machines and</b>	2573308308	kg	(*)	(*)

<b>apparatus for soldering, and the like, Sector 63 and 61)</b>				
<b>Vices, wood presses and similar</b>	2573308506	kg	1,778,496	11,002
<b>Anvils; portable forges; hand or pedal operated grinding wheels with frame</b>	2573308705	kg	0	0
<b>Interchangeable implements for hand tools or machine-tools</b>				
<b>Strickling implements for metal work</b>	2573401403	kg	(*)	(*)
<b>Threading implements for metal work</b>	2573401609	kg	(*)	(*)
<b>Other threading implements (strickling or threading)</b>	2573401904	kg	(*)	(*)
<b>Drilling implements with a diamond or diamond agglomerate working part</b>	2573402306	kg	154,713	2,172
<b>Drill bits for building</b>	2573402504	kg	(*)	(*)
<b>Drilling implements for machining metals</b>				
With synthesized, metallic, carbide working part	2573402703	kg	714,749	21,588
With a working part made of high speed steel	2573403103	kg	440,743	18,211
With the working part made of other materials	2573403304	kg	(*)	(*)
<b>Other drilling implements</b>	2573403502	kg	22,213	573
<b>Boring implements with a diamond or diamond agglomerate working part</b>	2573403701	kg	0	0
<b>Boring or broaching implements for machining metals</b>				
Boring	2573404407	kg	29,407	936
Broaching	2573404805	kg	136,693	18,361
<b>Other implements for boring or broaching</b>	2573404500	kg	7,101	388
<b>Milling implements for metal work</b>				
With synthesized, metallic, carbide working part	2573405001	kg	53,367	3,462
Other materials				
Milling cutters with handles	2573406106	kg	252,405	13,801
Other shank type milling tools	2573406608	kg	30,018	6,171
<b>Other milling implements</b>	2573406903	kg	139,208	3,199
<b>Turning tools for machining metals</b>				
With synthesized, metallic, carbide working part	2573407104	kg	78,695	1,464
Other materials	2573407400	kg	3,010	137
<b>Other turning implements</b>	2573407901	kg	95,577	3,208
<b>Other interchangeable implements (for straightening, planing or correcting; morticing, turning, grooving, adzing, tonguing wood; screwdriver and hammer rods; etc)</b>				
With a diamond or diamond agglomerate working part	2573408102	kg	53,941	9,089
Screwdriver heads	2573408303	kg	(*)	(*)
Implements for gear cutting	2573408501	kg	(*)	(*)
Others with a synthesized, metallic, carbide working part	2573408700	kg	(*)	(*)
Others of other materials	2573408909	kg	3,528	142
<b>Perforation or boring implements (drill bits, crowns, drills, etc.)</b>				
With synthesized, metallic, carbide working part or made of 'cermets' (except parts)	2573601304	kg	(*)	(*)
With the working part made of materials other than synthesised carbons or 'cermets' (including parts)	2573601807	kg	(*)	(*)
<b>Metal drawing or extrusion drawplates</b>				
With diamond or diamond-agglomerate working part	2573602302	kg	(*)	(*)
Others	2573602407	kg	212,583	14,094
<b>Inlaying, stamping or punching implements for metal work</b>				
<b>Other inlaying, stamping or punching implements</b>	2573603300	kg	28,077,097	295,453
<b>Other inlaying, stamping or punching implements</b>	2573603906	kg	672,330	14,427
<b>Blades and cutting blades (except saw blades)</b>				
For machines or mechanical apparatus				
For metal work	2573604308	kg	40,017	6,683
For wood work	2573604506	kg	136,068	2,356
For kitchen appliances or for machines used by the food industry	2573605007	kg	(*)	(*)
For agricultural, horticultural and forestry machines	2573606303	kg	(*)	(*)
Others for machines or mechanical apparatus	2573606501	kg	707,902	10,461
<b>Interchangeable plates</b>	2573606700	kg	1,077,199	13,371
<b>Other plates, rods, heads and similar objects for synthesized, metallic, carbide unassembled implements or 'cermets'</b>				
	2573609009	kg	(*)	(*)
<b>Moulding boxes, base plates and moulds for metals, metallic carbides, glass, mineral materials, rubber or plastic</b>				
Moulding boxes; base plates; models for moulds (except wood)	2573501301	kg	2,560,277	83,335
Models for wood moulds	2573501509	Units	4,121	10,178
Moulds for metals or metallic carbides				
For injection or compression moulding	2573502001	Units	30,694	109,060
Others	2573503009	Units	2,874	43,607
Moulds for glass	2573505004	Units	41,353	7,357
Moulds for mineral materials (ceramic, plaster, etc.)	2573506002	Units	1,735,401	17,905
Moulds for rubber or plastic				
For injection or compression moulding	2573507000	Units	101,468	173,442
Others	2573508008	Units	3,317	20,675

# MANUFACTURE OF WEAPONS AND AMMUNITION AND OTHER METAL PRODUCTS, EXCEPT FURNITURE

Sector 57

CNAE 25.4/9

DENOMINATION	PRODCOM CODE	UNIT	QUANTITY	VALUE (Thousands of euros)
<b>Manufacture of weapons and ammunition</b>				
Armoured combat cars and vehicles, including armed; parts thereof	2540110192	kg	613,224	28,236
<b>War weapons (except guns, pistols and sharp instruments)</b>	2540110297	kg	(*)	(*)
<b>Guns and pistols with explosive charge deflagration missile (except detonators, spring, compressed air or gas)</b>				
Civilian use	2540123007	Units	0	0
Military use	2540123195	Units	0	0
<b>Muzzle loader weapons, shotguns and hunting rifles or sporting rifles</b>	2540125002	Units	177,052	39,492
<b>Other firearms that use deflagration powder</b>				
Civilian use	2540127008	Units	0	0
Military use	2540127196	Units	0	0
<b>Other weapons, except sharp instruments (rifles and pistols, spring, compressed air or gas, tear gas tubes, submarine fishing guns, etc)</b>				
Civilian use	2540129004	Units	442,988	30,129
Military use	2540129192	Units	(*)	(*)
<b>Cartridges, ammunition, missiles and their parts, including shotgun cartridges and cartridge rawplugs</b>				
Civilian use	2540130002	kg	19,377,229	106,042
Military use	2540130190	kg	3,284,000	74,607
<b>Parts and accessories of firearms, except war weapons)</b>	2540140001	---		6,570
<b>Parts and accessories for war weapons</b>	2540140199	---		223,772
<b>Repair and maintenance of weapons and weapons systems</b>	2540810099	---		9,296
<b>Installation of weapons and weapons systems</b>	2540820098	---	(*)	(*)
<b>Deposits, barrels, drums, boxes and containers for any substance (except &gt; 300 litres and compressed or liquefied gases Sector 54), made of iron or steel with no mechanical nor thermal devices</b>				
Capacity >= 50 litres and <= 300 litres	2591110007	Units	5,034,975	158,762
Capacity < 50 litres	2591120006	Units	34,500,837	88,322
<b>Light metal containers (except &gt; 300 litres and for compressed or liquid gases Sector 54)</b>				
Cast iron or steel cans, sealed with soldering or rim and with a capacity of < 50 litres				
For foods	2592113307	Units	7,369,435,210	641,405
For beverages	2592113505	Units	(*)	(*)
Others	2592115004	Units	181,243,302	58,667
Flexible, aluminium and tubular with capacity <= 300 litres	2592121002	Units	(*)	(*)
Rigid and tubular for aerosols	2592126001	Units	198,710,061	73,876
Rest of aluminium	2592124006	kg	5,276,944,981	315,138
<b>Metallic fasteners</b>				
Common metal crown corks	2592133007	Units	7,005,352,132	41,325
Tin or aluminium capsules for plugging with a diameter > 21 mm	2592135002	tonnes	8,420	142,760
Other common metal plugs, capsules and fittings	2592137008	tonnes	138,327	384,872
<b>Wire products (&lt; 16 mm width)</b>				
Cables, plaits, slings and similar (except those insulated for electricity Sector 61 and those designed for breaks, clutches, etc. Sector 67)				
Iron or steel cables and jackets (including covered)	2593113007	tonnes	215,334	256,451
Iron and steel plaits and slings	2593115002	tonnes	4,229	18,142
Wire with tooth harrows, twisted iron or steel wire with barbs or strips of type used for fences	2593123006	tonnes	3,537	4,704
Copper cables, jackets, plaits and similar without electrical insulation	2593125001	tonnes	10,557	59,632
Aluminium cables, jackets, plaits and similar without insulation for electrical use	2593127007	tonnes	(*)	(*)
Iron and steel metal fabrics				
Continuous or endless for machines	2593131307	tonnes	6,368	8,998
Others	2593131505	tonnes	4,533	19,308
Iron and steel railings				
Soldered at cross points				
With wire >= 3 mm and an area of >= 100 cm2	2593132007	tonnes	259,137	205,591
Others	2593133005	tonnes	12,037	23,730
Other iron or steel (except covered with plastic)	2593134301	tonnes	58,236	58,456
Covered in plastic	2593134509	tonnes	20,725	27,703
Extended iron or steel sheets and strips (unfolded)	2593135000	tonnes	6,428	11,004
Staple or endless metal fabrics and copper wire maille Extended copper panels and strips	2593136008	tonnes	(*)	(*)
Nails, tacks, drawing pins, staples and similar articles	2593140000	tonnes	23,933	34,950
Wire, rods, tubes, plates, electrodes with covering or fluxing material core				
For arc-welding of common metals				

Covered electrodes	2593151007	kg	(*)	(*)
Filled wire	2593153003	kg	(*)	(*)
<b>Covered rods and filled wire for the torch welding of common metals</b>	2593155008	kg	4,801,164	2,911
<b>Other wires and rods including common metal parts</b>	2593157004	---		7,351
<b><u>Sewing, knitting and crocheting needles, bodkins, awls for embroidering and similar articles for manual use, and of iron or steel; iron or steel pins and safety pins</u></b>	2593180006	kg	(*)	(*)
<b>Cast iron and steel screws, nuts, bolts, washers, rivets and pins</b>				
<b>Iron or steel screws and bolts for fixing train tracks and for bogie-building material</b>	2594111505	kg	3,851,025	8,569
<b>Tornillos y pernos sin cabeza de acero</b>	2594111608	kg	4,384,471	18,452
<b>Screws and bolts with heads</b>				
Flat head and cross head				
De acero inoxidable	2594112209	kg	6,245,924	28,165
Los demás	2594112400	kg	11,900,631	56,258
Hollow with six sides				
De acero inoxidable	2594112606	kg	436,868	1,177
Los demás	2594112808	kg	30,275	182
Hexagonal				
De acero inoxidable	2594113207	kg	646,809	5,529
De los demás aceros con una resistencia a la tracción < 800 MPa	2594113408	kg	16,975,207	40,286
De los demás aceros con una resistencia a la tracción >= 800 MPa	2594113604	kg	21,099,990	71,945
Los demás	2594113806	kg	38,956,825	116,411
<b>Screws for wood, made of iron or steel</b>	2594115308	kg	1,160,872	5,591
<b>Threaded hooks and eyebolts</b>	2594115705	kg	0	0
<b>Pneumatic drill screws</b>				
Stainless steel	2594117304	kg	(*)	(*)
Other iron or steel	2594117502	kg	0	0
<b>Nuts</b>				
De acero inoxidable	2594118407	kg	82,599	474
De fundición, hierro o acero (incluidas las autoblocantes)	2594118603	kg	10,035,274	31,775
<b>Other cast iron or steel threaded articles</b>	2594119002	kg	6,404,178	21,632
<b>Unthreaded washers</b>				
Spring and other safety	2594121008	kg	192,883	1,064
Others	2594123004	kg	2,245,335	9,471
<b>Rivets</b>	2594125009	kg	1,878,573	10,285
<b>Pins, pegs and keys, unthreaded articles of cast iron or steel</b>	2594127005	kg	3,239,712	23,560
<b>Copper fixing elements, both threaded and unthreaded</b>				
<b>Threadless copper washers, rivets, keys, thumbtacks and the like</b>	2594131007	kg	405,353	6,099
<b>Screws, bolts and nuts</b>	2594134001	kg	580,876	8,124
<b>Other threaded articles</b>	2594137004	kg	75,230	420
<b>Leaf springs and their iron or steel leaves</b>				
<b>Hot-formed parabolic dishes</b>	2593161304	kg	(*)	(*)
<b>Others, hot-rolled</b>	2593161502	kg	(*)	(*)
<b>Others that are cold-molded</b>	2593161701	kg	0	0
<b>Springs (except from watchmaking Sector 59)</b>				
<b>Iron and steel helicoids</b>				
Hot-molded	2593163109	kg	588,674	2,555
Compression, cold-molded	2593163300	kg	5,043,993	39,823
Traction, cold-molded	2593163508	kg	7,658,453	22,286
Others, cold-molded	2593163707	kg	4,253,553	32,384
<b>Flat iron and steel hairsprings</b>	2593165305	kg	348,549	1,275
<b>In the shape of a disk, in iron and steel</b>	2593165503	kg	(*)	(*)
<b>Other iron and steel</b>	2593166005	kg	3,342,174	13,298
<b>Copper</b>	2593168001	kg	(*)	(*)
<b>Chains and parts thereof</b>				
<b>Cast iron or steel</b>				
Links with struts	2593171005	kg	(*)	(*)
Welded link chains	2593172406	kg	1,452,416	4,822
Anti-slip	2593173001	kg	0	0
Others	2593175006	kg	1,678,046	8,149
Parts of iron and steel chains	2593178000	---	(*)	(*)
<b>Copper and parts thereof</b>	2593177002	---		0
<b>Artículos metálicos para baño, mesa, cocina y uso doméstico y sus partes</b>				
<b>Stainless steel sinks</b>	2599111008	Units	1,732,231	35,297
<b>Iron or steel baths (enamelled and non-enamelled)</b>	2599112701	Units	391,611	23,562
<b>Artículos de higiene ó tocador</b>				
Cast iron or steel	2599113101	kg	314,954	10,173
Copper	2599113500	kg	228,640	8,587
Aluminium	2599113709	kg	(*)	(*)
<b>Articles for domestic use</b>				
Cast iron or steel (Enamelled non-enamelled)	2599121702	kg	553,176	5,632

Of stainless steel	2599122501	kg	6,534,841	50,088
Enamelled iron or steel	2599123708	kg	17,805,915	73,909
Other articles of iron or steel (varnished or painted)	2599124507	kg	1,424,758	6,919
Other materials and cloths, gloves and similar for washing up or polishing (except nickel, lead, zinc and tin)				
Copper	2599125306	kg	0	0
Cast or moulded aluminium	2599125504	kg	480,251	4,179
Other aluminium	2599125703	kg	(*)	(*)
Iron or steel wool	2599128002	kg	(*)	(*)
<b>Hand-worked mechanical machines, with a maximum weight of 10 kg that prepare, condition or serve food and beverages</b>	2599127004	kg	0	0
<b>Safe-deposit boxes made of common metals</b>				
<b>Armoured or reinforced safes, strongboxes and doors and safe deposit lockers for strongrooms, of base metal</b>	2599212001	---		20,266
<b>Small chests and safe-deposit boxes</b>	2599217000	---		31,021
<b>Other articles of base metal</b>				
<b>Filing systems, files (except office furniture)</b>	2599220004	---		2,288
<b>Mechanisms for binding interchangeable sheets or classifiers</b>	2599233007	---		0
<b>Staples in bands or strips</b>	2599235002	---	(*)	(*)
<b>Office supplies, such as paperclips, index signs, corner plates</b>	2599237008	---	(*)	(*)
<b>Statuettes; frames for pictures, etchings or the like; metal mirrors; ant other decorative objects (trophies, display cases, crosses, window boxes, etc.)</b>	2599240002	---		32,574
<b>Snaps, hooks and eyes for eyelets</b>	2599253005	---		2,315
<b>Tubular rivets or rivets with pins cut through</b>	2599255000	---	(*)	(*)
<b>Articles such as fasteners, fastener mounts without locks, buckles, common metal beads and sequins, etc. including parts</b>	2599257006	---		24,566
<b>Propellers for boats and their blades</b>	2599260000	Units	3,254	45,815
<b>Anchors, grappels and parts thereof, made of cast iron or steel</b>	2599291102	tonnes	(*)	(*)
<b>Non-removable material for railway tracks and similar and parts thereof</b>	2599291005	---		72,975
<b>Other shaped manufactures made of cast iron or steel not classified elsewhere (sewer lids, mailboxes, fountains, mooring bollards, lighting columns, sewer stairs, bottles for transporting mercury)</b>				
Non-malleable cast iron	2599291303	kg	2,468,972	8,922
Others	2599291909	kg	9,823,173	33,327
<b>Other manufactures made of steel or iron, that are forged, stamped, stuffed, cut, sintered, etc. not classified elsewhere</b>				
Forged or stamped products without being worked in any other way	2599292205	kg	151,562,901	228,292
Wire, iron or steel (cages; baskets; mousetraps; wastepaper baskets; nose rings for animals; hooks for harnesses, bed bases; etc.)	2599292509	kg	12,055,124	47,262
Hairgrips, curling tongs and similar for hairdressing and parts thereof	2599292804	kg	(*)	(*)
Combs, decorative hair combs and similar	2599292907	kg	(*)	(*)
Hand and removable steps and footstools (for airport use, etc.)	2599293108	Units	294,063	15,468
Pallettes and similar platforms for freight handling	2599293309	kg	2,675,175	12,955
Drums for cables, tubes, etc.	2599293507	kg	3,884,360	8,308
Non-mechanical aeration shutters, gutters, hooks and others used in the construction industry	2599293706	kg	3,549,128	11,539
Tobacco pouches, cigarette cases, powder compacts, cosmetic cases and other similar articles. Sheet grilles and other articles for filtering inlet water in the gutters and other manufacturing not classified elsewhere (except those of casting)	2599294505	---		158,453
<b>Other manufactures made of other metals not classified elsewhere</b>				
Other aluminium products	2599295502	kg	60,801,600	302,641
Other copper products	2599295807	kg	1,539,753	13,573
Tin (1)	2599296004	kg	(*)	(*)
Zinc (1)	2599297204	kg	1,748,952	7,846
Lead (1)	2599297405	kg	(*)	(*)
Nickel	2599297906	kg	0	0
<b>Permanent metal magnets and items intended to be magnetised</b>	2599299504	kg	0	0
<b>Common metal bells, hand bells, gongs and similar articles that are not electric</b>	2599298202	kg	(*)	(*)
<b>Flexible, common metal tubes</b>				
Iron or steel	2599298308	kg	12,198,820	44,882
Others	2599298506	kg	171,018	2,776
<b>Indicator plaques, sign plaques, address plaques, different figures, letters and signs (cloakroom tags, licence plates, street signs, road signs, etc.)</b>	2599298705	kg	14,170,451	96,218

## MANUFACTURE OF COMPUTER AND ELECTRONIC PRODUCTS

Sector 58

CNAE 26.1/2/3/4

DENOMINATION	PRODCOM CODE	UNIT	QUANTITY	VALUE (Thousands of euros)
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<b>Cathode ray tubes for television receivers and cameras and other types of cathode ray tubes</b>	2611110008	Units	0	0
<b>Tubes for hyperfrequency (magnetrons, klystrons, carcinotrons) and other lamps, valves and tubes</b>	2611120007	Units	0	0
<b>Diodes (excluding photosensitive and light emitting diodes)</b>	2611212009	Units	(*)	(*)
<b>Transistors (excluding photosensitive transistors)</b>	2611215002	Units	0	0
<b>Thyristors, diacs and triacs (excluding photosensitive devices)</b>	2611218006	Units	(*)	(*)
<b>Photosensitive semi-conductor devices whether or not assembled in modules or made up in panels</b>				
<b>Light emitting diodes (including laser diodes)</b>	2611222008	Units	138,243	11,224
<b>Photoconductive and photovoltaic cells (solar, photodiodes, phototransistors, photothyristors, photoelectric and photorelay pairs)</b>	2611224004	Units	87,288	15,860
<b>Other semi-conductor devices</b>	2611226009	Units	(*)	(*)
<b>Mounted piezo-electric crystals</b>	2611228005	Units	0	0
<b>Integrated, hybrid electronic circuits</b>				
<b>Processors and controllers, including those combined with memory, convertors, logic circuits, amplifiers, clocks and synchronisation circuits, or other circuits</b>				
Multichip circuits	2611300308	Units	(*)	(*)
Others	2611300609	Units	554,268	11,056
<b>Memory</b>				
Multichip circuits	2611302304	Units	(*)	(*)
Others				
Dynamic read-write random D-RAM access memories	2611302701	Units	0	0
Static memories for random-access reading-writing (S-RAMs), including the memory cache for random-access reading-writing (cache-RAMs)	2611303407	Units	0	0
Read only programmable memory able to be deleted via ultraviolet rays (EPROMS)	2611305402	Units	0	0
Memory solely for programmable reading, which may be electrically erased (E2PROMs), including the E2PROMs flash	2611306503	Units	0	0
Other memories	2611306702	Units	(*)	(*)
<b>Amplifiers</b>	2611308003	Units	0	0
<b>Others</b>				
Multi-chip	2611309108	Units	(*)	(*)
Others	2611309404	Units	89,052,791	129,565
<b>Parts of electronic valves and tubes and of other electronic components</b>				
<b>Pickup capsules</b>	2611401003	Units	0	0
<b>Parts of cathode tubes, parts of valves and tubes of hot cathode, cold cathode and photocathode</b>	2611404007	---		0
<b>Parts of diodes, transistors and semiconductor devices</b>	2611407000	---		0
<b>Parts of integrated circuits and electronic microprocessors</b>	2611409006	---		10,249
<b>Printed circuits</b>				
<b>Múltiples que solo lleven elementos conductores y contactos</b>	2611502004	Units	52,384,076	212,260
<b>Los demás que solo lleven elementos conductores y contactos</b>	2611505007	Units	62,803,406	62,396
<b>Other printed circuits with other passive elements</b>	2612108000	Units	12,576,039	61,257
<b>Network communications equipment (such as concentrators, routers and gateways) for LAN and WAN, and sound, video, network and similar cards for automatic data processing machines</b>				
	2612200002	Units	396,041	72,598
<b>Intelligent cards</b>	2612300008	Units	224,998,710	200,180
<b>Computers and other IT equipment</b>				
<b>Laptops</b>	2620110009	Units	(*)	(*)
<b>Cashpoints</b>	2620120008	Units	2,756	40,605
<b>Personal computers (except laptops)</b>	2620130007	Units	40,918	15,816
<b>Automatic machines for processing information, numerical or digital: presented in system format</b>	2620140006	Units	3,465	7,349
<b>Others automatic machines for data processing in the same casing, even with 1 or 2 types of unit: storage or input/output</b>	2620150005	Units	(*)	(*)
<b>Input or output units even though they include storage units in the same casing</b>				
Printing machines, copiers and fax machines, subject to being connected to an automatic machine for data treatment or processing or to a network	2620164006	Units	1,860	858
Keyboards	2620165003	Units	(*)	(*)
Screens and projectors used mostly in information technologies	2620170003	Units	(*)	(*)
Others (self-service digital apparatus, computer mice, plotters, scanners, etc.)	2620166001	Units	(*)	(*)
<b>Machines that perform two or more of the following functions: printing, copying or faxing, subject to being connected to an automatic machines for data treatment or processing or to a network</b>	2620180002	Units	0	0
<b>Storage units</b>	2620210004	Units	0	0
<b>Unused solid and permanent devices for storing data from an external source (memory cards)</b>	2620220003	kg	0	0
<b>Other computers and computer equipment</b>	2620300001	Units	312,346	25,153
<b>Parts and accessories of computers and IT equipment (excluding mice and hard disk readers)</b>	2620400006	---		13,284
<b>Transmission apparatus for radio-telephony, radio-telegraphy, radio broadcasting or television. Television cameras</b>				
<b>Transmission apparatus for radio broadcasting and television</b>				
With receipt apparatus	2630110008	Units	(*)	(*)

Without a receiver apparatus	2630120007	Units	40,113	19,987
<b>Television cameras</b>	2630130006	Units	(*)	(*)
<b>Electrical apparatus for line telephony or line telegraphy; videophones, and parts of these apparatus</b>				
<b>Pay telephones that are cordless combined with a microphone</b>	2630210003	Units	(*)	(*)
<b>Cellphones and those of other wireless networks</b>	2630220002	Units	(*)	(*)
<b>Base stations</b>	2630231009	Units	4,404	1,428
<b>Apparatus for receiving, converting and transmitting or regenerating voice, image or other data, including switching and routing apparatus</b>	2630232007	Units	222,363	83,891
<b>Other telephones</b>	2630233005	Units	2,104,265	58,388
<b>Portable call or page receivers</b>	2630234003	Units	(*)	(*)
<b>Other apparatus for the transmission of voice, image or other data, including network communication apparatus</b>	2630237006	Units	1,104,557	55,309
<b>Loose parts and components (except antennas)</b>	2630300000	---		85,982
<b>Parts of radio and television transmitter and receiver apparatus</b>				
<b>Aerials</b>				
Telescopic aerials and whip aerials for mobile apparatus in motor vehicles	2630401003	Units	1,001,680	16,869
External aerials for satellite reception (radio broadcasting and television)	2630403505	Units	557,767	2,506
Other external aerials (for radio and television)	2630403903	Units	546,520	21,772
Aerials and electrical telephony or telegraph apparatus aerial reflectors and parts thereof	2630404007	---		8,122
Domestic aerials (for radio and television) including those that are fitted	2630405004	Units	(*)	(*)
Other aerials, filters and separators of aerials and parts thereof	2630406002	---		75,388
<b>Furniture and packaging for radio or television transmitters and receivers, television cameras, etc.; parts intended solely or mainly for TV cameras, radio or television receivers, screens and projectors</b>	2630407000	---		57,024
<b>Electrical burglar or fire alarms or similar</b>				
<b>For vehicles, except automobiles (Sector 67)</b>	2630502004	Units	0	0
<b>Others, except for vehicles and automotive vehicles</b>	2630508001	Units	1,454,550	29,273
<b>Radio broadcasting receivers</b>				
<b>Que solo funcionen con una fuente de energía exterior para vehículos automóviles</b>				
With sound recording or reproducing apparatus	2640127001	Units	(*)	(*)
Rest	2640129007	Units	0	0
<b>Capable of operating without an external source of power</b>	2640110007	Units	(*)	(*)
<b>Television receivers and recording or reproduction apparatus</b>				
<b>Colour receivers, without screens, of image and sound signals (tuner)</b>	2640202009	Units	(*)	(*)
<b>Color teleprojectors</b>	2640204005	Units	0	0
<b>Other television receivers, including combined with radio-broadcast receivers or apparatus for recording or reproducing sound or image</b>	2640209004	Units	(*)	(*)
<b>Turntables, record-players, cassette-players and other sound reproducing apparatus</b>	2640310008	Units	(*)	(*)
<b>Magnetic tape recorders and other sound recording apparatus</b>	2640320007	Units	0	0
<b>Video cameras</b>	2640330006	Units	0	0
<b>Monitores y proyectores que no incorporen aparato receptor de televisión y que no se utilicen principalmente en un sistema automático de tratamiento de datos</b>	2640340005	Units	42,300	17,258
<b>Microphones, speakers and radiotelephony and telegraphy receiving apparatus</b>				
<b>Microphones and stands thereof</b>	2640410003	Units	26,137	1,781
<b>Speakers, including mounted in boxes</b>				
A loudspeaker mounted in its box	2640423502	Units	95,842	3,021
Several loudspeakers in the same box	2640423701	Units	46,790	19,755
Others	2640423900	Units	207,887	7,283
<b>Headphones, including those combined with a microphone</b>	2640427007	Units	(*)	(*)
<b>Electric amplifiers</b>				
Audio-frequency for telephony or measuring	2640435506	Units	(*)	(*)
Other audio-frequency amplifiers	2640435904	Units	(*)	(*)
Sound amplifying electrical apparatus	2640437006	Units	121,211	11,084
<b>Other receivers (except portable ones for calling pagers)</b>	2640440000	Units	(*)	(*)
<b>Parts and components of image and sound recording and reproducing apparatus</b>				
<b>Precious, semi-precious and synthetic stones from sound recording and reproducing apparatus</b>	2640515005	Units	0	0
<b>Others (furniture, readers, winding machines, arms, decks, cleaning cassettes, etc.)</b>	2640517001	---	(*)	(*)
<b>Parts and components of microphones, speakers, headphones and amplifiers (systems or holders for speakers, etc.)</b>	2640518009	---		1,554
<b>Parts of radio transmitters or receivers</b>	2640520005	---		8,273
<b>Video game consoles (not operated by means of payments)</b>	2640605009	Units	0	0

## MANUFACTURE OF INSTRUMENTS AND APPARATUS FOR MEASURING, CONTROLLING,

## Sector 59

# NAVIGATING AND OTHER PURPOSES INDUSTRIAL PROCESS CONTROL EQUIPMENT AND WATCHES AND CLOCKS

DENOMINATION	PRODCOM CODE	UNIT	QUANTITY	VALUE (Thousands of euros)
<b>Navigation instruments and apparatus</b>				
<b>Compasses, including navigation compasses</b>	2651112000	Units	0	0
<b>Instruments and apparatus for air or space navigation, except compasses</b>	2651115003	Units	3,177	268,005
<b>Navigational instruments and apparatus,</b>	2651118007	Units	1,748	12,279
<b>Teodolitos y taquímetros; instrumentos y aparatos de fotogrametría; instrumentos y aparatos de meteorología, hidrología y geofísica; de geodesia, topografía, agrimensura, nivelación e hidrografía, etc. (excepto telémetros)</b>	2651120003	Units	201,099	8,674
<b>Radio warning and radar apparatus</b>	2651202006	Units	(*)	(*)
<b>Radio navigational aid apparatus</b>	2651205009	Units	(*)	(*)
<b>Radio remote control apparatus (parts thereof Sector 58)</b>	2651208003	Units	1,437,378	63,235
<b>Precision balances, instruments for drawing, calculation, measuring length and similar</b>				
<b>Balances of a sensitivity of 5 cg or less., including with weights, parts thereof and accessories</b>	2651310005	---		0
<b>Drafting tables and machines and other drawing, marking-out or mathematical calculating instruments</b>	2651320004	Units	(*)	(*)
<b>Micrometers and callipers (excl. callipers without adjustable devices, for measuring or checking geometrical quantities)</b>	2651330003	Units	599	69
<b>Instruments and apparatus for measuring or controlling electric and radiation magnitudes</b>				
<b>Instruments and apparatus for measuring or detecting ionising radiations</b>	2651410000	Units	0	0
<b>Cathode-ray oscilloscopes and cathode-ray oscillographs</b>	2651420009	Units	0	0
<b>Para medida o control de la tensión intensidad, resistencia, potencia, sin dispositivo de grabación</b>	2651430008	Units	214,049	3,373
<b>Designed for telecommunication</b>	2651440007	Units	25,084	13,232
<b>Para la medida y control de discos, obleas o dispositivos semiconductores, de ganancia de potencia, etc.</b>	2651450006	Units	725,542	16,561
<b>Instruments and apparatus for determining temperature, atmospheric pressure, density or an arbitrary value depending on the density; hydrometers, breathalyzers (except those combined with instruments outside of this group)</b>				
<b>Thermometers and pyrometers</b>				
Liquid filled for direct reading (except clinical or veterinary Sector 76)	2651511001	Units	(*)	(*)
Others				
Electronic	2651513503	Units	261,500	7,626
Others	2651513901	Units	1,091,825	4,772
<b>Barometers</b>	2651515002	Units	0	0
<b>Density meters, hygrometers, aerometers, psychrometers, instruments for measuring liquids, etc</b>				
Electronic	2651517504	Units	(*)	(*)
Others	2651517902	Units	(*)	(*)
<b>Instruments and apparatus for measuring or monitoring the flow or level of liquids</b>				
<b>Electronic</b>				
Flow measuring instruments	2651523502	Units	1,404	734
Others	2651523900	Units	20,031	5,253
<b>Others</b>				
Flow measuring instruments	2651525507	Units	20,123	9,496
Others	2651525905	Units	205,530	3,487
<b>Instruments and apparatus for measuring and checking the pressure of liquids or gases</b>				
<b>Electronic</b>	2651527104	Units	29,772	4,008
<b>Spiral or diaphragm type pressure gauges</b>	2651527400	Units	831,753	3,513
<b>Others</b>	2651527901	Units	644,285	5,541
<b>Other instruments and apparatus for measuring or checking liquid or gas characteristics</b>				
<b>Electronic</b>	2651528303	Units	12,258	9,819
<b>Others</b>	2651528909	Units	(*)	(*)
<b>Instruments and apparatus for physical or chemical analysis, viscosity, porosity, expansion, surface tension trials or similares and heat, noise and light measuring means</b>				
<b>Gas or smoke analysis apparatus</b>				
Electronic	2651531307	Units	175	507
Others	2651531903	Units	(*)	(*)
<b>Chromatographs and electrophoresis apparatus</b>	2651532007	Units	0	0
<b>Spectrometers, spectrophotometers and spectrographs using optical</b>	2651533005	Units	(*)	(*)

<b>radiations (ultraviolet, visible, infrared)</b>				
<b>Others</b>				
Electronic				
Electronic ph and rh meters and other apparatus for measuring conductivity	2651538101	Units	(*)	(*)
Others	2651538302	Units	344,805	39,229
Otros instrumentos y aparatos para el análisis físico o químico no clasificados en otra parte (incluye, viscosímetros porosímetros y dilatómetros)	2651539508	Units	9,194	5,922
<b>Other controlled measure and trial instruments and apparatus</b>				
<b>Microscopes (except optical, Sector 60) and electronic diffractographs</b>	2651610006	Units	0	0
<b>Máquinas y aparatos para ensayar las propiedades mecánicas de materiales (metales, textiles, papel, cartón, plástico, madera, hormigón, caucho, cuero o linóleo)</b>	2651620005	Units	4,178	64,734
<b>Meters</b>				
<b>Gases (including gauges)</b>	2651633008	Units	0	0
<b>Liquids (including gauges)</b>	2651635003	Units	1,061,236	27,002
<b>Electricity (including calibration)</b>	2651637009	Units	522,206	17,083
<b>Revolution counters, production counters, taximeters, pedometers, etc.</b>	2651643007	Units	14,735	2,379
<b>Speedometers for land vehicles</b>	2651645300	Units	(*)	(*)
<b>Tachometers</b>	2651645508	Units	(*)	(*)
<b>Testbenches</b>	2651662007	kg	769,491	37,900
<b>Los demás instrumentos y aparatos de medida o control (excepto bancos de pruebas, instrumentos y aparatos ópticos y máquinas para equilibrar piezas mecánicas)</b>	2651669002	Units	800,075	119,133
<b>Automatic regulating or controlling instruments and apparatus</b>				
<b>Thermostats</b>				
Electronic	2651701507	Units	260,825	20,850
Others	2651701905	Units	4,766,606	19,746
<b>Manostats</b>				
2651703007	Units	(*)	(*)	
<b>Other instruments and apparatus</b>				
<b>Hydraulic or pneumatic</b>				
2651650002	Units	2,735	6,114	
<b>Others</b>				
2651709004	Units	13,928,480	181,530	
<b>Parts and accessories</b>				
<b>Radar and radio navigational aid apparatus</b>				
2651810008	---	(*)	(*)	
<b>Instruments and apparatus for meteorology, geophysics and similar areas; instruments for drawing, calculation, measuring length and the like; instruments and apparatus for control and trial measurement; microtomes and parts thereof</b>				
2651820007	---		9,440	
<b>Microscopes and electronic diffraction apparatus</b>				
2651830006	---		0	
<b>Electricity meters</b>				
2651843307	---	(*)	(*)	
<b>Gas and liquid metres</b>				
2651843505	---		1,062	
<b>Other meters, speedometers, tachometers, revolution counters, production counters, taximeters and stroboscopes</b>				
2651845004	---		2,700	
<b>De los demás instrumentos de regulación y control automáticos, medida y control</b>				
2651853008	---		12,372	
<b>Thermostats, manostats and other regulating and checking apparatus</b>				
2651855003	---		28,833	
<b>Navigation instruments and apparatus and instruments for trials</b>				
2651860003	---		49,306	
<b>Wrist and pocket watches</b>				
<b>With boxes made of precious metals or plated</b>				
2652110002	Units	(*)	(*)	
<b>Of another type, including chronometers</b>				
2652120001	Units	0	0	
<b>Instrument panel clocks and clocks of a similar type for cars, aircraft, boats and other vehicles</b>				
2652130000	Units	(*)	(*)	
<b>Alarm clocks, wall clocks and other clocks and watches</b>				
2652140009	Units	18,598	2,537	
<b>Watch and clock movements and parts</b>				
<b>Mecanismos de relojería</b>				
2652211005	Units	(*)	(*)	
<b>Cajas de relojería y sus partes</b>				
2652221004	---	(*)	(*)	
<b>Partes de relojes excepto pulseras (metálicas y chapadas Sector 73; de cuero, piel, plástico, caucho, textil, etc. Sector27)</b>				
2652231003	---	(*)	(*)	
<b>Registadores de asistencia, fechadores y contadores</b>				
2652241002	Units	5,206	9,996	
<b>Parquímetros y demás aparatos de control de tiempo (incluidos contadores de minutos y de segundos)</b>				
2652244006	Units	(*)	(*)	
<b>Interruptores horarios y demás aparatos que permitan accionar un dispositivo en un momento dado, con mecanismo de relojería o con motor sincrónico</b>				
2652247009	Units	159,884	7,749	

**MANUFACTURE OF RADIATION,  
ELECTROMEDICAL AND  
ELECTROTHERAPEUTIC EQUIPMENT.  
MANUFACTURE OF OPTICAL INSTRUMENTS  
AND PHOTOGRAPHIC EQUIPMENT**

**Sector 60  
CNAE 26.6/7/8**

DENOMINATION	PRODCOM CODE	UNIT	QUANTITY	VALUE (Thousands of euros)
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<b>Radiation, electro-medical and electro-therapeutic apparatus and equipment</b>					
X-rays for computerised tomography and for medical, surgical, dental or veterinary use	2660111509	Units	(*)		(*)
Other radiography or radiotherapy x-ray apparatus	2660111907	Units	(*)		(*)
Apparatus using alpha, beta or gamma radiation, even for medical, surgical, dental or veterinary use, including apparatus for radiography or radiotherapy	2660113009	Units	(*)		(*)
X-ray tubes	2660115004	Units	0		0
Other apparatus based on the use of rays, including parts and accessories	2660117000	---			24,826
Electrocardiographs	2660123008	Units	0		0
Other electrodiagnosis apparatus (excluding electrocardiographs)	2660128007	Units	(*)		(*)
Apparatus based on the use of ultraviolet or infrared rays	2660130003	Units	(*)		(*)
Hearing aids (excluding parts and accessories)	2660143304	Units	115,512		7,904
Parts and accessories of hearing aids	2660143900	---	(*)		(*)
Cardiac stimulators (parts and accessories thereof, Sector 76)	2660145001	Units	0		0
<b>Photographic equipment and parts thereof</b>					
Objective lenses for movie cameras, projectors or enlargers or reducers	2670110004	Units	(*)		(*)
<b>Photographic apparatus</b>					
For the preparation of printing negatives or cylinders, special apparatus for submarine or aerial photography and for the medical examination of organs; apparatus for legal medicine or judicial identification laboratories	2670125002	Units	0		0
Digital cameras	2670130002	Units	(*)		(*)
With self-developing and other	2670140001	Units	(*)		(*)
Cinematographic cameras	2670150000	Units	0		0
Proyectores cinematográficos	2670165008	Units	0		0
Dispositivos para producir destellos (incluidas lámparas fotográficas de cubo y de destello y similares), ampliadoras fotográficas, aparatos para laboratorios fotográficos; negatoscopios, pantallas de proyección y proyectores de diapositivas y de otras imágenes	2670191004	---	(*)		(*)
Partes y accesorios de equipo fotográfico	2670199007	---			8,344
Prisms, mirrors and other optical elements, of any material, unmounted	2670215306	kg	0		0
Other lenses, prisms, mirrors and other optical elements of any material, mounted	2670215504	Units	0		0
Other objective lenses (except for cameras, projectors or photographic or cinematographic enlargers or reducers)	2670217004	Units	0		0
Sheets and plates of polarising material; filters of any material	2670218002	kg	0		0
Binoculars and field glasses	2670223002	Units	0		0
Other instruments (optical telescopes, etc.)	2670225007	Units	(*)		(*)
Optical microscopes, including photomicrography, cinephotomicrography or microprojection (except electronic, Sector 59)	2670227003	Units	(*)		(*)
Telescopic sights for weapons; periscopes, viewers for machines, for optical, precision and sound and image recording and reproduction apparatus	2670231005	Units	(*)		(*)
Lasers (except laser diodes Sector 58)	2670233001	Units	0		0
Other optical devices, apparatus and instruments,	2670239008	---			0
Telémetros	2670242002	Units	0		0
Instrumentos y aparatos que utilicen radiaciones ópticas (ultravioleta, visibles, infrarrojos) (excepto espectrómetros, espectrofotómetros y espectrógrafos)	2670245005	Units	1,506		6,914
Exposímetros, estroboscopios, instrumentos, aplicaciones y máquinas ópticas para medir o comprobar (proyectores de perfiles; instrumentos y aparatos para control de discos (wafers) o dispositivos, semiconductores, o para control de máscaras o retículas utilizadas en la fabricación de dispositivos semiconductores; etc.)	2670249007	Units	(*)		(*)
Partes y accesorios (incluidos armazones) de binoculares, prismáticos, catalejos, anteojos astronómicos, telescopios ópticos y demás instrumentos de astronomía (excepto aparatos de radioastronomía)	2670251003	---			0
Partes y accesorios de microscopios ópticos	2670253009	---	(*)		(*)
Partes y accesorios de miras telescópicas, láseres, dispositivos de cristal líquido y demás dispositivos ópticos	2670261002	---	(*)		(*)
Partes y accesorios de instrumentos y aparatos para control de discos (wafers) o dispositivos, semiconductores, o para control de máscaras o retículas utilizadas en la fabricación de dispositivos semiconductores y de aparatos ópticos para la medición de las impurezas de material particulado en la superficie de los discos (wafers) de material semiconductor (excepto proyectores de perfiles)	2670263008	---	(*)		(*)
<b>Magnetic and optical media</b>					
Unused magnetic tapes and disks for recording sounds or analogue recordings	2680110003	kg	0		0
Virgin optical media for recording sound or analogous recordings	2680120002	kg	0		0
Other supports, including matrices and masters for producing records	2680130001	kg	0		0
Card with a magnetic strip incorporated	2680140000	kg	384,904		24,695

## MANUFACTURE OF ELECTRICAL MACHINERY AND MATERIAL EXCEPT HOUSEHOLD

## Sector 61

# APPLIANCES

**CNAE 27.1/2/3/4/9**

DENOMINATION	PRODCOM CODE	UNIT	QUANTITY	VALUE (Thousands of euros)
<b>Manufacture of electric motors, generators and transformers</b>				
<b>Engines with a power less than or equal to 37.5 W.</b>	2711101003	Units	(*)	(*)
<b>Direct current engines and generators</b>				
37.5 W. < power <= 750 W.	2711103009	Units	6,503,894	76,134
0.75 kW < output <= 75 kW	2711105004	Units	93,084	4,846
75 kW. < power <= 375 KW.	2711107000	Units	(*)	(*)
Power > 375 KW. (except starters for piston engines)	2711109006	Units	(*)	(*)
<b>Universal AC/DC motors of an output &gt; 37.5 W.</b>	2711210009	Units	(*)	(*)
<b>AC motors</b>				
Single-phase				
Power <= 750 W.	2711223002	Units	563,630	21,735
Power > 750 W.	2711225007	Units	(*)	(*)
Multi-phase				
Power <= 750 W.	2711230007	Units	203,311	10,256
0.75 kW. < power <= 7.5 KW.	2711240304	Units	59,126	25,196
7.5 kW. < power <= 37 KW.	2711240502	Units	17,593	21,619
37 kW. < power <= 75 KW.	2711240701	Units	(*)	(*)
Power > 75 KW., traction engines	2711253009	Units	0	0
75 kW. < power <= 375 KW.	2711254007	Units	(*)	(*)
375 kW. < power <= 750 KW.	2711256002	Units	(*)	(*)
Power > 750 KW.	2711259006	Units	533	52,332
<b>AC generators (alternators)</b>				
Power <= 75 KVA.	2711261002	Units	(*)	(*)
75 kVA. < power <= 375 kVA.	2711263008	Units	(*)	(*)
375 kVA. < power <= 750 kVA.	2711265003	Units	0	0
Power > 750 kVA.	2711267009	Units	3,299	203,629
<b>Generators</b>				
For diesel and semidiesel engines				
Power <= 75 KVA.	2711311003	Units	20,529	113,567
75 kVA. < power <= 375 kVA	2711313009	Units	6,516	104,067
375 kVA. < power <= 750 kVA.	2711315004	Units	1,217	46,447
Power > 750 kVA.	2711317000	Units	765	64,870
For internal combustion engines				
Power <= 7.5 KVA.	2711323306	Units	7,725	4,435
Power > 7.5 kVA.	2711323504	Units	(*)	(*)
Other generators, (except eolic Sector 63)	2711325003	Units	(*)	(*)
Electrical rotary converters	2711327009	Units	0	0
<b>Transformers</b>				
Non-conductive liquid				
Power <= 650 KVA.	2711412006	Units	17,738	71,088
650 kVA. < power <= 10000 kVA.	2711415009	Units	2,664	40,744
Power > 10000 kVA.	2711418003	Units	(*)	(*)
Other transformers				
Power <= 1 KVA. Measure	2711422005	Units	743,099	9,288
Power <= 1 KVA. Others	2711424001	Units	1,890,052	17,433
1 kVA. < power <= 16 kVA.	2711426006	Units	181,105	18,934
16 kVA. < power <= 500 kVA.	2711433002	Units	78,714	48,277
Power > 500 kVA.	2711438001	Units	13,165	139,915
<b>Reactance (ballasts) for discharge lamps or tubes</b>				
Ballast reels, including with a connected condenser	2711501300	Units	6,548,022	18,784
Others	2711501508	Units	4,528,944	10,946
<b>Static converters</b>				
Rectificadores	2790413008	Units	284,211	28,537
Unidades de alimentación eléctricas del tipo de las utilizadas en telecomunicación, en máquinas automáticas para el tratamiento o procesamiento de datos y sus unidades	2790414006	Units	216,234	33,725
Cargadores de acumuladores	2790413306	Units	127,525	26,375
AC converters (inverters)				
Potencia <= 7,5 kVA.	2790415301	Units	3,015	2,379
Potencia > 7,5 kVA.	2790415509	Units	5,734	149,074
Los demás convertidores estáticos	2790417009	Units	11,295	77,281
<b>Other ballast reels (self-induction)</b>	2711508007	Units	19,136,072	8,680
<b>Parts and components</b>				
Destinadas exclusiva o principalmente a motores eléctricos y generadores, grupos electrógenos y convertidores rotativos eléctricos (incluye partes de generadores eólicos) (excepto pilas de combustible)	2711611004	---		880,938
Pilas de combustible	2790420003	---		0
Transformers, ballast reels (self-induction)				
Ferrite cores	2711620303	kg	766,901	3,775

Others	2711620501	---		8,763
De convertidores estáticos del tipo de los utilizados en aparatos de telecomunicación, en máquinas automáticas para el tratamiento o procesamiento de datos y sus unidades	2711620806	---		427
De los demás convertidores estáticos	2790419005	---	(*)	(*)
<b>Manufacture of electricity distribution and control equipment</b>				
<b>Electrical apparatus for protecting electrical circuits of a voltage &lt;= 1000 V.</b>				
Fuses of a voltage > 1000 V.	2712101001	Units	924,308	5,963
Circuit breakers	2712102009	Units	5,952	16,338
Isolating switches and make-and-break switches	2712103007	Units	27,039	28,196
Pararrayos y limitadores de tensión: tensión > 1000 V.	2712104102	Units	49,022	6,921
Supresores de sobretensión transitoria: tensión > 1000 V.	2790430002	Units	0	0
Other apparatus for cutting and protecting > 1000 V.	2712109004	Units	1,024,042	45,039
<b>Electrical apparatus for protecting electrical circuits of a voltage &lt;= 1000 V</b>				
<b>Fuses</b>				
Voltage <= 1000 V., intensity <= 10 A.	2712213001	Units	(*)	(*)
Voltage <= 1000 V., 10 A. < intensity <= 63 A.	2712215006	Units	(*)	(*)
Voltage <= 1000 V., intensity > 63 A.	2712217002	Units	(*)	(*)
<b>Circuit breakers</b>				
Voltage <= 1000 V., intensity <= 63 A.	2712223000	Units	(*)	(*)
Voltage <= 1000 V., intensity > 63 A.	2712225005	Units	0	0
<b>The remaining devices for the protection of electrical circuits not classified elsewhere</b>				
Voltage <= 1000 V., intensity <= 16 A.	2712233009	Units	23,398	1,319
Voltage <= 1000 V., 16 A. < intensity <= 125 A.	2712235004	Units	9,579,060	114,784
Voltage <= 1000 V., intensity > 125 A.	2712237000	Units	(*)	(*)
<b>Relays (including electronic)</b>				
Voltage <= 60 V., intensity <= 2 A.	2712243306	Units	7,678	25
Voltage <= 60 V., intensity > 2 A.	2712243504	Units	12,274,780	11,725
Relays and contactors for voltage > 60 V.	2712245003	Units	1,258,013	63,147
<b>Boxes, panels, cabinets, consoles and other means fitted with distribution and electric control appliances</b>				
<b>For a voltage &lt;= 1000 V.</b>				
Numerical control consoles with data compilation machine with voltage <= 1000 V.	2712313007	Units	11,545	32,640
Programmable, industrial controls	2712315002	Units	37,569	22,632
Other control and electricity distribution supports with a voltage <= 1000 V.	2712317008	Units	1,448,572	385,406
<b>For a voltage &gt; 1,000 V</b>				
1000 V. < voltage <= 72.5 KV.	2712320300	Units	73,790	262,481
Voltage > 72.5 kV.	2712320508	Units	557	2,375
<b>Parts and components</b>				
Consoles, boards and other non-equipped supports	2712403003	Units	23,593,495	231,018
Other identifiable parts of electricity distribution and control apparatus	2712409000	---		122,621
<b>Manufacture of electric batteries and accumulators.</b>				
<b>Batteries</b>				
	2720110005	Units	(*)	(*)
<b>Loose parts and components of batteries</b>				
	2720120004	---		0
<b>Lead accumulators</b>				
For starting piston engines	2720210000	Units	17,363,262	999,884
Others	2720220009	N/cells	(*)	(*)
<b>Nickel-cadmium , nickel-metal hydride, lithium-ion, lithium-polymer, nickel-iron accumulators and other electrics</b>				
	2720230008	Units	97,546	4,728
<b>Electrical accumulator parts (including separators)</b>				
	2720240007	---	(*)	(*)
<b>Manufacture of fibre optic cables</b>				
<b>Fibre-optic cables, made up of individually sheathed cables, for the transmission of information</b>				
	2731110002	kg	6,395,757	83,901
<b>Optical fibres and optical fibre bundles; optical fibre cables except those comprised of individually sheathed fibres</b>				
	2731120001	kg	(*)	(*)
<b>Insulated wire and cable</b>				
<b>Winding wire</b>				
	2732110000	kg	61,015,450	274,133
<b>Coaxial cables for the control and transmission of data with or without connectors for a voltage &lt;= 80 V.</b>				
	2732120009	kg	856,009	6,251
<b>Los demás conductores eléctricos con piezas de conexión, para una tensión &lt;= 1000 V.</b>				
	2790440001	kg	8,762,093	79,553
<b>Other electrical conductors without connection pieces, for voltage &lt;= 1000 V.</b>				
	2732138001	kg	184,029,878	1,146,715
<b>Other electrical conductors for the transmission of energy: voltage &lt;= 1 KV.</b>				
	2732140007	kg	26,706,760	177,992
<b>Cable devices.</b>				
<b>Other switches, sectioners and switchboards for a voltage &lt;= 1000 V.</b>				
	2733110008	Units	336,448,901	263,243
<b>Bulbholders, voltage &lt;=1000 V.</b>				
	2733120007	Units	613,183	216
<b>Connectors</b>				
Coaxial, voltage <= 1000 V.	2733131004	Units	(*)	(*)
For printed circuits, voltage <= 1000 V.	2733133000	Units	(*)	(*)
Plugs and sockets that are not for coaxial wires or printed circuits with a voltage <= 1000 V.	2733135005	Units	482,117,925	75,878

<b>Prefabricated elements for electrical channels with a voltage &lt;= 1000 V.</b>	2733136003	Units	(*)	(*)
<b>Other connections and contact elements for wires and cables with a voltage &lt;= 1000 V.</b>	2733137001	Units	13,225,444,954	227,494
<b>Other apparatus for electric circuit connections with a voltage &lt;= 1000 V.</b>	2733138009	Units	16,329,265	49,034
<b>Sections and cable ducts for electric channeling, made of plastic</b>	2733141003	tonnes	(*)	(*)
<b>Plastic insulating pieces for machines, apparatus or electric appliances</b>	2733143009	kg	4,421,775	39,435
<b>Lighting equipment and electric lamps</b>				
<b>Headlamps and projectors</b>	2740110003	Units	(*)	(*)
<b>Other lamps and incandescence tubes (excluding ultraviolet and infrared)</b>				
Tungsten halogen				
For motorcycles and other vehicles	2740125001	Units	0	0
Others with voltage > 100 V.	2740129301	Units	0	0
Others with voltage <= 100 V.	2740129509	Units	0	0
Other filament lamps of a power <=200 W. and a voltage > 100 V.	2740130001	Units	(*)	(*)
Others				
For motorcycles and other automotive vehicles (except lights and sealed projectors code 104 and made of tungsten code 105)	2740146007	Units	0	0
Other parts	2740149001	Units	(*)	(*)
<b>Lamps and discharge tubes (excluding ultraviolet and infrared)</b>				
Fluorescent, hot cathode				
Two-bulb	2740151007	Units	(*)	(*)
Others	2740153003	Units	0	0
Other discharge lamps	2740155008	Units	0	0
<b>Ultraviolet and infrared lamps and tubes; arc lamps</b>	2740157004	Units	(*)	(*)
<b>Lamps and lighting equipment</b>				
Portable electric lamps that work with their own energy source (primary cells, accumulators or electromagnetic) (except those used on cycles or in vehicles)	2740210008	Units	281,737	6,776
Electric head, table, office or standing lamps	2740220007	Units	2,917,117	92,883
Non-electric lighting equipment	2740230006	Units	(*)	(*)
Luminous adverts, signs and similar (metal, plastic, etc.)	2740240005	Units	487,981	184,881
Electric lamps and projectors for hanging or placing on the ceiling or the wall	2740250004	Units	17,100,687	410,942
Proyectores, incluso para escenarios y estudios fotográficos o cinematográficos	2740301003	Units	592,197	26,777
Aparatos de alumbrado o de señalización visual de los tipos utilizados en los vehículos automóviles (excepto bicicletas Sector 67)	2740303009	kg	11,326,591	247,422
Los demás aparatos de alumbrado (de escenarios, de exteriores de casas y jardines, de carreteras, túneles, para señalización marítima, fluvial y aérea etc.), incluye conjuntos de iluminación para árboles de Navidad	2740309006	Units	2,107,480	260,637
<b>Parts and components</b>				
Filament or discharge lamps	2740410009	---	(*)	(*)
Portable electric lamps	2740423002	---	(*)	(*)
Other lighting equipment: rails, screens (including their frames), lampshades, etc. (except glass Sector 46 and plastic Sector 45)	2740425007	---		42,224
<b>Other electrical material and equipment</b>				
<b>Machines with translation or dictionary functions, antenna amplifiers, and other machines and apparatus (except solar benches and ceilings and similar apparatus for tanning Sector 66)</b>	2790115007	---		12,730
<b>Electrical insulators (except of glass Sector 46 and ceramic Sector 47) for setting, supporting or guiding electrical conductors or insulating them from each other or from earth</b>	2790123001	kg	895,432	7,537
<b>Other insulating pieces (except ceramic Sector 47 and plastic Sector 45) made completely of insulating material or with metallic assembly pieces in the paste, for machines, apparatus or installations; metal insulated tubes and accessories thereof, with insulated interior</b>	2790128000	kg	296,161	4,582
<b>Carbon electrodes</b>				
Of the type used in ovens	2790133000	kg	(*)	(*)
Other electrodes	2790135005	kg	(*)	(*)
<b>Carbon brushes</b>	2790137001	kg	770,314	14,562
<b>Other articles made of graphite or other carbons, including with metal, for electrical uses</b>	2790139007	kg	126,993	7,881
<b>Sound or visual electrical signalling apparatus</b>				
Security, control for railways (except electromechanic Sector 69)	2790701005	---		37,502
Other electrical signalling and security apparatus (traffic lights; for public roads, highways, airports; controls for barriers for level crossings or parking lots, etc.) (except electromechanic from Sector 69)	2790703001	kg	42,928	2,520
Indicator panels with devices				
Liquid crystal (LCD)	2790202000	kg	(*)	(*)
Light-emitting diodes (LED)	2790205003	kg	163,895	8,105
Other electrical, sound or visual signalling apparatus (electric bells, indicators for lifts, etc.)	2790208007	kg	1,668,452	51,990
<b>Machines and apparatus for electrical, laser or similar welding; for projecting hot metal or cermets</b>				
<b>For brazing or soft soldering</b>				
Soldering irons and soldering guns	2790310903	Units	(*)	(*)
Others	2790311808	Units	(*)	(*)
<b>For resistance metal soldering</b>	2790314507	Units	(*)	(*)

<b>For arc-welding or plasma jet metal welding</b>				
Totally or partially automatic	2790315401	Units	(*)	(*)
<b>Others</b>				
Manual for covered electrodes	2790316304	Units	(*)	(*)
By arch in a protective atmosphere	2790317206	Units	(*)	(*)
<b>Others</b>				
For metal treatment	2790318109	Units	(*)	(*)
Others	2790319107	Units	(*)	(*)
<b>Parts and accessories for electric machines and apparatus for soldering</b>				
	2790320008	---		25,804
<b>Other electronic material and equipment not classified elsewhere</b>				
<b>Aceleradores de partículas</b>	2790451008	kg	0	0
<b>Generadores de señales</b>	2790453004	kg	(*)	(*)
<b>Electromagnets and electromagnetic apparatus and parts</b>				
Acoplamientos, embragues, variadores de velocidad y frenos electromagnéticos	2790455009	Units	93,500	13,950
Electroimanes y cabezas elevadoras electromagnéticas (excepto de uso médico) y sus partes; platos y mandriles electromagnéticos o magnéticos y dispositivos similares no clasificados en otra parte y sus partes.	2790456007	kg	3,235,034	8,520
<b>Bancos y techos solares, y aparatos similares para el bronceado</b>	2790457005	Units	0	0
<b>Parts and components</b>				
Signalling and security apparatus	2790333001	---		6,189
Electrical protection alarms	2790335006	---		2,693
Electric machines and appliances	2790337002	---		14,568
Electric parts of machines or apparatus	2790339008	---		56,995
<b>Electrical capacitors</b>				
<b>Fixed</b>				
For 50/60Hz electrical circuits for a reactive power >= 0,5 kvar	2790510007	Units	279,535	14,020
Tantalum and aluminium electrolytic	2790522002	Units	(*)	(*)
Other fixed capacitors	2790524008	Units	(*)	(*)
<b>Variable or adjustable</b>	2790530005	Units	(*)	(*)
<b>Electric resistors (except heating Sector 62)</b>				
<b>Fixed (except carbon, agglomerate or layered)</b>				
Power <= 20 W.	2790603501	Units	0	0
Power > 20 W.	2790603700	Units	214,274	8,942
<b>Variable coiled (including rheostats and potentiometers)</b>				
Power <= 20 W.	2790605506	Units	(*)	(*)
Power > 20 W.	2790605705	Units	(*)	(*)
<b>Fixed resistors made of carbon, bound or in layers; variable resistors, including reostats and potentiometers (except coiled)</b>				
	2790608004	Units	(*)	(*)
<b>Parts of fixed, variable or adjustable capacitors</b>				
	2790810002	---	(*)	(*)
<b>Parts of electric, rheostat and potentiometer resistors</b>				
	2790820001	---	(*)	(*)

## MANUFACTURE OF HOUSEHOLD APPLIANCES (ELECTRIC AND NON-ELECTRIC)

Sector 62

CNAE 27.5

DENOMINATION	PRODCOM CODE	UNIT	QUANTITY	VALUE (Thousands of euros)
<b>Manufacture of electric household appliances</b>				
<b>Household type refrigerators and freezers</b>				
Refrigerator and freezer combinations with separate external doors	2751111008	Units	(*)	(*)
Household-type refrigerators (except built in)	2751113302	Units	(*)	(*)
Built in, household type refrigerators	2751113500	Units	0	0
Chest-type freezers - preservers, with a capacity <= 800 litres	2751115009	Units	(*)	(*)
Upright-type freezers-preservers, with a capacity <= 900 litres	2751117005	Units	(*)	(*)
<b>Household dishwashers</b>	2751120009	Units	(*)	(*)
<b>Household washing machines and driers</b>	2751130008	Units	(*)	(*)
<b>Electric blankets</b>	2751140007	Units	(*)	(*)
<b>Electromechanical with self-contained electric motor</b>				
Table, standing, wall, ceiling, roof or window fans with power <= 125 W.	2751153000	Units	(*)	(*)
Hoods having a maximum horizontal side not exceeding 120cm	2751158009	Units	153,090	28,224
Vacuum cleaners of <= 1500 W and with a storage capacity or bag for powder of <= 20 litres	2751212309	Units	0	0
Other vacuum cleaners with an electric motor incorporated	2751212507	Units	(*)	(*)
Food grinders and mixers; fruit and vegetable squeezers	2751217000	Units	(*)	(*)
Other electromechanical appliances for household use	2751219006	kg	(*)	(*)
<b>Shavers and hair removing and clipping appliances with an electric motor incorporated</b>	2751220004	Units	0	0
<b>Electrothermic</b>				
Electric hair dryers	2751231001	Units	(*)	(*)

Other hair-dressing apparatus	2751233007	Units	(*)	(*)
Electrothermal hand dryers	2751235002	Units	(*)	(*)
Electric plates	2751237008	Units	(*)	(*)
Vacuum cleaners for dry or liquid materials (except with an electric motor incorporated)	2751241000	Units	0	0
Tea or coffee makers	2751243006	Units	(*)	(*)
Electric toasters	2751245001	Units	(*)	(*)
Other electrothermal appliances for household use (including deep fryers)	2751249003	Units	28,918	713
<b>Electric water heaters and electric appliances for heating premises</b>				
Instantaneous, electric water heaters	2751253005	Units	0	0
Rest of electric water heaters	2751256008	Units	(*)	(*)
Storage heating radiators	2751263004	Units	(*)	(*)
Electric radiators, by convection, and heaters or space heaters with a fan incorporated	2751265009	Units	463,776	61,561
Other electric radiators	2751269001	Units	360,477	16,360
<b>Cookers, cooking plates and other electrical appliances for cooking (including gas and electric mixes)</b>				
Microwave ovens	2751270009	Units	0	0
Cookers with at least an oven and an electric plate	2751281006	Units	(*)	(*)
Electric cooking plates (including cooking tables)	2751283002	Units	2,156,801	319,662
Grills and roasters	2751285007	Units	113,044	4,498
Built in ovens	2751287003	Units	(*)	(*)
Other electric ovens	2751289009	Units	(*)	(*)
Heating resistors	2751290007	kg	811,772	27,697
<b>Single parts and components of telecommunications apparatus</b>				
Vacuum cleaners	2751301000	---		0
Polishing machines, grinders and other household electrical appliances	2751303006	---	(*)	(*)
Razors, clippers and hair removing appliances	2751305001	---	(*)	(*)
From others (except from refrigerators, dishwashers, ventilators and extractor hoods sector 63 and washing machines sector 66,	2751307007	---		193,539
<b>Manufacture of non-electric household appliances</b>				
<b>Cookers, ovens, barbecues and other cooking and hotplate appliances</b>				
Gaseous fuels; or gas and other fuels, casting, iron or steel With an oven, including separate ovens	2752111304	Units	6,954	3,529
Others	2752111502	Units	673,088	63,698
Others made of iron, steel or copper	2752119009	Units	90,415	12,100
<b>Other cast iron and steel appliances (stoves, braziers, chimneys, radiators with their own heat source, etc.).</b>				
Iron or steel gas domestic cooking appliances and plate warmers (including those with subsidiary boilers for central heating including gas and other fuels)	2752123404	Units	(*)	(*)
Liquid fuels	2752125006	Units	0	0
Solid fuels	2752127002	Units	112,328	77,286
Generators and hot air distributors made of iron or steel	2752130006	Units	691	692
Instantaneous or storage water heaters (except electric)	2752140005	Units	116,448	20,453
Parts of furnaces, cookers, hotplates, boilers, barbecues, grills, ovens and the like	2752200004	---		145,896

## MANUFACTURE OF MECHANICAL, GENERAL PURPOSE MACHINERY, EQUIPMENT AND MATERIAL (EXCEPT MANUFACTURE OF MANUAL ELECTRIC MACHINE-TOOLS

Sector 63

CNAE

28.1/28.21/22/23/25/29

DENOMINATION	PRODCOM CODE	UNIT	QUANTITY	VALUE (Thousands of euros)
<b>Spark ignition engines</b>				
For the propulsion of boats, of the outboard type	2811110000	Units	0	0
Others for the propulsion of boats (except outboard); spark ignition piston engines (except for aviation and reciprocating piston for vehicles)	2811120009	Units	0	0
<b>Other piston and compression ignition engines (diesel or semi-diesel engines)</b>				
<b>For propelling boats</b>				
Power <= 200 KW	2811131103	Units	(*)	(*)
200 kw. < power <= 1000 kw.	2811131502	Units	(*)	(*)
Power > 1000 KW.	2811131900	Units	0	0
<b>For propelling railway vehicles</b>	2811132004	Units	0	0
<b>For industrial Use</b>				
Power < 15 kw.	2811133109	Units	(*)	(*)
15 kw. < power <= 30 kw.	2811133300	Units	0	0
30 kw. < power <= 50 kw.	2811133508	Units	0	0
50 kw. < power <= 100 kw.	2811133707	Units	0	0
100 kw. < power <= 200 kw.	2811135305	Units	0	0

200 kw. < power <= 300 kw.	2811135503	Units	0	0
300 kw. < power <= 500 kw.	2811135702	Units	0	0
500 kw. < power <= 1000 kw.	2811137301	Units	0	0
Power > 1000 KW.	2811137509	Units	0	0
<b>Turbines</b>				
<b>Steam</b>	2811216002	kilowatts	(*)	(*)
<b>Turbines and water wheels</b>	2811220004	kilowatts	(*)	(*)
<b>Other gas turbines (except turbo-reactors and turbo-compound engines Sector 70)</b>	2811230003	kilowatts	0	0
<b>Wind energy generators</b>	2811240002	Units	(*)	(*)
<b>Steam turbine parts</b>	2811310001	---	(*)	(*)
<b>Turbine and water wheel parts including regulators</b>	2811320000	---		50,137
<b>Parts of gas turbines (except for turboreactors or turbopropellers Sector 70)</b>	2811330009	---	(*)	(*)
<b>Parts of combustion engines</b>	2811410006	---		240,313
<b>Parts of diesel or semi-diesel engines</b>	2811420005	---		520,606
<b>Fluid power or pneumatic power engines</b>				
<b>With rectilinear movement (piston), hydraulic systems</b>	2812163007	Units	56,549	30,249
<b>Other hydraulic engines with rectilinear movement (piston)</b>	2812113002	Units	6,149	2,161
<b>Pneumatic engines with rectilinear movement</b>	2812118001	Units	(*)	(*)
<b>Hydraulic engines (except with rectilinear movement), with hydraulic systems</b>	2812168006	Units	0	0
<b>Hydraulic and pneumatic rotating engines</b>	2812120007	Units	23,509	5,147
<b>Pumps for liquids</b>				
<b>Fitted with or designed to be fitted with measuring device</b>				
For dispensing fuels or lubricants, of type used in petrol stations, service stations or garages	2813110502	Units	(*)	(*)
Others	2813112508	Units	(*)	(*)
<b>Other manual pumps</b>	2813114504	Units	315,578,647	32,053
<b>Fuel, oil or coolant for spark ignition or compression ignition engines</b>	2813116509	Units	7,170,054	90,554
<b>For concrete</b>	2813118505	Units	(*)	(*)
<b>Other reciprocating positive displacement pumps</b>				
Hydraulic sets	2812153008	Units	4,436	84,518
Measuring devices	2813122001	Units	33,012	6,398
Piston, oleohydraulic pumps	2812132002	Units	16,675	3,518
Other inline reciprocating or plunger pumps	2813125004	Units	(*)	(*)
Other reciprocating positive displacement pumps	2813128008	Units	8,310	2,575
<b>Other rotary positive displacement pumps</b>				
Hydraulic sets	2812158007	Units	36,973	73,582
Gearings, oleohydraulics	2812135005	Units	19,174	8,763
Other gear pumps	2813132000	Units	7,373	4,359
Vane and oleohydraulic pumps	2812138009	Units	(*)	(*)
Other vane pumps	2813134006	Units	(*)	(*)
Helicodal screw	2813136001	Units	4,358	11,236
Other rotary positive displacement pumps	2813138007	Units	3,948	7,089
<b>Centrifugal</b>				
Single-cell submersible pumps	2813141309	Units	22,517	11,790
Multi-cell submersible pumps	2813141507	Units	39,647	8,108
Drivers for central heating and hot water	2813141706	Units	6,336	2,389
Impulse piping with a diameter <= 15 mm.	2813142009	Units	(*)	(*)
Drivers for fluted wheels and side channel pumps	2813143007	Units	9,031	4,418
Single flow, radial wheel single cell monoblocs	2813145109	Units	24,202	21,972
Other single flow, radial wheel single cells	2813145300	Units	13,906	44,613
Multiple flow, radial wheel multicells	2813145508	Units	(*)	(*)
Radial wheel multicells	2813146000	Units	122,835	42,041
Others, single-cell	2813147105	Units	355,080	112,759
Other multi-cell	2813147504	Units	2,725	8,625
<b>Other pumps and liquid elevators</b>	2813148006	Units	36,161	23,612
<b>Vacuum pumps</b>				
<b>Rotatory piston, vane, single cell and root pumps, diffusion, cryostatic and absorption</b>	2813217006	Units	5,847	16,867
<b>Other vacuum pumps</b>	2813219002	Units	39,245	5,786
<b>Hand or foot-operated air pumps</b>	2813220000	Units	148,743	409
<b>Compressors for refrigerating equipment</b>				
<b>Air compressors mounted on a towable chassis with wheels</b>	2813240008	Units	(*)	(*)
<b>Turbo-compressors</b>				
<b>Single-cell</b>	2813253001	Units	(*)	(*)
<b>Multi-cell</b>	2813255006	Units	0	0
<b>Reciprocating displacement compressors</b>				
<b>For one over pressure &lt;= 15 bar</b>				
With a rate of flow per hour <= 60 m3	2813263000	Units	218	1,656
With a rate of flow per hour > 60 m3	2813265005	Units	(*)	(*)

<b>For one over pressure &gt;15 bar</b>				
With a rate of flow per hour <= 120 m3	2813267001	Units	0	0
With a rate of flow per hour > 120 m3	2813269007	Units	(*)	(*)
<b>Reciprocating displacement compressors</b>				
<b>Single axis</b>	2813273009	Units	(*)	(*)
<b>Various axes, screw</b>	2813275302	Units	(*)	(*)
<b>Others, various axes</b>	2813275500	Units	0	0
<b>Other compressors</b>				
2813280004	Units	(*)	(*)	
<b>Fittings, parts and components</b>				
<b>Fluid energy transmission equipment</b>	2812200013	---		71,446
<b>Hydraulic engines</b>	2812200022	---		36,745
<b>Reaction propellants that are different from turbo-reactors</b>				
Civilian use	2812200031	---	(*)	(*)
Military use	2812200192	---	(*)	(*)
<b>Pumps for liquids and liquid elevators</b>				
2813310007	---			96,809
<b>Air and other gas pumps, ventilators and extractor fans and domestic fans, etc. (Sector 62)</b>				
2813320006	---			30,311
<b>Valves and fittings (except rubber, ceramic, glass and electronic)</b>				
<b>Reduction pressure valves</b>				
Combined with filters or lubricators	2812142001	kg	(*)	(*)
Not combined with filters or lubricators				
Cast iron or steel	2814112000	kg	106,904	1,586
Others	2814114006	kg	(*)	(*)
<b>Transmission valves</b>				
Oleo-hydraulic	2812145004	kg	1,427,632	38,599
Pneumatic transmissions	2812148008	kg	64,688	3,118
<b>Retaining valves</b>				
2814116001	kg	1,248,008		21,385
<b>Relief or safety valves for pipes, furnaces, tanks, vats and similar containers</b>				
2814118007	kg	1,528,914		18,085
<b>Valves for tyres and air chambers</b>				
2814117009	kg	(*)	(*)	
<b>Valves and bathroom and heating fittings</b>				
Bathroom fitting articles such as hot water regulators and mixers	2814123305	kg	2,812,588	64,939
Other bathroom fittings articles	2814123503	kg	5,153,102	58,307
Fixtures for central heating radiators, thermostatic keys	2814125300	kg	856,606	9,095
Other fittings for central heating radiators	2814125508	kg	(*)	(*)
<b>Regulating valves</b>				
Temperature	2814131308	kg	18,074	1,483
Other regulation valves	2814131506	kg	2,724,279	22,194
<b>Straight way type valves and keys</b>				
Cast	2814133304	kg	2,522,070	27,926
Steel	2814133502	kg	671,896	25,979
Other straight way types	2814133701	kg	29,055	574
<b>Bedding valves</b>				
Cast	2814135309	kg	1,103,208	21,945
Steel	2814135507	kg	449,886	13,133
Other seat valves	2814135706	kg	42,523	3,517
<b>Other types of valve</b>				
<b>With a spherical, conical or cylindrical seal</b>				
2814137305	kg	9,953,086		136,564
<b>Butterfly</b>				
2814137503	kg	5,328,856		62,369
<b>Diaphragm</b>				
2814137702	kg	147,590		2,475
<b>Other valves</b>				
2814138005	kg	8,279,259		145,119
<b>Valve parts and other similar articles</b>				
2814200000	---			153,518
<b>Bearings, gears and mechanical transmission units</b>				
<b>Bearings</b>				
Balls	2815103006	kg	20,618,657	147,448
<b>Rollers</b>				
Conical, including those assembled from cones and conical rollers	2815105309	kg	6,329,182	90,740
Barrel shaped	2815105507	kg	0	0
Cylindrical	2815105706	kg	266,135	2,394
Needles	2815107007	kg	22,213	254
Other bearings, including combined	2815109003	kg	10,504,982	50,093
<b>Roller chains and articulated links</b>				
Cast iron, iron or steel rollers of types used for bicycles and motorcycles	2815213000	kg	(*)	(*)
Other cast iron, iron and steel rollers	2815215005	kg	(*)	(*)
Other cast iron, iron or steel articulated link chains	2815217001	kg	2,208,668	30,970
<b>Transmission trees</b>				
Cranks and crankshafts	2815223009	kg	(*)	(*)
Articulated trees	2815225004	kg	(*)	(*)
Other transmission trees	2815227000	kg	(*)	(*)
<b>Bearing shell crates</b>				
With bearings	2815233008	kg	1,031,896	17,383
Without bearings	2815235003	kg	(*)	(*)
<b>Gearings (except simple cogs and other elementary transmission units)</b>				

Gearings				
Cylindrical	2815243209	kg	17,805,652	203,593
Conical and cylindro-conical	2815243305	kg	6,930,160	15,794
Endless screw	2815243400	kg	316,354	840
Others	2815244005	kg	9,742,281	35,870
Speed reducers, multipliers and changers, including torque converters and gear boxes	2815245002	kg	4,197,694	41,415
Ball screws or roller screws	2815247306	kg	959,051	33,159
Others	2815247504	kg	777,703	4,411
<b>Flywheels and pulleys, including blocks</b>	2815250002	kg	177,718	4,128
<b>Gearings and joining units (including articulation joints)</b>	2815260001	kg	4,927,328	38,763
<b>Parts of bearings, gears and transmission elements</b>				
Balls, rollers and needles	2815313006	kg	11,091,059	69,519
Other parts of bearings	2815315001	---		2,648
Parts of cast iron, iron and steel articulated link chains	2815320001	---		1,584
Parts of bearing shell crates for bearings of all types	2815393008	---		143
Other parts, cast or moulded, of cast iron or not	2815395003	---		10,758
<b>Manufacture of ovens and furnace burners</b>				
<b>Burners</b>				
Liquid fuels	2821113003	Units	(*)	(*)
Other furnace burners, including combination	2821115008	Units	141	5,346
Mechanical stokers, including their mechanical grates, mechanical ash dischargers and similar appliances	2821117004	Units	(*)	(*)
<b>Industrial or laboratory furnaces</b>				
Non-electric				
For roasting, melting or other thermal treatments of minerals or metals	2821123002	Units	149	42,544
Others, including incinerators	2821127003	kg	2,143,114	25,233
Electric				
Bakery, cakemaking or biscuitmaking	2821133001	Units	12,723	28,468
Other resistance furnaces (indirect fired)	2821135103	kg	1,283,717	16,885
Induction	2821135304	kg	(*)	(*)
Rest (heat treatment of materials by induction or dielectric and infra-red lamps losses)	2821135409	kg	(*)	(*)
<b>Furnace and furnace burner parts</b>				
Mechanical burners and stokers	2821143000	---		6,076
Industrial or laboratory furnaces that are not electric, including incinerators	2821145005	---		10,396
Electrical industrial or laboratory furnaces	2821147001	---		79,624
<b>Manufacture of lifting, loading or unloading and handling equipment</b>				
<b>Pulley tackle</b>				
With an electric motor	2822113001	Units	7,696	26,596
Without an electric motor (except those intended for lifting vehicles)	2822117002	Units	13,183	1,601
<b>Winches and capstans (excluding those for raising vehicles)</b>	2822120006	Units	289	2,021
<b>Jacks and lifts</b>				
Fixed lifting jacks for vehicles of the type used in garages	2822133009	Units	33,950	14,526
Other hydraulic jacks	2822135004	Units	105,072	15,742
Other jacks	2822137000	Units	2,746,600	24,834
<b>Cranes (except railway floating cranes, crane lorries)</b>				
Travelling cranes with fixed support	2822142000	Units	1,530	46,568
Mobile crane bridges on wheels and straddle trucks	2822143306	Units	(*)	(*)
Other travelling cranes, crane bridges and straddling trucks	2822143504	Units	1,947	95,454
Tower cranes or overhead cranes	2822144006	Units	1,266	209,032
Other self-propelled machines and apparatus	2822145003	Units	(*)	(*)
Other machines and apparatus designed for assembling on a road vehicle	2822146001	Units	3,544	106,743
Other machines and apparatus	2822147009	Units	3,419	60,089
<b>Stacking trucks and other types of truck with and without lifting device</b>				
Self-propelled				
Electric motor, rising to 1 m or more	2822151309	Units	3,019	56,658
Others with an electric motor	2822151507	Units	(*)	(*)
Without an electric motor, with a lift device incorporated	2822153007	Units	(*)	(*)
Other handling trucks with lifting device	2822155002	Units	3,548	27,017
Forklift trucks without lifting devices of the type used in factories, warehouses, ports or airports for short-distance transportation of goods; tractors of the type used on railway station platforms	2822157008	Units	89	2,280
<b>Electric lifts and hoisting devices</b>	2822163006	Units	33,562	411,194
<b>Other lifts and hoisting devices</b>	2822165001	Units	23,745	516,255
<b>Escalators and moving walkways</b>	2822167007	Units	1,279	172,736
<b>Continuous action lifting devices and goods transporters</b>				
Rubber tyres	2822174003	Units	163,049	31,139
Continuous action transporters				
Spoon	2822175000	Units	164	4,948
Belt or strap	2822177006	Units	21,313	157,169
Roller or cylinder	2822179300	Units	14,468	50,185
Other lifting devices or continuous action transporters	2822179508	Units	42,273	113,332
<b>Other lifting, loading, unloading and handling machines</b>				
Cable cars (including chair lifts and ski lifts); traction units for funiculars	2822182006	Units	(*)	(*)

Loaders specifically designed for agricultural operations	2822185009	Units	498	3,727
Other loaders: trolleys, trolley pushers, transfer tables, wagon and trolley tippers, etc.	2822184002	Units	14,700	199,452
<b>Parts and components</b>				
Hoists, winches, trucks and lifting machines	2822193003	---		196,630
Lifts, hoisting devices or escalators	2822195008	---		533,504
Work trucks without lifting devices	2822197004	---	(*)	(*)
Buckets, clamshell buckets, spades and grabbers or grippers	2822200003	kg	2,833,362	13,838
<b>Máquinas de escribir y máquinas para tratamiento o procesamiento de textos; calculadoras electrónicas y máquinas de bolsillo registradoras, reproductoras y visualizadoras de datos, con funciones de cálculo; máquinas de contabilidad, de franquear, de expedir boletos y máquinas similares con dispositivo de cálculo incorporado; cajas registradoras</b>				
	2823100006	Units	3,914	7,043
<b>Other office machines and apparatus</b>				
Máquinas de oficina. Incluye: impresoras, copiadoras y de fax que realicen la función de copia mediante escaneado del original, fotocopiadoras ópticas o por contacto y termocopiadoras; impresoras offset de oficina con hojas <= 22 x 36 cm; copiadoras hectográficas, mimeógrafos, distribuidores automáticos de billetes de banco, máquinas de clasificar, contar o encartuchar monedas, sacapuntas, perforadoras, grapadoras, etc. y otras máquinas de oficina, incluidos dictáfonos que solo funcionen con una fuente de energía exterior				
	2823211008	Units	46,133	29,535
<b>Partes y accesorios de máquinas y aparatos para oficina (máquinas de escribir, calculadoras, fotocopiadoras e impresoras (excepto offset), etc.)</b>				
	2823221007	---		3,008
<b>Manufacture of non-household cooling and ventilation equipment</b>				
<b>Heat exchange units</b>				
	2825113004	Units	684,223	106,449
<b>Apparatus and devices for the liquefaction of air or other gases</b>				
	2825115009	Units	0	0
<b>Air conditioning machines</b>				
For built-ins or for windows, forming a single body, or of the split system type	2825122005	Units	120,956	75,723
Of the type used in vehicles for occupants	2825124001	Units	3,734,602	356,438
Others				
With a cooling system	2825125008	Units	235,786	212,326
Without a cooling system	2825127004	Units	16,204	30,659
<b>Cold production equipment and heat pumps</b>				
Showcase furniture and refrigerated display furniture				
Showcase furniture and refrigerated display furniture for frozen products	2825133300	Units	11,253	25,559
Other showcase furniture and refrigerating display furniture	2825133508	Units	184,860	160,994
Other refrigerated display furniture (except household appliances Sector 62)	2825136005	Units	82,749	67,878
Heat pumps (except machines and air conditioning devices)	2825138001	Units	51,209	115,531
Other materials, machines and apparatus for cold production	2825139009	Units	1,129,334	274,340
<b>Apparatus for filtering or purifying air</b>				
	2825141005	Units	692,380	52,166
<b>Apparatus for filtering or purifying gases (including protection rooms for painting</b>				
Catalytic method	2825144009	Units	0	0
Others	2825143001	Units	3,707	45,049
Máquinas y aparatos para filtrar o purificar gases con carcasa de acero inoxidable y orificios para los tubos de entrada y de salida de un diámetro interior <= 1,3 cm. (excluidos los filtros de entrada de aire para motores de encendido por chispa o compresión)				
	2825145006	Units	(*)	(*)
Ventiladores de los tipos utilizados, exclusiva o principalmente para enfriar microprocesadores, aparatos de telecomunicación o máquinas automáticas para tratamiento o procesamiento de datos y sus unidades				
	2825201004	Units	1,959	1,051
<b>Ventiladores (excepto de mesa, pie, ventana, de potencia &lt; 125 W, Sector 62)</b>				
Axial	2825203000	Units	106,739	37,432
Centrifugal	2825205005	Units	218,706	53,384
Other fans	2825207001	Units	393,137	63,522
<b>Air conditioner parts</b>				
	2825301000	---		190,636
<b>Parts for refrigeration, freezer and heat pump equipment</b>				
Furniture designed to accommodate cold producing equipment (industrial and domestic)				
	2825303006	Units	13,453	55,986
Evaporators and condensers for refrigerating and freezing equipment				
	2825305001	Units	2,014,194	102,336
Other parts of industrial and domestic refrigerators, freezers and heating pumps)				
	2825307007	---		106,674
<b>Parts of apparatus and devices, though electrically heated, for the treatment of materials through operations that imply a change in temperature, and of non-electric water heaters for instant or accumulation heating,</b>				
	2825308005	---		5,784
<b>Other general purpose machinery</b>				
<b>Producer gas (producer gas) or water gas generators; acetylene and similar gas generators. Distillation or rectification apparatus</b>				
	2829110002	Units	72	11,222
<b>Liquid or gas filtering or depurifying machinery</b>				
For filtering or purifying water	2829123005	Units	410,508	157,117
For filtering or purifying other beverages (except water)	2829125000	Units	0	0
For other liquids	2829127006	Units	4,793	19,525
For oil in spark ignition or compression ignition engines	2829133004	Units	(*)	(*)

As air inlet for spark ignition or compression ignition engines	2829135009	Units	19,637,646	88,601
<b>Wrapping and packing machines</b>				
For cleaning or drying bottles and other containers	2829212003	Units	150	3,017
For filling, closing, capping or labelling bottles, boxes, bags and other containers; machines and apparatus for carbonating drinks	2829215006	Units	5,292	153,636
For packing or wrapping goods,	2829218000	Units	10,935	525,965
<b>Extinguishers, spray guns and other apparatus for projecting, dispersing or spraying</b>				
Fire extinguishers, including charged	2829221004	Units	1,672,602	51,499
Spray guns and similar apparatus	2829222002	Units	99,926	5,524
Steam or sand blasting machines and similar jet projecting machines	2829223000	Units	12,250	8,373
Other mechanical apparatus (except for agricultural use Sector 65) (carwashes, etc.)	2829224008	Units	281,906,827	111,897
<b>Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal</b>	2829230005	kg	347,300	10,017
<b>Apparatus and instruments for weighing (except precision weighing &lt; 5cg)</b>				
For persons, including baby scales; household scales	2829320002	Units	(*)	(*)
Continuous weight scales on transporters	2829313007	Units	195	4,123
Constant weight scales and scales and balances on extractors and dosage measures	2829318006	Units	530	16,420
Los demás instrumentos para pesar (seleccionadoras ponderales automáticas y controladoras ponderales con capacidad < 5000 kg., aparatos de pesar y etiquetar, básculas puente, balanzas de tienda, etc.)	2829394007	Units	94,684	51,102
<b>Instruments for drawing, calculation, measuring lengths and similar</b>				
Levels	2829396002	Units	0	0
Metres and divided scales	2829397506	Units	(*)	(*)
Other instruments for drawing, calculating, measuring length and the like	2829397904	---		0
<b>Spinning machines (except cream separators and clothing dryers Sector 66)</b>	2829410008	Units	(*)	(*)
<b>Calandrias and other slicing machines, except for for metal or glass</b>	2829420007	Units	(*)	(*)
<b>Automatic machines for sale</b>				
For the sale of products, with heating or refrigeration equipment	2829433000	Units	(*)	(*)
Other machines, including machines for changing coins	2829435005	Units	15,309	38,316
<b>Industrial dishwashers</b>	2829500002	Units	(*)	(*)
<b>Machines for the treatment of materials that require a change of temperature</b>				
Recirculation cooling apparatus and devices where thermal exchange is not carried out through a wall	2829603009	Units	(*)	(*)
Apparatus and devices for vacuum metalization	2829605004	Units	0	0
Other apparatus	2829609006	Units	40,450	42,017
<b>Apparatus for soldering (except soldering lamps Sector 56, electric, laser and similar Sector 61)</b>				
Manual blowtorches for soldering	2829702007	Units	(*)	(*)
Machinery and apparatus for hard or soft soldering or surface hardening (except manual welding torches and electric machines and apparatus)	2829709002	Units	224	8,768
<b>Parts and components</b>				
Producer gas (producer gas) or water gas generators; acetylene and similar gas generators	2829810006	---		0
Spinning machines and centrifugal driers	2829822001	---	(*)	(*)
Liquid or gas filtering or purifying apparatus	2829825004	---		100,089
Cylinders for calandrias and laminators	2829831300	Units	(*)	(*)
Other parts of calandrias and laminators	2829831508	---	(*)	(*)
Weights for scales, weighing apparatus or instrument parts	2829832000	---		23,350
Extinguishers, spray guns and other apparatus for spraying, projecting or dispersing	2829834006	---		48,470
Machines for the sale of products, including machines for changing coins	2829835003	---		56,161
Others parts and individual pieces of non-electric machines and equipment, not classified elsewhere	2829840003	---		123,918
<b>Dishwasher parts (industrial and domestic)</b>	2829851000	---		24,032
<b>Parts of machines for packing or bottling</b>	2829852008	---		78,560
<b>For machines and apparatus for soldering</b>	2829860001	---	(*)	(*)

## MANUFACTURE OF MACHINE-TOOLS

**Sector 64**

**CNAE 28.24/4**

DENOMINATION	PRODCOM CODE	UNIT	QUANTITY	VALUE (Thousands of euros)
<b>Manual electro-mechanical tools with self-contained electric motor</b>				
<b>Drills</b>				
Function without an external energy source	2824111309	Units	0	0
Electropneumatic	2824111507	Units	0	0

Others	2824111706	Units	(*)	(*)
<b>Saws and cutters</b>				
Cutters	2824112307	Units	6,984	3,019
Circular saws	2824112505	Units	1,337	412
Others	2824112704	Units	(*)	(*)
<b>Others</b>				
Operated without an external source of power (battery)	2824112009	Units	(*)	(*)
Angular grinders and brushes which work with a mains connection	2824115002	Units	(*)	(*)
Metal shears	2824118006	Units	(*)	(*)
Operated with an external source of power	2824118502	Units	66,275	13,092
<b>Manual pneumatic or hydraulic tools, or with self-contained non-electric motor</b>				
<b>Rotating tyres (including percussion)</b>	2824124004	Units	(*)	(*)
<b>Others</b>				
Chain saws or cutters	2824126009	Units	(*)	(*)
Others	2824128005	Units	28,468	7,738
<b>Machine-tools for cutting all kinds of material via laser, ultrasound, plasma and similar</b>				
<b>Via laser or other lights or photons</b>	2841111005	Units	(*)	(*)
<b>Via ultrasound</b>	2841113001	Units	(*)	(*)
<b>Via electroerosion</b>	2841115006	Units	(*)	(*)
<b>Máquinas para cortar por chorro de agua</b>	2841116004	Units	396	24,944
<b>Other electrochemical processes, electrons, ionic or plasma jet processes</b>	2841117002	Units	(*)	(*)
<b>Machining centres, unit construction machines and multi-station transfer machines, for working metal</b>				
<b>Machining centres</b>				
Horizontal	2841122002	Units	(*)	(*)
Others	2841124008	Units	186	48,097
<b>Machines</b>				
Fixed-point	2841125005	Units	136	105,405
Multiple-point	2841127001	Units	(*)	(*)
<b>Lathes for cutting metal</b>				
<b>Horizontal</b>				
Numerical control				
Rotary centres	2841212306	Units	0	0
Automatic	2841212703	Units	814	80,238
Others	2841212902	Units	478	22,580
Without digital control	2841214004	Units	(*)	(*)
<b>Others</b>	2841216009	Units	(*)	(*)
<b>Machine-tools for drilling, boring, milling or threading metals extracted from materials</b>				
<b>Autonomous units or headstocks</b>	2841223303	Units	(*)	(*)
<b>Numerical control</b>				
Taladradoras	2849131006	Units	(*)	(*)
Borers and borer-millers	2841224003	Units	0	0
Millers				
Console	2841221704	Units	(*)	(*)
For milling tools	2841222305	Units	99	45,321
Others	2841222503	Units	87	56,596
<b>Others</b>				
Taladradoras	2849132004	Units	211	1,378
Borers and borer-millers	2841226008	Units	(*)	(*)
Millers	2841227006	Units	486	17,299
<b>Other threading machines (screw cutting, etc.)</b>	2841228004	Units	2,384	8,991
<b>Máquinas-herramientas para desbarbar, afilar, amolar, rectificar, lapear (bruñir), rodar, pulir o hacer otras operaciones de acabado para metal o cermet, mediante muelas, abrasivos, o productos para pulir (excepto para tallar o acabar engranajes)</b>	2841230000	Units	2,531	112,168
<b>Others for cutting metal, synthesised metallic carbides or cermets</b>				
<b>Broaching machines</b>	2841241007	Units	(*)	(*)
<b>For polishing or finishing gearings (except for brushing, filing, slotting or broaching)</b>	2841243003	Units	0	0
<b>Saws or cutters</b>	2841247004	Units	(*)	(*)
<b>Cepilladoras</b>	2841249107	Units	(*)	(*)
<b>Llimadoras y mortajadoras</b>	2849133002	Units	0	0
<b>Machine-tools for rolling, folding, levelling, guillotining, stamping (including presses)</b>				
<b>Numerical control</b>				
For rolling, curving, folding, straightening or flattening				
For flat products	2841312004	Units	106	178,374
Others	2841314000	Units	85	15,851
Para cizallar, incluidas las prensas (excepto las combinadas de cizallar y punzonar)	2849134000	Units	102	80,238
For stamping, fitting (including guillotine and stamping combinations)	2841324009	Units	120	13,906

<b>Others</b>				
For rolling, curving, folding, straightening or flattening				
For flat products	2841316005	Units	102	25,387
Others	2841318001	Units	3,244	6,106
Para cizallar, incluidas las prensas (excepto las combinadas de cizallar y punzonar y las utilizadas para cizallar productos planos)				
	2841326101	Units	1,029	4,496
Máquinas, incluidas las prensas para cizallar productos planos (excepto las combinadas de cizallar y punzonar)				
	2849135007	Units	(*)	(*)
For stamping, fitting (including guillotine and stamping combinations)				
	2841328000	Units	2,786	10,536
<b>Machine-tools for forging or stamping, power hammers and pile drivers (including presses)</b>				
Numerical control	2841331004	Units	(*)	(*)
Others	2841332002	Units	446	2,549
<b>Other presses for molding metals</b>				
<b>Hydraulic</b>				
	2841335005	Units	4,089	27,025
Others	2841336003	Units	1,224	71,836
<b>Other machine-tools for metals, synthesised metallic carbides or cermets that do not work with material cutting</b>				
<b>Benches for stretching bars, tubes, sections, wires and the like</b>				
	2841341003	Units	(*)	(*)
<b>Thread laminators</b>				
	2841343009	Units	(*)	(*)
<b>For wire work</b>				
	2841345004	Units	(*)	(*)
<b>Las demás, excepto remachadoras</b>				
	2841347107	Units	170	21,404
<b>Remachadoras</b>				
	2849136005	Units	(*)	(*)
<b>Machines for working cold stone, ceramic, concrete, asbestos, cement, glass work or similar</b>				
<b>Saws</b>				
	2849113004	Units	2,264	10,201
<b>Machines for sharpening and polishing</b>				
	2849115009	Units	(*)	(*)
Others	2849117005	Units	230,179	52,392
<b>Máquinas-herramientas para trabajar la madera, corcho, hueso, caucho endurecido, plástico rígido o materias duras similares; maquinaria de galvanoplastia</b>				
Que efectúen distintas operaciones de mecanización sin cambiar de útil entre dichas operaciones, sin colocación manual de la pieza entre cada operación				
	2849122005	Units	155	30,290
<b>Centros de mecanizado</b>				
	2849124001	Units	158	6,579
<b>Machines and apparatus for galvanisation, electrolysis or electrophoresis</b>				
	2849128300	kg	(*)	(*)
<b>Wood or cork work machines with own function (presses for specific wood fibre boards; machines for stripping bark, impregnating, densifying, etc.)</b>				
	2849128707	Units	101	5,618
<b>Máquinas de clavar, grapar, encolar o ensamblar de otro modo</b>				
	2849129000	Units	3,179	81,152
<b>Parts and accessories</b>				
<b>Turret head</b>				
Mandrels, grippers and sleeves				
	2849211003	kg	139,315	6,964
For lathes				
	2849213009	kg	151,214	5,111
Others				
	2849215004	kg	15,375	2,707
<b>Automatically retractable ratchet drills</b>				
	2849217000	kg	0	0
<b>Work holder</b>				
Mechanical assemblies and their standard component sets				
	2849223008	kg	(*)	(*)
For lathes				
	2849225003	kg	463,900	5,369
Others				
	2849227009	kg	24,870	460
<b>Divisor devices and other special devices for assembly in machine-tools</b>				
	2849235002	kg	277,042	9,109
<b>Others</b>				
For machines that pull any material				
	2841403008	---		53,769
For forging, stamping, rolling, curving, straightening, guillotining and stamping metals (including presses); for metal work without cutting materials				
	2841405003	---		89,176
For cold stone, ceramic, concrete, asbestos, cement, glass work and similar				
	2849243006	---		48,204
For working metal, cork, bone, hardened rubber, plastic or hard materials				
	2849245001	---		17,172
For pneumatic tools				
	2824225006	---	(*)	(*)
For electric handsaws and other handtools with motors (electric or not) (excluding pneumatic tools)				
	2824210008	---	(*)	(*)

## MANUFACTURE OF TRACTORS, AGRICULTURAL AND FORESTRY MACHINERY

**Sector 65**

**CNAE 28.3**

DENOMINATION	PRODCOM CODE	UNIT	QUANTITY	VALUE (Thousands of euros)
<b>Pedestrian-controlled tractors</b>	2830100001	Units	464	286
<b>Tractores agrícolas y forestales y demás tractores de ruedas (excepto carretillas tractor Sector 63 y tractores de carretera Sector 67).</b>				

Potencia < 37 kW	2830211003	Units	(*)	(*)
37 kW < potencia < 59 kW	2830221002	Units	(*)	(*)
Potencia > 59 kW	2830230003	Units	(*)	(*)
<b>Agricultural machinery for preparing land, crops and sowing</b>				
Ploughs	2830314003	Units	2,100	10,006
Disc harrows	2830322006	Units	918	6,278
Scarifiers and cultivators	2830321008	Units	3,161	15,972
Tooth harrows	2830323004	Units	(*)	(*)
Spreaders	2830325009	Units	0	0
Other harrows, cultivators, weeders, etc.	2830327005	Units	1,006	4,042
Sembradoras, plantadoras y transplantadoras	2830330009	Units	2,196	31,621
Mineral or chemical fertilizer spreaders	2830343002	Units	1,486	6,171
Other fertilizer spreaders	2830345007	Units	503	8,306
Other agricultural machines for preparing or working the land or for crops; rollers for grass or sports grounds	2830390003	Units	5,107	26,170
<b>Lawn mowers</b>				
<b>With motor</b>				
Electric	2830401005	Units	0	0
With a horizontal revolving blade device	2830403001	Units	0	0
With a cutting device that turns on a vertical plane or with a cutting bar	2830405006	Units	0	0
<b>Without a motor</b>	2830407002	Units	0	0
<b>Harvesting machinery</b>				
<b>Mowers</b>				
Motor mowers and mowers not designed to be dragged by or mounted on a tractor	2830513003	Units	0	0
Others designed to be dragged by or mounted on a tractor	2830515008	Units	(*)	(*)
Others without motor, not designed to be dragged by or mounted on a tractor	2830517004	Units	0	0
<b>Herbicides</b>	2830520008	Units	(*)	(*)
<b>Straw and fodder presses (this also includes pick-up balers)</b>	2830534009	Units	(*)	(*)
<b>Threshers</b>				
Harvester-threshers	2830591505	Units	(*)	(*)
Others	2830593005	Units	(*)	(*)
<b>For collecting roots or tubers</b>				
Potato harvester	2830542002	Units	143	264
Sugar-beet topper	2830545005	Units	(*)	(*)
Others for roots and tubers	2830548009	Units	(*)	(*)
<b>Other harvesting machines</b>				
Pick-up balers				
For traction	2830594509	Units	2,784	22,403
Self-propelled	2830596008	Units	577	10,799
Others (for corn, toppers, grape harvesters, leaf removers, maize huskers, etc.)	2830597006	Units	3,693	20,295
<b>Appliance mechanical for projecting, dispersing or spraying liquids or powders</b>				
<b>Irrigation tools</b>				
Portable, with and without motors (except for irrigation)	2830603007	Units	1,647,173	24,981
Sprayers and sprinklers designed to be carried or dragged by a tractor	2830605002	Units	8,448	45,124
Others	2830609004	Units	4,603	7,981
<b>Trailers and semi-trailers, self-loaders and self-unloaders for agricultural use</b>				
	2830704001	Units	4,734	45,690
<b>Machines for cleaning or classifying eggs, fruits and other agricultural products</b>				
	2830810004	Units	4,221	81,979
<b>Milking machines</b>				
	2830820003	Units	(*)	(*)
<b>Machines for preparing food or feed for animals</b>				
	2830830002	Units	2,406	38,747
<b>Machines For poultry farming</b>				
Incubators and breeders	2830840001	Units	0	0
Others	2830850000	Units	637	26,469
<b>Other agricultural, horticultural, forestry, livestock, poultry farming or beekeeping machines or apparatus</b>				
Wood gatherers	2830863003	Units	96	2,786
Others (including mechanical shearing machines and automatic watering troughs)	2830866006	Units	61,497	33,700
<b>Accessories and loose parts and components</b>				
For land preparing machines	2830920006	---		92,701
For machines and apparatus for harvesting, threshing, lawnmowing, mowing, classifying eggs, fruit, etc.	2830910007	---		40,474
For milking machines and machines and apparatus for the dairy industry	2830940004	---		10,241
For poultry farming machines and apparatus	2830933009	---	(*)	(*)
For other machines and apparatus	2830938008	---		19,310

• (\*) Data not publishable due to statistical secrecy

No results have been found

