

Ulisse Information System

Products Classification

November 2019

## SIUllisse Products Classification

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# A1 Natural Raw Materials

## A1.11 Energy raw materials

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL270900 Crude oil	1 026	0.2	0.4
UL2711A0 Natural gas, liquefied or gaseous state	277	-1.2	0.4
UL270112 Bituminous coal, also pulverized	83	9.6	0.1
UL270119 Coal, whether or not powdered	26	14.0	0.1
UL270210 Lignite	4	27.9	0.0
UL270111 Anthracite, whether or not pulverized	3	-2.1	0.1
UL284410 Natural uranium	3	-13.0	47.9
UL270300 Peat	2	6.9	0.2
UL440200 Charcoal	1	11.3	0.5
UL271410 Shale and tar sands	0	-6.6	0.4
Total	1 425	0.6	0.3

## A1.21 Metal ores

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL260100 Iron ores	79.1	-4.7	0.1
UL260300 Copper ores and concentrates	54.2	8.4	1.6
UL260800 Zinc ores and concentrates	11.3	15.8	1.0
UL260200 Manganese ores and concentrates	6.9	18.9	0.2
UL260600 Aluminium ores and concentrates	4.8	21.4	0.2
UL260700 Lead ores and concentrates	4.3	-3.2	1.5

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UL261300 Molybdenum ores and concentrates	3.6	4.7	12.1
UL261690 Precious metal ores and concentrates	2.9	8.6	2.6
UL260400 Nickel ores and concentrates	2.1	-10.2	1.1
UL261000 Chromium ores and concentrates	1.9	2.7	0.2
UL261400 Titanium ores and concentrates	1.7	7.3	0.4
UL261610 Silver ores and concentrates	1.7	2.3	3.5
UL261510 Zirconium ores and concentrates	1.3	20.3	1.1
UL260500 Cobalt ores and concentrates	0.7	9.5	6.3
UL260900 Tin ores and concentrates	0.4	1.1	7.9
UL261590 Niobium, tantalum or vanadium ores and concentrates	0.4	5.5	14.4
UL261200 Uranium and thorium ores	0.3	-15.1	22.2
UL261710 Antimony ores and concentrates	0.2	10.2	2.0
UL261100 Tungsten ores and concentrates	0.2	-11.3	11.2
UL261790 Other ores and concentrates	0.1	6.7	1.5
Total	178.2	1.5	0.1

## A1.22 Minerals for the chemical industry

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL25A000 Borates and other minerals for the chemical industry	3.7	9.6	0.2
UL250300 Sulphur of all kinds	3.0	4.1	0.1
UL2510A0 Natural calcium phosphates	2.6	2.6	0.1
UL250200 Iron pyrites (not roasted)	0.0	-13.9	0.3
Total	9.3	5.5	0.1

### A1.23 Precious stones, rough diamonds, pearls and corals

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL710231 Diamonds (non-industrial) flocks	37.5	1.4	423 209
UL710210 Diamonds (not selected)	1.5	-1.4	37 527
UL051199 Natural sponges of animal origin	1.4	6.6	2
UL710310 Precious and semi-precious stones, unworked	1.3	-6.4	28
UL710221 Industrial diamonds, unworked	0.7	35.4	25 523
UL7101A0 Natural and cultured pearls, unworked	0.4	2.6	122
UL251320 Emery and other natural abrasives	0.2	1.4	0
UL050800 Coral and similar	0.1	-1.3	2
UL251310 Pumice stone also heat treated	0.1	7.8	1
Total	43.3	1.5	23

### A1.24 Non-metallic mineral

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL251710 Pebbles, gravel of a kind commonly used for concrete	2.4	7.3	0.1
UL251990 Magnesia	1.9	6.6	0.5
UL251510 Marble and travertine	1.7	-1.3	0.2
UL250700 Kaolin	1.6	2.3	0.2
UL250500 Natural sand and gravel	1.5	-0.5	0.1
UL252A00 Limestone and gypsum	1.2	7.3	0.1
UL252600 Natural steatite	0.9	5.9	0.3
UL251610 Granite	0.7	-8.5	0.1
UL251740 Granules, chippings and powder, of stones	0.7	3.6	0.1
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UL250810 Bentonite	0.7	3.3	0.2
UL271490 Bitumen and asphalt, natural	0.6	-2.6	0.4
UL250840 Clays	0.6	6.1	0.3
UL250400 Natural graphite	0.5	6.4	1.1
UL252910 Feldspar	0.4	7.5	0.1
UL25B000 Other monumental or building cutting	0.4	4.2	0.2
UL250610 Quartz	0.4	12.9	0.2
UL262190 Slag and ash, incl. the ashes of kelp	0.3	7.3	0.1
UL252400 Asbestos	0.3	-3.2	0.3
UL250830 Fireclay	0.3	4.6	0.2
UL251810 Dolomite, not calcined	0.2	4.7	0.1
UL253010 Vermiculite, perlite and chlorites (unexpanded)	0.2	1.8	0.2
UL251620 Sandstone	0.2	5.8	0.2
UL252500 Mica	0.2	5.4	0.6
UL251200 Siliceous fossil meals and siliceous earths	0.2	4.8	0.5
UL252930 Leucite, nepheline and nepheline syenite	0.1	0.6	0.2
UL250900 Crete	0.1	0.2	0.2
UL250850 Andalusite, kyanite and sillimanite	0.1	3.2	0.3
UL250860 Mullite	0.1	4.4	0.5
UL251400 Slate	0.1	0.2	0.2
UL250870 Chamotte or dinas	0.1	-1.4	0.2
UL251720 Mixtures of slag and similar industrial waste, mixed with pebbles, gravel	0.0	-5.7	0.0
UL251910 Magnesium carbonate, natural "magnesite"	0.0	12.3	0.4
Total	18.5	3.1	0.1

### A1.31 Rough wood

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL440320 Logs of coniferous wood	7.3	0.4	0.1
UL440399 Other wood in the rough	3.6	-8.0	0.2
UL440349 Tropical wood raw	2.6	17.0	0.3
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UL440391 Oak wood, rough	0.6	7.9	0.2
UL440110 Firewood, into pieces or pellets	0.4	0.8	0.1
UL440392 Beech wood, rough	0.3	-2.0	0.1
UL440341 Dark Red Meranti, Light Red Meranti and Meranti Bakau, raw	0.0	-16.8	0.6
Total	14.9	0.0	0.1

### A1.33 Natural rubber and other non-wood products

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL400120 Natural rubber	10.3	-2.4	1.3
UL400110 Natural rubber latex	1.5	-0.4	1.1
UL140A00 Vegetable materials for plaiting	0.8	5.7	0.8
UL1301A0 Shellac, gum arabic and other natural resins	0.7	5.1	3.6
UL060400 Vegetable materials used for adornment	0.2	4.1	3.8
UL450110 Cork	0.1	13.5	2.4
Total	13.7	-1.3	1.3

### A1.41 Cereals, brown rice and oilseeds

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL120100 Soya beans	52.8	2.8	0.3
UL100100 Wheat	35.8	0.1	0.2
UL100500 Maize	31.7	4.8	0.2
UL120500 Rape or colza seeds	8.8	1.0	0.4
UL100300 Barley	6.4	-0.7	0.2
UL120700 Cotton seed and other oilseeds	4.5	1.2	1.2
UL120600 Sunflower seeds	3.4	6.2	0.7
UL120200 Peanuts	2.6	10.1	1.1
UL100700 Sorghum	1.1	-11.4	0.2
UL100610 Raw rice	0.9	3.4	0.4
UL100800 Buckwheat and millet	0.7	-3.6	0.7

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UL120400 Linseed	0.7	-1.3	0.5
UL100400 Oats	0.6	0.3	0.2
UL121300 Cereal straw and husks	0.3	1.5	0.1
UL100200 Rye	0.3	-1.6	0.2
UL120300 Copra	0.1	2.5	0.9
Total	150.8	2.1	0.2

### A1.42 Live plants, seeds and flowers

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL060200 Live plants	9.2	4.8	2.4
UL0603A0 Flowers and flower buds	7.3	2.6	4.9
UL120991 Vegetable seeds for sowing	3.8	8.2	46.4
UL121490 Forage plants	2.0	6.4	0.3
UL120920 Seeds of forage plants	1.3	2.6	2.0
UL060491 Christmas trees, cut	0.8	6.4	3.2
UL120910 Seeds of sugar beet	0.6	3.8	24.8
UL120930 Seeds of flowering plants	0.3	3.3	73.9
Total	25.4	4.6	1.9

### A1.45 Colonial raw materials

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL090111 Coffee beans, not roasted	16.8	1.3	2.3
UL240100 Natural or unmanufactured tobacco	9.1	1.1	4.7
UL180100 Cocoa beans	7.6	1.8	2.0
UL0902A0 Tea Leaves	4.2	6.1	2.9
UL090300 Mate	0.2	0.8	2.3
Total	37.8	1.9	2.6

### A1.46 Cane and beet sugar

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018

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UL121299 Sugarcane	0.8	5.6	2.6
UL121291 Sugar beet	0.0	-3.3	0.2
Total	0.8	5.2	1.8

### A1.51 Farm animals and their products

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL010200 Live cattle for milk	8.1	2.9	2.4
UL040700 Fresh chicken eggs	3.7	3.3	1.5
UL010300 Pigs, live	3.3	-2.8	1.7
UL010500 Live poultry	2.7	4.1	1.8
UL010100 Horses and other equines, live	2.5	8.3	18.8
UL040900 Natural honey	1.9	2.6	2.9
UL010410 Sheep, live	1.3	-0.3	2.8
UL041000 Edible products of animal origin, n.n.a.	0.5	13.9	19.2
UL0106A0 Other farmed animals n.c.a., live	0.5	9.7	27.7
UL010619 Live domestic rabbits	0.4	-7.1	16.4
UL051110 Semen	0.4	2.9	617.8
UL010420 Goats, live	0.2	-14.0	2.9
UL152190 Insect waxes	0.1	-0.9	6.1
UL010630 Live birds	0.1	5.0	72.8
UL030760 Snails, other than sea	0.1	0.4	4.0
UL010620 Reptiles, snakes, turtles, live	0.0	6.4	84.5
Total	25.8	2.4	2.4

### A1.61 Raw hides and skins

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL410100 Raw hides and skins of bovine or equine animals	3.3	-10.3	1.4
UL430100 Raw furskins	2.0	-9.4	110.3
UL410200 Raw hides and skins of sheep	0.5	-9.9	1.1
UL410300 Raw skins of pigs and reptiles	0.4	-2.3	5.8

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Total	6.3	-9.5	2.2
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### A1.62 Unprocessed textile fibres

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL520100 Cotton, whether or not ginned	15.1	5.0	1.6
UL510110 Raw wool	3.1	10.7	3.7
UL5102A0 Pubic not carded or combed	0.5	3.4	22.3
UL500200 Raw silk (not thrown)	0.4	7.2	51.6
UL530310 Jute and other textile bast fibers, raw or retted	0.1	2.4	1.2
UL530110 Flax, raw or retted	0.0	-2.9	1.1
UL530210 True hemp, raw or retted	0.0	11.5	0.6
UL500100 Silk-worm cocoons suitable for reeling	0.0	25.7	11.5
Total	19.3	5.8	1.8

### A1.91 Waste and scrap

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL720400 Waste of basic iron and steel	33.9	3.5	0.3
ULG00000 Waste and scrap of copper	18.5	1.8	3.5
UL711290 Waste of precious metals	13.5	2.7	50.1
UL760200 Waste and scrap of aluminum	12.3	6.2	1.3
UL470700 Paper and cardboard to recycle	8.2	3.0	0.2
UL440130 Other recyclable waste, non-hazardous n.c.a.	4.1	11.3	0.1
UL391500 Waste, parings and scrap, of plastic	2.7	-17.0	0.3
UL230B00 Residues from the manufacture of alcoholic beverages	2.6	-1.9	0.2

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<i>continues the previous table</i>			
UL854810 Waste and scrap of primary cells	1.3	14.3	7.2
UL81A000 Waste of other non-ferrous metals	0.9	4.2	5.3
UL2620A0 Ash and residues of other non-ferrous metals	0.9	-20.1	1.0
UL261A00 Slag and slag slag	0.8	1.4	0.1
UL750300 Waste and scrap of nickel	0.7	4.9	5.1
UL711230 Ash containing precious metals	0.7	-3.1	83.1
UL262019 Ash and residues, zinc	0.7	24.3	0.9
UL40A000 Waste, parings and scrap of rubber	0.6	0.0	0.4
UL230800 Vegetable materials and vegetable waste, vegetable residues and by	0.6	5.4	0.4
UL890800 Vessels and goods destined for demolition	0.5	-14.8	1.2
UL790200 Zinc waste and scrap	0.5	10.2	1.7
UL780200 Waste and scrap of lead	0.4	5.8	1.3
UL6310A0 Rags, scrap twine of objects out of order	0.4	-2.4	0.5
UL262030 Ash and residues, copper	0.3	2.7	1.3
UL262011 Spelter	0.2	13.1	1.8
UL262020 Ash, residue, sludge lead	0.2	-4.2	0.8
UL240130 Tobacco refuse	0.2	0.1	0.6
UL271090 Waste oils	0.2	-44.0	0.7
UL550500 Waste of synthetic and artificial fibers	0.2	1.7	0.7
UL262040 Ash and residues, aluminum	0.1	2.5	0.6
UL800200 Waste and scrap of tin	0.1	-6.3	6.2
UL500300 Silk waste	0.1	4.8	13.9
UL382590 Other hazardous waste	0.0	1.0	1.3
UL382500 Municipal waste	0.0	9.8	1.0
UL520210 Waste of cotton yarn	0.0	-12.8	0.7
UL262110 Ash and residues from the incineration of waste	0.0	17.9	0.5
<i>continued on next col./page</i>			

<i>continues the previous table</i>			
UL382561 Residual products containing principally organic constituents	0.0	21.2	1.2
UL411520 Leather waste	0.0	-32.1	1.0
UL510300 Waste of wool	0.0	3.3	1.6
UL382569 Residual products of the chemical or allied industries	0.0	8.8	1.1
UL300692 Waste pharmaceuticals	0.0	-16.1	42.3
UL382549 Residues of organic solvents, non-halogenated	0.0	7.2	1.1
UL284450 Elements of nuclear reactors	0.0	26.4	48.9
UL382550 Residues of metal pickling liquors	0.0	-12.2	1.8
UL382541 Waste organic solvents, halogenated	0.0	0.6	1.1
Total	106.8	1.7	0.4

## A2 Industrial Raw Materials

### A2.11 Steel

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL7210A0 Dishes non-alloy steel, plated or coated, width > = 600 mm	44.8	4.1	0.8
UL7208A0 Hot-rolled non-alloy steel, in coils, width > = 600 mm	32.4	5.5	0.5
UL720710 Semi-finished products of iron or non-alloy steel	24.3	7.8	0.5
UL7219A0 Cold rolled products of stainless steel, of a width of > = 600 mm	15.3	3.3	2.1
UL7208B0 Hot-rolled non-alloy steel, not in coils, width > = 600 mm	14.6	2.4	0.6
UL7209A0 Cold-rolled non-alloy steel, in coils, width > = 600 mm	13.6	1.2	0.6
UL7214A0 Hot-rolled bars for reinforced concrete	13.5	-0.6	0.5
UL7202A0 Nickel-iron and other iron alloys	13.3	5.7	2.4
UL721600 Rolled or extruded, of non alloy steel	10.1	1.8	0.6
UL721910 Hot rolled coils, of a width of > = 600 mm, of stainless steel	9.2	7.0	1.6
UL722800 Hot rolled bars in tool steels	8.7	0.2	0.9
UL721391 Wire rods in irregularly wound coils, of circular cross section with a diameter <14 mm	8.0	7.9	0.5

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UL722530 Coils of alloy steel (other than stainless) (width > = 600 mm)	7.3	5.4	0.5
UL720240 Ferrochrome	6.6	7.1	1.1
UL722590 Flat-rolled products of alloy steel, galvanized	6.0	12.9	0.8
UL722540 Flat-rolled products not in coils of alloy steel (other than stainless) (width > = 600 mm)	5.6	1.0	0.8
UL720100 Pig iron and spiegeleisen in primary forms	4.5	4.1	0.3
UL722790 Bars and rods of alloy stainless steel, hanks	4.2	-5.1	0.6
UL720300 Ferrous products obtained by direct reduction of iron ore	3.9	13.5	0.4
UL720220 Ferrosilicon	3.6	6.4	1.3
UL722510 Flat-rolled products of silicon-electrical steel "electrical", width > = 600 mm	3.6	5.5	1.0
UL721100 Hot-rolled non-alloy steel, width <600 mm	3.2	5.9	0.8
UL721920 Do not hot-rolled coils, of a width of > = 600 mm, of stainless steel	3.1	1.4	2.7
UL730200 Elements of steel for the construction of railways	2.9	-2.3	1.0
UL722550 Flat-rolled products of alloy stainless steels, only cold-rolled (width > = 600 mm)	2.8	10.1	0.7
UL730710 Tube or pipe fittings, from cast iron casting	2.8	4.5	3.7
UL722490 Semi-finished alloy steel not stainless	2.7	7.6	1.0
UL722599 Flat-rolled products of alloy stainless steels, further processed (width > = 600 mm)	2.4	14.1	0.9

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<i>continues the previous table</i>				
UL720210	Ferromanganese	2.3	6.6	1.2
UL721310	Wire rod in coils, which have indentations, ribs, grooves	2.0	16.9	0.5
UL721890	Semi-finished products of stainless steel	2.0	15.1	2.8
UL720500	Granules and powders, of iron or steel	1.9	4.8	1.3
UL722100	Bars and rods of stainless steel, in coils	1.7	1.9	2.4
UL730110	Sheet piling of iron or steel	1.4	3.6	0.7
UL730300	Tubes, pipes and hollow profiles, of cast iron	1.4	-3.9	1.0
UL7214B0	Hot rolled non-alloy steel	1.4	2.0	0.6
UL7209B0	Cold-rolled non-alloy steel, not in coils, width > = 600 mm	1.2	1.2	0.7
UL722870	Profiles of alloy steel other than stainless steel	1.1	0.8	1.0
UL721399	Wire rods in irregularly wound coils, of circular cross section with a diameter > = 14 mm	0.9	3.2	0.7
UL722211	Bars of stainless steel, of circular cross-section	0.9	2.0	3.3
UL721320	Wire rods in irregularly wound coils, of non-alloy free-cutting steel	0.8	8.1	0.7
UL722610	Flat-rolled products of silicon-electrical steel "electrical", width of < 600 mm	0.7	5.6	1.2
UL722691	Flat-rolled products of alloy stainless steels, of a width less than 600 mm	0.6	4.1	1.2
UL722230	Bars and rods, forged steel only	0.6	1.5	3.4
UL722240	Sections of stainless steel	0.6	2.4	3.4
UL722810	Bars and rods, of high speed steel	0.6	4.3	9.1
UL722410	Non-stainless steel alloy steel in primary forms	0.4	-5.9	1.9
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UL722720	Bars and rods of silico-manganese steel, in coils	0.4	6.5	0.6
UL722219	Rods of stainless steel, simply hot-rolled,	0.3	4.9	3.4
UL722010	Flat-rolled products of stainless steel, width < 600 mm	0.3	2.1	2.4
UL721430	Bars and rods, automatic, hot-rolled, hot-drawn or extruded	0.3	2.2	0.7
UL730120	Sections of iron or steel, obtained by welding	0.3	-2.2	2.3
UL722860	Alloy stainless steel bars, further treated	0.3	-2.2	1.9
UL720600	Iron and non-alloy steel in primary forms	0.3	-3.3	0.9
UL722820	Bars and rods, of silico-manganese steel	0.3	0.8	0.8
UL721810	Stainless steel in primary forms	0.2	2.0	2.9
UL722880	Hollow drill bars and rods	0.1	0.4	2.7
UL722710	Bars and rods of high speed steel, in coils	0.1	18.3	8.8
UL722620	Flat-rolled products of high speed steel, of a width less than 600 mm	0.1	3.7	9.6
Total		298.8	4.3	0.7

## A2.12 Copper

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL740310 Refined copper, unwrought, unalloyed	51.5	3.0	5.6
UL740800 Copper wire	17.2	4.3	6.0
UL740900 Plates, sheets and strip, of a thickness exceeding 0.15 mm	7.3	6.0	7.3
UL740200 Unrefined copper, copper anodes for electrolytic refining	7.0	11.9	5.8
UL741100 Pipes made of copper	5.8	4.1	7.1
UL7410A0 Copper foil, of a thickness not exceeding 0.15 mm	5.7	5.6	11.7
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UL740700 Bars and rods of copper	5.1	2.6	6.0
UL741200 Copper tube or pipe fittings (couplings, elbows, sleeves)	4.2	6.6	13.5
UL740A00 Refined copper, unwrought, tied	1.5	4.0	5.4
UL740100 Copper mattes; cement copper	0.6	6.8	2.0
UL740600 Copper powders and flakes	0.5	2.9	7.5
Total	106.5	4.3	6.1

### A2.13 Aluminium

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL760100 Unwrought aluminium	46.5	6.4	2.0
UL760600 Plates, sheets and strip, of a thickness exceeding 0.2 mm	29.9	8.9	2.9
UL760400 Bars and rods of aluminium	15.0	8.3	3.6
UL760700 Foil of aluminium, of a thickness not exceeding 0.2 mm	11.2	5.2	3.7
UL281820 Aluminium oxide (excluding artificial corundum)	9.5	-0.7	0.5
UL760500 Aluminium wire	3.8	11.7	2.3
UL760A00 Pipes and pipe fittings, aluminium	2.8	3.7	5.7
UL760300 Aluminium powders and flakes	0.4	1.9	3.1
Total	119.2	6.5	2.0

### A2.14 Lead, zinc and tin

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL790100 Zinc, unwrought	13.4	12.3	2.6
UL780100 Unwrought lead, refined	6.2	9.9	2.0
UL800100 Unwrought tin	3.5	0.0	16.9
UL790A00 Bars, rods, profiles and wire Zinc, plates, sheets, strip and foil Zinc	0.8	0.5	3.1

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UL800300 Bars, rods, profiles and wire, of tin	0.5	-7.6	16.1
UL790300 Zinc dust, powders and flakes (flakes)	0.4	7.5	3.1
UL780400 Plates, sheets, strip and foil; lead powders and flakes	0.3	4.0	2.9
Total	25.1	8.4	2.8

### A2.15 Nickel and other non-ferrous metals

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL750200 Nickel, unwrought	9.5	-6.3	11.6
UL750100 Intermediate products of nickel metallurgy	5.7	7.3	7.0
UL810800 Titanium and articles thereof Titanium	5.0	7.4	29.2
UL810500 Cobalt mattes, cobalt and articles of cobalt	3.5	15.8	54.6
UL750500 Bars, rods, profiles and wire, of nickel	2.4	7.9	21.8
UL811200 Beryllium, chromium, germanium, vanadium, gallium, hafnium, indium, niobium, rhenium and thallium	1.4	4.6	27.2
UL810400 Magnesium and articles of magnesium	1.4	1.8	2.6
UL750600 Plates, sheets, strip and foil, of nickel	1.1	4.1	20.1
UL811100 Manganese and articles thereof Manganese	1.1	10.6	1.9
UL750400 Nickel powders and flakes	1.1	12.6	17.0
UL750700 Pipes and pipe fittings, of nickel	0.9	4.2	36.9
UL811300 Cermets and articles thereof,	0.9	11.8	56.6
UL810300 Tantalum and articles of tantalum	0.7	2.9	328.9
UL810100 Tungsten and articles thereof	0.6	-2.1	59.4

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UL810200 Molybdenum and articles thereof	0.5	-5.4	50.2
Molybdenum			
UL810900 Zirconium and articles of zirconium	0.4	2.6	76.3
UL8110A0 Antimony and articles thereof	0.2	20.0	6.7
Antimony			
UL810A00 Bismuth and articles of bismuth, cadmium and articles of cadmium	0.2	5.9	5.2
Total	36.6	2.8	10.8

## A2.16 Precious metals

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL710810 Gold, unwrought or in powder	194.3	2.7	29 668
UL710813 Gold in semi-manufactured forms, for non-monetary purposes	59.3	21.9	32 496
UL711000 Metals of the platinum group	24.6	7.3	21 941
UL710600 Silver, unwrought or in powder	12.6	-3.2	404
UL710692 Silver in semi-manufactured forms	1.7	-4.5	236
UL71A000 Metals plated with gold or platinum	0.2	15.2	150
Total	292.8	5.4	5 911

## A2.21 Petroleum products and derivatives of coal

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL271019 Petroleum oils and oils	405.3	-2.5	0.5
UL271011 Motor spirit	265.4	2.8	0.6
UL271112 Propane, liquefied	42.5	3.4	0.4
UL271300 Coke and petroleum bitumen	18.7	4.2	0.2
UL271113 Butane, liquefied	15.7	4.2	0.5
UL270400 Coke of coal	8.0	14.3	0.3
UL271119 Hydrocarbons, gases, liquefied, n.n.a.	4.5	1.4	0.8

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UL271200 Petroleum jelly, paraffin wax; petroleum and other waxes	3.0	-1.2	1.1
UL271114 Ethylene, propylene, butylene and butadiene, liquefied	2.1	-2.4	0.7
UL270B00 Tar and coal pitch	2.0	12.8	0.6
UL271129 Hydrocarbons in the gaseous state, n.n.a.	0.4	-29.2	8.5
UL270A00 Briquettes, ovoids and similar solid fuels	0.1	-6.8	0.2
Total	767.8	-0.1	0.5

## A2.22 Organic basic chemicals

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL293300 Heterocyclic compounds with nitrogen hetero-atom only	31.8	0.8	12.5
UL290240 Xylene	20.8	7.2	0.9
UL293400 Nucleic acids and other heterocyclic compounds - thiazole, benzothiazole, other cycles	14.8	1.0	38.2
UL292200 Amino-compounds with oxygen function	13.0	4.8	5.5
UL290530 Ethylene glycol and propylene	11.0	0.7	0.9
UL290511 Methanol "methyl alcohol"	10.4	6.9	0.4
UL290250 Styrene	10.0	-5.6	1.1
UL2707B0 Naphthalene and mixtures of aromatic hydrocarbons	7.4	-3.9	0.6
UL290121 Ethylene	7.3	6.0	1.0
UL270790 Creosote oils and other products of the distillation of coal tar	7.2	28.6	0.4
UL290220 Benzene	6.9	-2.9	0.7
UL292910 Isocyanates	6.8	13.1	2.9
UL290122 Propene "propylene"	6.6	-2.5	0.9
UL290700 Monophenols and polyphenols	6.5	2.2	1.4

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UL291800 Citric acid, carboxylic acids, its salts and esters	6.5	4.7	2.3	UL292610 Acrylonitrile	2.8	2.2	1.6
UL293100 Organoinorganic compounds not chemically defined compounds, nes	6.2	5.1	3.8	UL291612 Esters of acrylic acid	2.8	0.2	1.5
UL290910 Acyclic ethers and their halogenated, sulfonated, nitrated or nitrosated	6.0	-2.9	2.2	UL290124 Buta-1 ,3-diene and isoprene	2.7	4.4	1.1
UL29173B Phthalic anhydride, terephthalic acid and its salts	5.8	-1.2	0.8	UL291590 Monocarboxylic acids, saturated, acyclic	2.6	6.0	2.3
UL220710 Undenatured ethyl alcohol	5.5	9.0	0.6	UL290321 Vinyl chloride "chloroethylene"	2.5	5.3	0.6
UL291530 Esters of acetic acid	5.2	3.0	1.1	UL290230 Toluene	2.3	-4.3	0.7
UL293200 Heterocyclic compounds with oxygen hetero-atom only	4.6	8.3	11.3	UL29173C Polycarboxylic acids, aromatic	2.3	9.6	1.4
UL350790 Enzymes and prepared enzymes	4.5	4.9	9.2	UL291521 Acetic acid	2.2	8.2	0.6
UL2930B0 Other organosulfur compounds	4.2	0.3	3.8	UL2926A0 Nitrile-function compounds	2.0	0.2	5.5
UL382319 Industrial monocarboxylic fatty acids, acid oils from refining	3.7	3.4	0.7	UL290129 Hydrocarburic acyclic	2.0	-0.3	1.7
UL290110 Hydrocarbons, acyclic, saturated	3.5	8.2	1.3	UL29051A Lauryl alcohol, cetyl alcohol, stearic acid and other saturated monohydric	1.9	0.4	1.5
UL290940 Other etheralcohols and their derivatives	3.5	9.4	1.4	UL291020 Methyloxirane "propylene oxide"	1.9	-8.1	1.2
UL2707A0 Benzene, toluene, xylene	3.4	-2.4	0.6	UL290600 Cycloparaffinic menthol and other alcohols, and aromatic nitrated or nitrosated	1.8	8.0	7.1
UL2930A0 Thiocarbamates and dithiocarbamates; mono-, di-or tetrasulphides; methionine	3.3	16.1	2.1	UL2916A0 Acrylic acid and its salts	1.7	2.0	2.2
UL290330 Fluorinated, brominated or iodinated derivatives of acyclic hydrocarbons	3.2	20.2	7.1	UL291411 Acetone	1.7	-0.2	0.7
UL2905A0 Other diols and polyalcohols, excl. D-glucitol	3.1	8.6	2.0	UL220720 Ethyl alcohol and other spirits, of any strength, denatured	1.6	3.1	0.7
UL291614 Esters of methacrylic acid	3.0	6.7	2.4	UL2917A0 Oxalic acid, azelaic, maleic, other, cyclic, cyclenic ... and their salts	1.6	7.4	2.8
UL382370 Industrial fatty alcohols	2.8	8.7	1.4	UL29212A Hexamethylenediamine and its salts; ethylenediamine and its salts	1.5	0.2	1.9
<i>continued on next col./page</i>				UL29214B Aniline and derivatives	1.4	0.2	1.6
				UL2920A0 Esters of other inorganic acids of non-metals	1.4	4.7	2.6
				UL290545 Glycerol "glycerine"	1.4	12.6	0.8
				UL291712 Adipic acid, its salts and esters	1.4	2.0	1.4
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UL290512 Propan-1-ol "propyl alcohol" and propan-2-ol "isopropyl alcohol"	1.3	4.2	1.0
UL290270 Cumene	1.3	-9.1	0.9
UL292150 Aromatic polyamines and their derivatives, and salts thereof	1.3	1.4	3.4
UL29214A Aromatic monoamines and their derivatives, salts thereof	1.3	1.0	8.7
UL380600 Rosin and resin acids; gums	1.2	-5.0	1.5
UL294200 Compounds, organic	1.1	0.1	18.4
UL2925A0 Imines and their derivatives, and salts thereof	1.1	7.6	7.1
UL292800 Organic derivatives of hydrazine and hydroxylamine	1.1	0.3	8.7
UL2915A0 Mono-, di- or trichloroacetic acids, propionic, butyric, valeric, salts and esters	1.0	2.4	1.6
UL290211 Cyclohexane	1.0	-6.3	1.4
UL290219 Hydrocarbons, Alicyclic	1.0	4.5	3.7
UL290315 1,2-Dichloroethane (ethylene dichloride)	1.0	-0.6	0.6
UL292119 Monoamines, acyclic, and their derivatives, salts thereof	1.0	3.8	3.2
UL290360 Halogenated derivatives of aromatic hydrocarbons	1.0	8.5	2.7
UL290930 Aromatic ethers and their halogenated, sulfonated, nitrated or nitrosated	0.9	2.6	13.0
UL382311 Industrial stearic acid	0.9	2.0	0.7
UL290516 Octanol "octyl alcohol" and isomers thereof	0.9	-5.6	1.1
UL2910A0 Other epoxides, epoxy-alcohols, epoxy-phenolic, epoxy-ethers	0.9	10.3	1.9
<i>continued on next col./page</i>			

<i>continues the previous table</i>			
UL290520 Unsaturated monohydric acyclic	0.8	6.2	8.1
UL291429 Ketones, alicyclic (containing) other oxygen function	0.8	7.8	9.4
UL2914A0 Camphor and ketone-alcohols, aldehydes, phenols, etc.	0.8	7.0	7.4
UL291733 Dinonyl or didecyl	0.8	4.8	1.2
UL29173A Orthophthalates dibutyl phthalate	0.8	-2.9	1.2
UL291900 Phosphoric esters and their derivatives	0.8	4.0	2.4
UL291570 Palmitic acid, stearic acid, their salts and esters	0.8	1.7	1.5
UL290123 Butene "butylene" and isomers thereof	0.8	-2.2	1.0
UL291510 Formic acid, its salts and esters	0.7	8.4	0.8
UL291412 Butanone "methyl ethyl ketone"	0.7	1.7	1.3
UL290340 Halogenated derivatives of acyclic hydrocarbons containing > = 2 halogens	0.7	9.1	3.2
UL290941 2,2-Oxydiethanol (diethylene glycol; digol)	0.7	-1.1	0.8
UL292129 Polyamines, acyclic, and their derivatives, salts thereof	0.7	2.0	2.8
UL290290 Hydrocarbons, Cyclic	0.7	-0.4	2.2
UL290260 Ethylbenzene	0.7	13.6	0.9
UL291219 Aldehydes, acyclic (containing) other oxygen function	0.7	1.5	3.0
UL291639 Monocarboxylic acids, aromatic	0.6	5.4	9.6
UL290513 Butan-1-ol (n-butyl alcohol)	0.6	-6.4	0.9
UL380290 Diatomaceous earth and other minerals activated	0.6	3.5	0.4
UL292130 Monoamines and polyamines	0.6	6.7	4.4
UL290960 Alcohol peroxides and ethers	0.5	6.3	3.6
UL290800 Halogenated, sulphonated, nitrated or nitrosated derivatives of phenols or phenol-alcohols	0.5	13.4	5.0
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<i>continues the previous table</i>			
UL292700 Diazo-, azo and azoxy	0.5	6.6	4.2
UL291422 Cyclohexanone and methylcyclohexanones	0.5	-1.2	1.3
UL291240 Aldehyde-ethers, aldehyde-phenols and aldehydes with other oxygen function	0.5	6.6	11.5
UL290410 Sulphonated hydrocarbons	0.5	-0.2	1.5
UL291714 Maleic anhydride	0.5	2.7	1.2
UL291631 Benzoic acid, its salts and esters	0.5	2.6	1.7
UL291470 Halogenated, sulphonated, nitrated or nitrosated derivatives of ketones or quinones	0.5	2.2	17.6
UL291010 Oxirane "ethylene oxide"	0.5	0.6	1.4
UL291220 Cyclic aldehydes without other oxygen function	0.4	3.9	6.2
UL380400 Residual lyes from the manufacture of wood pulp	0.4	-1.8	0.3
UL291524 Acetic anhydride	0.4	3.1	0.9
UL292990 Compounds with nitrogen functions	0.4	2.7	5.4
UL290544 D-glucitol "sorbitol"	0.4	6.2	0.8
UL291613 Methacrylic acid and its salts	0.3	9.4	2.6
UL291460 Quinones	0.3	1.5	24.0
UL290514 Butanols	0.3	-2.4	0.9
UL290950 Ether-phenols	0.3	7.7	12.2
UL291419 Ketones, acyclic (containing) other oxygen function	0.3	11.3	4.5
UL380500 Essences Gum, wood or sulphate turpentine, pine oil, and the like	0.3	16.5	3.0
UL382312 Oleic acid industrial	0.3	7.4	1.0
UL290490 Sulphonated, nitrated or nitrosated derivatives of hydrocarbons, whether or not halogenated	0.2	2.4	2.8
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<i>continues the previous table</i>			
UL382313 Tall oil fatty acids industrial	0.2	2.0	1.1
UL291413 4-Methylpentan-2-one (methyl isobutyl ketone)	0.2	1.1	1.3
UL291529 Salts of acetic	0.2	7.0	2.1
UL292111 Mono-, di- or trimethylamine and their salts	0.2	-2.2	1.1
UL290420 Derivatives of hydrocarbons, containing only nitro or only nitroso groups	0.2	6.9	2.3
UL290312 Dichloromethane "methylene chloride"	0.2	4.0	0.6
UL380300 Tall oil, whether or not refined	0.2	0.0	0.6
UL292421 Ureines and their derivatives, and salts thereof	0.2	4.8	11.2
UL291260 Paraformaldehyde	0.2	4.3	0.7
UL290320 Trichlorethylene, tetrachlorethylene (perchlorethylene)	0.2	2.6	0.7
UL290550 Halogenated, ... or nitrosated derivatives of acyclic alcohols	0.2	2.8	6.4
UL292620 1-cyanoguanidine "dicyandiamide"	0.2	11.7	2.0
UL291211 Methanal "formaldehyde"	0.2	1.0	0.5
UL291423 Ionones and methylionones	0.2	5.9	13.3
UL291615 Oleic, linoleic or linolenic acids, their salts and esters	0.1	5.4	1.9
UL292511 Saccharin and its salts	0.1	-0.5	6.6
UL291632 Benzoyl peroxide and benzoyl chloride	0.1	4.5	3.2
UL290350 Halogenated derivatives of cyclanic, nitrated or nitrosated	0.1	0.7	26.7
UL380700 Wood tar, wood tar oils	0.1	6.5	1.4
UL350710 Rennet and concentrates thereof	0.1	5.0	8.2
UL290329 Chlorinated derivatives of acyclic hydrocarbons (unsaturated)	0.1	0.3	3.3
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UL290311 Chloromethane "methyl chloride" and chloroethane "ethyl chloride"	0.1	4.3	0.8
UL290920 Ethers cycloparaffinic	0.1	10.2	15.4
UL291300 Derivatives of aldehydes	0.1	5.9	6.0
UL290319 Saturated chlorinated derivatives of acyclic hydrocarbons	0.1	-2.7	3.4
UL290313 Chloroform "chloroform"	0.1	-4.3	1.7
UL291100 Acetals and hemiacetals	0.1	-2.4	8.1
UL291212 Ethanal "acetaldehyde"	0.1	2.9	6.5
UL291250 Cyclic polymers of aldehydes	0.0	-16.5	4.5
UL291630 Phenylacetic acid, its salts and esters	0.0	1.0	7.1
UL290314 Carbon tetrachloride	0.0	-2.8	0.4
Total	329.2	2.9	1.3

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UL281122 Silicon Dioxide	2.5	3.7	1
UL284390 Compounds of precious metals	2.3	-8.5	1 458
UL840130 Fuel elements (cartridges), non-irradiated, for nuclear reactors	2.1	-5.5	327
UL283500 Phosphates and polyphosphates	2.0	5.2	1
UL284900 Carbides, whether or not chemically defined	1.7	3.0	1
UL281830 Aluminum hydroxide	1.5	9.7	0
UL284440 Radioactive compounds	1.4	5.5	397
UL28D000 Phosphides, hydrides, nitrides, azides, silicides and borides	1.3	27.0	12
UL282600 Fluorides; fluorosilicates, fluoroaluminates and other complex fluorine salts	1.3	9.4	2
UL282730 Chlorides, excluding ammonium	1.2	2.5	1
UL280700 Sulfuric acid, oleum	1.2	6.4	0
UL284600 Compounds of rare earth metals and mixtures of these metals	1.0	7.3	20
UL281511 Sodium hydroxide "caustic soda" solid	0.9	14.6	1
UL2840A0 Borates; perborates (perborates)	0.9	2.0	0
UL2801A0 Iodine, fluorine, bromine	0.9	-4.4	10
UL284330 Gold compounds	0.8	3.0	4 290
UL281111 Hydrogen Fluoride "hydrofluoric acid"	0.8	10.8	1
UL283700 Cyanides, cyanide oxides and complex cyanides	0.8	3.4	2
UL284700 Hydrogen Peroxide	0.8	7.5	0
UL284190 Salts of oxometallic or peroxometallic acids	0.7	-1.9	9
UL280500 Alkali or alkaline-earth metals; rare earth metals, scandium and yttrium; mercury	0.7	5.1	8

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## A2.23 Inorganic basic chemicals

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL280460 Silicon	7.1	-1.0	4
UL281512 Sodium hydroxide (caustic soda) in aqueous solution	5.2	17.2	0
UL280300 Carbon "carbon blacks and other forms of carbon"	4.7	4.9	1
UL280920 Phosphoric acid and polyphosphoric acids, whether or not chemically defined	3.7	4.1	1
UL284420 Enriched uranium and plutonium and their compounds	3.6	4.6	687
UL283620 Disodium carbonate	3.3	9.4	0
UL2833A0 Sulphates, excluding those of aluminum and barium	3.0	9.0	0
UL2836A0 Other carbonates	2.7	20.4	2

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UL283650 Calcium carbonate	0.7	-0.2	0	UL282740 Chloride oxides and chloride hydroxides of copper and other metals	0.3	13.1	2
UL283A00 Sulfides, polysulfides, whether or not chemically defined; dithionites and sulphoxylates	0.7	8.0	1	UL284290 Salts of inorganic acids or peroxyacids	0.3	-1.2	3
UL2827A0 Bromides and bromide oxides, iodides and iodide oxides	0.7	6.0	2	UL280610 Hydrogen chloride "hydrochloric acid"	0.2	1.6	0
UL283630 Hydrogen "baking soda" sodium	0.7	9.2	0	UL710420 Ungraded synthetic or reconstructed, unworked	0.2	5.3	273
UL284210 Double or complex silicates of metals	0.7	17.2	2	UL281210 Chlorides and chloride oxides	0.2	7.7	2
UL281A00 Oxides of boron, boric acids, other inorganic acids	0.6	1.0	1	UL282510 Hydrazine and hydroxylamine and their inorganic salts	0.2	7.5	3
UL2804A0 Phosphorus, arsenic, selenium	0.6	2.3	3	UL2816A0 Magnesium hydroxides and peroxides, of strontium or barium	0.2	4.0	1
UL283900 Silicates, commercial alkali metal silicates	0.6	0.6	0	UL283340 Peroxosulphates "Persulphates"	0.2	5.9	2
UL281520 Potassium hydroxide "caustic potash"	0.6	2.8	1	UL280110 Chlorine	0.2	6.8	0
UL282900 Chlorates and perchlorates; bromates and perbromates; iodates and periodates	0.6	-1.0	1	UL2841B0 Chromates and dichromates; peroxochromates	0.1	0.8	1
UL282800 Hypochlorites, commercial calcium hypochlorite; chlorites; hypobromites	0.6	6.7	1	UL280450 Boron, Tellurium	0.1	10.4	70
UL2841A0 Manganites, manganates and permanganates, molybdates, tungstates (wolframates)	0.5	-1.9	10	UL283510 Phosphinates "hypophosphites" and phosphinates "phosphites"	0.1	5.9	2
UL283531 Sodium triphosphate	0.5	-7.6	1	UL284321 Silver nitrate	0.1	-3.6	141
UL281290 Halides and asialogenuri elements (non-metallic)	0.4	9.2	16	UL281300 Sulphides of non-metals; commercial phosphorus trisulfide	0.1	4.1	1
UL283200 Sulfites	0.4	9.5	0	UL283522 Phosphate or disodium monoxide	0.1	5.1	2
UL283429 Nitrates	0.4	8.6	1	UL284329 Silver compounds, other than silver nitrate	0.1	-1.7	219
UL283525 Calcium hydrogen "dicalcium phosphate"	0.3	-1.1	1	UL280200 Sulphur, sublimed or precipitated, colloidal sulfur	0.1	-12.8	1
UL283320 Barium sulphate or aluminum	0.3	3.9	0	UL710410 Piezoelectric quartz, natural, synthetic or reconstructed	0.1	7.4	153
UL284500 Heavy water, other isotopes and their compounds	0.3	12.4	510	UL284310 Compounds of precious metals	0.1	-11.0	286
				UL283230 Thiosulphates	0.1	9.7	1
				UL284430 Depleted uranium and thorium and their compounds	0.0	16.4	16
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UL280910 Diphosphorus pentaoxide	0.0	2.7	2
UL285200 Organic or inorganic compounds, mercury amalgams escl.gli	0.0	-1.7	29
UL283330 Alums	0.0	5.9	1
UL260120 Roasted iron pyrites	0.0	-32.4	0
UL280620 Acid chlorosulphuric	0.0	0.9	1
UL281530 Peroxides of sodium or potassium	0.0	2.4	9
Total	73.5	4.6	1

### A2.31 Plastics in primary forms

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL390100 Polymers of ethylene, in primary forms	73.0	3.9	1.2
UL390210 Polypropylene, in primary forms	23.8	1.7	1.2
UL390300 Polymers of styrene, in primary forms	22.1	3.2	1.6
UL390400 Polymers of vinyl chloride, in primary forms	17.1	3.7	1.1
UL3902A0 Other polymers of propylene or of other olefins, in primary forms	16.7	4.0	1.5
UL390600 Acrylic polymers in primary forms	14.9	4.3	1.9
UL3909B0 Other aminoresins, phenolic resins and polyurethanes, in primary forms	14.5	7.0	2.4
UL390800 Polyamides in primary forms	14.5	5.4	2.9
UL390760 Poly "ethylene terephthalate", in primary forms	13.2	7.6	1.1
UL390720 Polyethers, in primary forms	11.5	3.8	1.9
UL3907A0 Polyesters esters and other polyesters, in primary forms	10.9	5.3	2.4

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UL390740 Polycarbonates, in primary forms	10.8	6.0	2.6
UL391000 Silicones in primary forms	7.5	7.1	4.8
UL391100 Petroleum resins and polysulfide, in primary forms	5.9	4.5	3.1
UL390730 Epoxide resins, in primary forms	5.6	4.2	3.4
UL391200 Cellulose and its chemical derivatives, nes, in primary forms	4.9	2.4	3.8
UL3905C0 Other vinyl polymers in primary forms	3.3	4.9	2.7
UL391300 And modified natural polymers, nes, in primary forms	2.0	4.9	7.8
UL390710 Polycetals, in primary forms	2.0	5.4	1.8
UL3909A0 Urea resins, thiourea resins and melamine resins, in primary forms	1.5	3.7	0.9
UL391400 Ion exchangers based on polymers in primary forms	1.3	7.1	4.5
UL3905B0 Polymers of vinyl acetate in non-aqueous dispersion, in primary forms	0.9	3.4	1.9
UL3905A0 Polymers of vinyl acetate in aqueous dispersion, in primary forms	0.9	3.9	1.1
UL390750 Alkyd resins, in primary forms	0.8	0.3	1.7
Total	279.6	4.3	1.5

### A2.32 Synthetic rubber in primary forms

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL400200 Synthetic rubber in primary forms	22.2	7.3	1.8
Total	22.2	7.3	1.8

### A2.33 Man-made fibres

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL5402A0 Other synthetic simple	11.0	3.7	2.2
UL550A00 Synthetic filament tow and staple fibers, not carded or combed	8.3	2.0	1.6
UL550B00 Artificial filament tow and staple fibers, not carded or combed	3.9	-0.4	2.3
UL5402B0 High-tenacity yarn of polyamides and polyesters	3.6	3.6	2.8
UL5404A0 Synthetic monofilament, strip and the like, of synthetic textile materials	1.1	4.2	5.3
UL540330 Other artificial filament yarn simple	0.7	0.6	5.2
UL540310 High-tenacity yarn of viscose rayon	0.2	11.1	4.2
UL540500 Artificial monofilament of > = 67 decitex section of <= 1 mm, width <= 5 mm	0.0	-7.9	7.0
Total	28.8	2.6	2.1

### A2.41 Pulp

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL470300 Chemical wood pulp, soda or sulphate	33.2	10.6	0.6
UL470200 Chemical wood pulp, dissolving grades	3.5	1.2	0.8
UL470A00 Mechanical pulp and semi-chemical wood	2.0	6.5	0.5
UL470600 Pulps of fibrous materials other than wood	0.8	4.9	0.8
UL470400 Chemical wood pulp, sulphite	0.3	-4.7	0.7
Total	39.7	9.1	0.6

## B1 Unpacked Food

### B1.11 Fresh and frozen meat

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL020200 Meat of bovine animals, frozen	20.7	5.3	3.6
UL020100 Meat of bovine animals, fresh or chilled	20.5	5.0	5.1
UL0207B0 Meat of poultry, frozen	15.4	0.7	1.3
UL020310 Meat of swine, fresh or chilled	13.1	-0.3	2.1
UL020320 Meat of swine, frozen	10.8	2.0	2.1
UL0207A0 Meat of poultry, fresh or chilled	7.0	4.4	2.0
UL020A00 Other meat and edible offal,	6.2	3.4	1.6
UL050400 Guts, bladders and stomachs of animals	4.1	7.2	3.9
UL0204B0 Meat of sheep, frozen	3.6	5.1	4.5
UL0204A0 Meat of sheep, fresh or chilled	2.7	6.0	6.5
ULB00000 Fats of	1.9	-0.5	0.6
UL020600 Edible offal	1.0	2.7	1.5
UL020500 Horsemeat, mules or hinnies, fresh, chilled or frozen	0.4	5.2	3.3
UL020450 Meat of goats, fresh or chilled	0.3	4.0	5.0
Total	107.6	3.2	2.3

### B1.13 Fish (fresh, frozen, dried and smoked)

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL030300 Frozen fish	20.5	6.4	1.7

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UL030610 Crustaceans, frozen	20.3	6.4	7.3
UL030200 Fish, fresh or chilled	18.5	8.1	5.2
UL030420 Frozen fish fillets	13.7	6.1	4.3
UL030410 Fish fillets, fresh or chilled	5.4	8.7	8.9
UL030620 Fish, fresh or chilled	4.4	14.2	11.3
UL030490 Fish meat (whether or not minced), frozen	2.4	5.1	2.6
UL030540 Fish, including fillets, smoked	2.2	6.4	12.2
UL0305B0 Dried fish (even salted or in brine)	2.2	3.3	4.8
UL0307A0 Molluscs	1.9	5.2	4.9
UL030190 Live fish	1.4	3.4	6.1
UL03D000 Livers and roes of fish	1.0	7.2	6.8
UL030530 Fish fillets (not smoked), dried, salted or in brine	0.5	4.4	5.6
Total	94.4	6.9	3.8

### B1.15 Feed

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL230990 Food for fish and birds	14.3	6.2	0.9
UL230120 Flours, meals of fish, unfit for human consumption	4.2	5.3	1.3
UL230110 Flours, of meat unfit for human consumption; greaves	1.9	7.5	0.4
UL051191 Other inedible products of fish or crustaceans	0.5	6.9	3.4
UL121410 Meal and pellets in the form of pellets, alfalfa	0.4	3.0	0.2
Total	21.4	6.1	0.8

## B1.21 Fresh fruit

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL080300 Bananas, plantains and similar	13.0	8.8	0.6
UL080400 Other tropical and subtropical fruits	11.4	12.7	1.3
UL080100 Coconuts	7.8	12.8	3.0
UL080610 Grapes, fresh	7.1	3.6	1.6
UL080810 Apples	6.8	4.0	0.8
UL080210 Almonds in shell	5.6	4.4	5.1
UL0810A0 Other berries	5.1	16.6	1.2
UL080510 Oranges	4.7	7.4	0.7
UL080520 Tangerines, mandarins, clementines	4.1	4.5	0.8
UL080550 Lemons and limes	3.2	9.5	1.0
UL080250 Pistachios	3.0	4.8	7.0
UL081050 Kiwi	2.6	10.2	1.7
UL081040 Blueberries	2.6	18.6	5.2
UL080230 Walnuts	2.6	4.3	4.8
UL080920 Cherries	2.5	14.0	3.7
UL081010 Strawberries	2.3	5.8	2.7
UL080820 Pears	2.3	2.3	0.9
UL0802A0 Other nuts	2.1	4.2	6.5
UL080930 Peaches	2.0	2.7	1.1
UL080220 Hazelnuts in shell	1.5	-1.1	5.2
UL081020 Raspberries	1.5	12.8	7.0
UL080540 Pomelo and grapefruits	0.8	5.7	0.7
UL080940 Plums and prunes	0.7	5.7	1.2
UL080910 Apricots	0.4	1.3	1.2
UL120999 Seeds, fruit and spores, for sowing	0.3	4.1	16.4
UL080240 Chestnuts	0.3	1.6	2.8
UL080590 Other citrus fruits	0.1	-0.9	1.1
Total	96.3	7.9	1.2

## B1.31 Vegetables (fresh and preserved)

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL070200 Tomatoes	8.2	4.0	1.1
ULD00000 Potatoes, frozen	6.5	6.9	0.8

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UL0710A0 Vegetables, frozen	5.5	5.0	1.0
UL070960 Chillies and peppers, green (only capsicum)	4.6	6.0	1.3
UL070100 Fresh potatoes	3.7	3.4	0.3
UL070990 Artichokes	3.6	1.3	1.1
UL070310 Onions	3.0	5.5	0.4
UL071330 Dried beans	3.0	0.3	0.8
UL070400 Cabbage, cauliflower and broccoli	2.7	8.2	0.7
UL070500 Lettuce and chicory	2.4	5.3	1.1
UL070700 Cucumbers and gherkins	2.3	5.3	0.9
UL200520 Potatoes in the form of flour, meal or flakes, not frozen, preserved	2.0	4.4	2.3
UL071230 Dried mushrooms and truffles	2.0	25.3	11.5
UL070320 To	1.8	6.3	0.9
UL080711 Watermelons	1.7	10.7	0.4
UL070950 Mushrooms and truffles	1.7	5.4	2.6
UL071310 Dried peas	1.7	0.2	0.3
UL071340 Dried lentils	1.6	-0.4	0.5
UL080719 Other melons	1.5	5.0	0.7
UL071320 Dried chickpeas	1.5	16.9	0.7
UL071290 Dried vegetables	1.4	6.3	2.9
UL071410 Cassava	1.3	-6.5	0.4
UL070800 Beans and other green leafy vegetables	1.3	6.2	1.6
UL070610 Carrots and turnips	1.2	8.8	0.5
UL070920 Asparagus	1.2	5.9	2.9
UL200550 Beans, preserved	0.8	3.2	0.9
UL110500 Flour, meal and flakes of potatoes	0.6	5.0	1.1
UL071100 Vegetables provisionally preserved	0.5	2.4	1.0
UL071420 Sweet potatoes	0.5	21.8	0.7
UL070690 Other root, bulb or tuberous	0.5	3.5	0.7
UL070930 Eggplant	0.4	4.8	1.0
UL071490 Other edible roots and tubers with high starch	0.4	4.8	1.1

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UL071350 Dried beans	0.4	2.7	0.5
UL071390 Legumes (dried leguminous vegetables) n.c.a.	0.4	-0.7	0.7
UL071220 Onions, dried	0.3	-0.1	1.8
UL070970 Spinach	0.3	8.6	2.0
UL070390 Leeks and other allium vegetables	0.3	4.2	1.0
UL200540 Peas, preserved	0.3	-1.8	0.9
UL070940 Fresh vegetables n.c.a.	0.2	4.1	0.7
Total	73.1	5.0	0.8

### B1.41 Rice, flour and starches

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL110100 Wheat	4.6	4.0	0.3
UL350510 Dextrins and other modified starches	3.1	3.6	0.8
UL110810 Other starches	1.9	5.3	0.4
UL100620 Husked rice	1.5	9.6	0.6
UL230200 Bran cereal	1.5	5.4	0.2
UL110900 Wheat gluten "wheat"	1.5	9.3	1.4
UL230310 Residues of starch manufacture and similar residues	1.3	0.1	0.4
UL110812 Cornstarch	0.9	7.6	0.4
UL110300 Cereal meal	0.8	-0.1	0.4
UL110813 Potato starch	0.6	2.7	0.7
UL110220 Cornstarch	0.5	15.4	0.5
UL110600 Flour and meal of vegetables, fruits, tubers	0.5	9.2	2.2
UL110290 Cereal flours	0.4	7.0	0.7
UL151529 Maize oil, refined	0.4	-2.5	1.1
UL110811 Wheat starch	0.3	6.5	0.4
UL151521 Maize oil, crude	0.2	1.5	0.7
UL110820 Inulin	0.1	-4.8	2.4
UL190300 Preparations of tapioca	0.1	14.1	1.2
Total	20.2	4.8	0.4

### B1.43 Sugar, cocoa and spices

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
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UL170100 Raw cane or beet sugar	9.6	-3.9	0.4
UL180400 Cocoa butter, fat and oil	4.7	2.2	4.7
UL180620 Chocolate, in packs > 2 kg	4.0	4.6	2.8
UL121100 Aromatic and medicinal plants	2.7	4.6	4.7
UL180300 Cocoa paste	2.5	0.4	2.5
UL1702B0 Fructose and fructose syrup	2.2	3.8	0.9
UL180500 Cocoa powder (excl. sugar or other sweetening matter)	2.0	5.3	1.9
UL1702A0 Glucose and glucose syrup	1.8	-1.0	0.4
UL090420 Chillies and peppers, dry (capsicum spp.), unprocessed	1.8	17.1	2.0
UL091000 Other spices, not processed	1.6	8.6	3.2
UL090411 Pepper (of the genus Piper), unprocessed	1.2	-9.9	3.2
UL090500 Vanilla	1.1	55.3	226.4
UL090900 Anise, star anise, coriander, cumin, unprocessed	0.9	11.9	1.7
UL121220 Algae	0.9	5.9	4.3
UL091010 Ginger	0.7	1.9	1.1
UL090800 Nutmeg, mace and cardamoms, raw	0.7	11.6	8.3
UL170300 Cane molasses and beet	0.7	-0.9	0.3
UL090600 Cinnamon	0.7	18.1	3.4
UL121000 Hops	0.6	19.1	11.3
UL230320 Residues from the processing of sugar beet	0.5	-1.1	0.2
UL090700 Carnations whole fruit, cloves and stems	0.5	14.6	6.6
UL170220 Sugar and maple syrup	0.3	6.1	5.5
UL170110 Cane or beet colored or flavored	0.2	-19.4	1.2
UL180200 Cocoa shells, husks "skins" and other cocoa waste	0.0	-11.0	0.4
Total	42.0	2.1	0.9



## B1.51 Vegetable oil and animal fats

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL230A00 Solid residues, of vegetable oils	29.0	-1.6	0.3
UL151190 Palm oil, refined	19.9	1.8	0.6
UL151110 Palm oil, crude	7.0	-3.8	0.5
UL150710 Soybean oil, crude	6.6	2.0	0.6
UL151211 Sunflower oil, crude	6.0	5.0	0.7
UL151A00 Other vegetable oils, crude	2.9	6.6	1.7
UL1514A0 Rape, colza and mustard oil, crude	2.8	-1.3	0.7
UL151600 Fats and oils, hydrogenated, esterified	2.7	0.9	1.2
UL151B00 Other vegetable oils, refined	2.6	4.4	1.0
UL150400 Fats and oils of fish	1.7	5.6	2.2
UL151319 Coconut oil, refined	1.4	4.2	1.4
UL151311 Coconut oil, crude	1.1	0.2	2.0
UL120800 Flours and meals of oil seeds or oleaginous fruits	0.9	1.2	0.5
UL150A00 Other fats and oils of animal breeding	0.2	-4.9	1.0
UL150810 Groundnut oil, crude	0.2	5.5	1.0
UL150500 Wool grease	0.2	-4.5	5.4
UL152110 Vegetable waxes (other than triglycerides)	0.2	0.4	5.7
UL151229 Cottonseed oil refined	0.1	6.0	0.9
UL152200 Degras	0.1	-8.4	0.4
UL140420 Cotton linters	0.1	-1.7	0.7
UL151221 Cottonseed oil, crude	0.0	-18.3	0.8
Total	85.5	0.4	0.5

## B1.52 Dairy products

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL040410 Whey powder, granules or other solid forms	2.6	-5.9	0.9

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UL040490 Vitamins and other natural milk constituents	0.9	-3.6	2.0
UL170210 Lactose and lactose syrup	0.8	-4.9	0.9
UL350110 Casein	0.8	-8.9	5.1
Total	5.3	-5.9	1.2

## B1.61 Yeast, malt and extracts

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL190190 Malt extract	6.6	3.4	1.9
UL110700 Malt	3.3	1.2	0.4
UL130219 Vegetable saps and extracts	2.4	12.5	23.4
UL210200 Yeasts	2.2	4.4	2.2
UL13023A Mucilages and thickeners	1.9	-7.0	3.9
UL210610 Protein concentrates	1.8	6.2	3.6
UL040800 Products from the processing of eggs	1.0	7.1	2.3
UL130220 Pectic substances, pectinates and pectate	0.6	5.5	11.4
UL130213 Extracts of hops	0.3	8.1	29.2
UL130231 Agar-agar, whether or not modified	0.3	3.4	17.0
UL3502B0 Albumin of eggs	0.2	-7.8	3.1
UL130212 Liquorice extract	0.2	2.7	5.6
UL160300 Extracts and juices of meat and fish	0.2	5.4	4.8
UL130211 Opium	0.0	-25.7	33.0
Total	20.9	3.1	1.5

## B2 Fabrics and Leather

### B2.11 Hair, bristles, feathers, bone and ivory

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
ULC00000 Feathers and skins of birds	1.7	1.4	8.1
UL051000 Ambergris, castoreum, civet and musk	0.2	10.8	15.2
UL050690 Bones and horn-cores and other bones	0.2	-2.0	0.4
UL050790 Tortoiseshell, whalebone, antlers, hooves	0.1	8.4	14.4
UL050210 Pigs', hogs' or boars	0.1	-3.1	12.3
UL050610 Ossein and bones treated with acid	0.0	-1.7	1.9
UL050290 Hair brush making, and the like	0.0	3.8	14.7
UL050710 Ivory crude	0.0	-39.1	66.8
Total	2.3	1.6	3.7

### B2.12 Lamb skin and treated leather

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL410700 Leather further prepared and parchment of cattle and horses	9.9	0.5	18.4
UL410400 Hides and skins of bovine	3.9	-7.0	2.5
UL411300 Leather further prepared parchment and skins of other	1.1	-7.5	26.5

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UL411200 Leather further prepared parchment and sheep	0.6	-5.0	41.6
UL410500 Leather of sheep	0.3	-4.8	5.6
UL410600 Hides and skins of goats, pigs and reptiles	0.3	-5.6	4.8
UL411420 Patent leather and patent laminated leather, patent leather and metallic	0.3	-0.3	18.0
UL411510 Composition leather with a basis of leather or leather fiber	0.2	0.8	6.1
UL411410 Chamois leather	0.1	4.3	24.1
Total	16.9	-2.5	7.2

### B2.21 Yarn

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL520510 Cotton yarn, single, of uncombed fibers (> 85	5.8	4.1	2.2
UL520520 Cotton yarn, single, of combed fibers (> 85	4.1	3.3	3.1
UL55B000 Yarn of synthetic staple fibers, containing <85	2.5	2.7	3.0
UL55A000 Yarn of synthetic staple fibers, containing ≥ 85	2.4	2.8	2.9
UL510500 Wool and fine or coarse animal hair, carded or combed	1.7	3.6	12.8
UL540A00 Sewing thread of synthetic filaments and fibers or artificial	1.7	2.4	6.9
UL510700 Yarn of combed wool	1.4	4.8	17.6
UL55C000 Yarn of artificial staple fibers	1.3	5.0	3.2
UL530A00 Jute and other textile fibers, processed	1.2	6.0	1.0
UL540260 Synthetic filament yarn, twisted	1.0	6.5	3.3
UL520540 Cotton yarn, twisted, of combed fibers (> 85	0.8	-1.7	5.4

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UL510100 Wool, de-greased or carbonised, not carded or combed	0.6	-3.5	3.0
UL520620 Cotton yarn, single, of combed fibers (<85	0.6	2.3	2.9
UL510600 Yarn of carded wool	0.6	0.5	11.1
UL520610 Cotton yarn, single, of uncombed fibers (<85	0.6	5.3	2.1
UL530B00 Yarn of jute, coir and true hemp	0.5	1.2	1.0
UL520530 Cotton yarn, twisted, of uncombed fibers (> 85	0.5	-3.6	2.9
UL530600 Flax yarn	0.4	0.6	7.5
UL500A00 Silk yarn	0.3	-4.1	51.7
UL520290 Frayed and other cotton waste	0.3	4.7	1.0
UL510810 Yarn of fine animal hair, carded	0.3	2.2	75.8
UL550600 Synthetic staple fibers, processed for spinning	0.2	2.5	2.9
UL510820 Yarn of combed fine animal hair	0.2	7.0	49.6
UL520300 Cotton, carded or combed	0.2	14.0	2.1
UL520640 Cotton yarn, twisted, of combed fibers (<85	0.2	-0.6	6.2
UL540340 Artificial filament yarn, twisted	0.1	5.9	7.8
UL520400 Sewing thread of cotton	0.1	-7.5	6.9
UL510A00 Noils of wool and frayed	0.1	6.4	4.2
UL520630 Cotton yarn, twisted, of uncombed fibers (<85	0.1	-5.1	3.5
UL550700 Artificial staple fibers, processed for spinning	0.0	-6.9	3.4
UL511000 Yarn of coarse animal hair or of horsehair	0.0	9.2	18.4
Total	29.9	3.0	2.9

## B2.31 Knitted fabrics

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL600600 Other knitted or crocheted fabrics	15.3	8.3	5.5

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UL600400 Knitted or crocheted fabrics of a width exceeding 30 cm	6.2	5.8	7.3
UL600100 Pile knitted or crocheted; knitted or curly	4.1	11.5	4.6
UL600500 Knitted or crocheted chain	2.9	4.6	5.9
UL600200 Knitted or crocheted fabrics containing by weight 5	0.5	4.8	9.9
UL600300 Knitted or crocheted fabrics of a width not exceeding 30 cm	0.2	6.8	13.0
UL430400 Artificial fur and articles of artificial fur	0.1	9.7	13.6
Total	29.4	7.7	5.8

## B2.32 Woven fabrics

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL5407A0 Woven fabrics of synthetic filament yarn, > = 85	16.1	5.7	6.1
UL5208B0 Fabrics > 85	7.0	5.6	7.3
UL520900 Fabrics > 85	3.7	-0.6	5.9
UL551200 Woven fabrics of synthetic staple fibers > = 85	3.4	7.4	8.0
UL5209C0 Fabrics > 85	3.0	4.5	5.4
UL5516A0 Woven fabrics of artificial staple fibers, of yarns with a single color	2.9	9.9	7.4
UL5515B0 Mixed fabrics of synthetic staple fibers	2.8	0.8	7.0
UL511200 Woven fabrics of combed wool or of combed fine animal hair	2.0	2.6	39.8
UL5211C0 Cotton and synthetic blended fabrics, weighing > 200 g / m <sup>2</sup> , of different colors	2.0	10.7	4.8
UL5208C0 Fabrics > 85	1.7	-2.3	10.5
UL580100 Woven fabrics, terry toweling and chenille fabrics	1.7	-0.9	8.9
UL5513A0 Synthetic and cotton fabrics are one color, weighing <= 170 g / m <sup>2</sup>	1.6	-0.9	5.3

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UL5407B0 Woven fabrics of synthetic filament yarn, <85	1.5	4.1	8.5
UL5210A0 Cotton and synthetic fabrics are one color, weighing <= 200 g / m <sup>2</sup>	1.4	1.5	7.8
UL5514A0 Synthetic and cotton fabrics are one color, weighing > 170 g / m <sup>2</sup>	1.4	5.9	5.5
UL540B00 Woven fabrics of high tenacity yarn of nylon and viscose rayon	1.3	1.4	7.4
UL5211A0 Cotton and synthetic fabrics are one color, weighing > 200 g / m <sup>2</sup>	1.2	6.1	7.0
UL5407C0 Other woven fabrics of synthetic filament yarn	1.1	5.6	2.6
UL5208A0 Fabrics > 85	1.1	-0.4	9.1
UL511100 Woven fabrics of carded wool or of carded fine animal hair	0.9	3.9	21.6
UL500700 Woven fabrics of silk	0.9	-5.7	91.7
UL5408A0 Woven fabrics of artificial filament yarn > = 85	0.6	5.3	14.2
UL530910 Linen fabrics, > = 85	0.6	6.4	15.9
UL530920 Linen fabrics, <85	0.5	13.5	11.7
UL521200 Woven fabrics of cotton mixed linen and cotton textiles	0.5	1.3	10.9
UL5408B0 Woven fabrics of artificial filament yarn <85	0.5	5.2	17.6
UL5515A0 Mixed fabrics synthetic wool	0.5	4.4	16.7
UL5516B0 Woven fabrics of artificial staple fibers, of yarns of different colors	0.4	12.4	10.9
UL5210C0 Cotton and synthetic blended fabrics, weighing <= 200 g / m <sup>2</sup> , of different colors	0.4	-6.0	9.5
UL5513C0 Mixed fabrics and synthetic cotton, weighing <= 170 g / m <sup>2</sup> , of different colors	0.2	6.1	7.7

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UL5310A0 Woven fabrics of jute or of other textile bast fibers	0.2	9.1	1.5
UL531100 Woven fabrics of other vegetable textile fibers, fabrics of paper yarn	0.1	9.4	9.6
UL580200 Tufting and terry toweling fabrics	0.1	1.3	5.3
UL5208D0 Fabrics > 85	0.1	-6.4	12.5
UL5514C0 Mixed fabrics and synthetic cotton, weighing > 170 g / m <sup>2</sup> , of different colors	0.1	3.1	9.5
UL580300 Woven gauze	0.0	-15.7	10.0
UL511300 Woven fabrics of coarse animal hair or of horsehair	0.0	-7.1	9.7
Total	63.6	3.9	6.9

### B2.33 Embroidery and felts

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL560200 Felt, coated, covered or laminated	1.0	3.1	4.1
UL581090 Not cotton Embroidery, in the piece, in strips or in motifs	0.9	-1.1	20.9
UL580420 Machine-made lace in the piece, in strips or in motifs	0.8	-0.7	15.1
UL580410 Tulle, tulle-bobinot woven and knotted	0.6	6.8	8.3
UL560600 Loop wale-yarn	0.5	2.1	7.4
UL560130 And mill neps (buttons) of textile materials	0.2	-2.9	4.6
UL581100 Quilted textile products in the piece	0.2	6.0	7.5
UL581091 Cotton embroidery in the piece, in strips or in motifs	0.1	5.3	19.6
UL581010 Chemical embroidery and embroidery without visible at the bottom cut	0.1	4.7	36.9

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UL580430 Lace in the piece, in strips or in motifs, hand-	0.0	-5.3	8.4
Total	4.5	1.6	7.9

### B2.34 Non-woven fabrics and fabrics for technical use

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL5603A0 Non-woven fabrics	13.6	6.2	3.5
UL590A00 Textile fabrics impregnated, coated or covered	12.1	5.6	5.8
UL59A000 Textile products and articles for technical uses	5.2	4.6	15.4
UL580600 Tapes, woven fabrics other than labels, badges and similar articles	3.4	6.9	8.2
UL590200 Tire cord yarn	2.6	3.5	3.4
UL580700 Labels, badges and similar articles, of textile materials (excluding embroidered)	1.2	5.8	23.9
UL580800 Braids in the piece; tassels and pompons, ornamental trimmings (excluding knitted or crocheted)	0.5	6.8	12.3
UL560410 Rubber thread and cord, textile covered	0.3	10.9	5.4
UL560490 Textile yarn sheathed with rubber or plastics	0.2	6.1	6.5
UL560500 Metallic Yarn	0.2	2.2	10.8
UL580900 Woven fabrics of metal thread	0.0	6.4	17.5
Total	39.3	5.7	5.1

### B2.35 Twine, cordage, rope and fabric packaging

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL630530 Sacks and bags, of man-made textile	4.0	4.7	2.5

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UL420500 Transmission belts and other leather items	2.7	6.1	39.7
UL560A00 Knotted netting of twine, cordage or rope	2.0	8.0	4.5
UL5607B0 Ropes and cables of synthetic fibers	1.5	5.6	3.9
UL5607A0 Twine, cordage, covered or sheathed	0.3	8.1	3.8
UL630510 Sacks and bags, of jute	0.2	1.3	1.7
UL560741 Binder or baler twine, of polyethylene or polypropylene	0.2	-2.2	1.9
UL630520 Sacks and bags, of cotton	0.1	8.7	8.6
UL630590 Sacks and bags, of textile materials	0.1	5.5	5.7
UL560721 Twine, cordage, ropes and cables, of jute or of other textile bast fibers	0.1	-4.1	2.2
Total	11.2	5.6	3.9

## B3 Pulp & Paper and Forest Products

### B3.11 Cut wood

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL440710 Coniferous wood, of a thickness of > 6 mm	20.1	-1.1	0.3
UL440120 Wood pellets and wood chips	4.3	5.3	0.2
UL44070A Tropical wood	3.8	16.4	0.7
UL440799 Chestnut wood and other wood	2.7	-6.6	0.5
UL440929 Lists, boards, parquet hardwood and tropical woods	2.2	3.0	1.6
UL440791 Oak wood	2.2	7.5	0.8
UL440910 Strips and friezes of conifers	1.8	4.1	1.1
UL440792 Beech	0.8	5.8	0.4
UL44079A Maple, ash and cherry	0.7	4.6	0.7
UL440310 Pine poles impregnated	0.3	-3.0	0.3
UL440600 Wooden sleepers for railways	0.3	4.6	0.4
UL440400 Hoopwood	0.2	4.7	0.4
UL440921 Bamboo strips and friezes	0.1	-9.6	1.4
UL440500 Wood wool, wood flour	0.1	-0.5	0.4
Total	39.4	1.4	0.4

### B3.12 Carpentry and wood packaging

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL441890 Builders' joinery and carpentry of wood construction	4.4	7.6	1.3
UL441520 Pallets, pallet collars	2.5	7.7	0.4
UL441600 Wooden barrels	0.8	6.1	4.0
UL441510 Packing cases, boxes, crates, drums and similar packings, of wood	0.8	6.5	1.3
UL441800 Wooden boards and formwork for concrete	0.5	6.0	1.3
UL441860 Posts and beams, wood	0.2	3.8	0.9
Total	9.2	7.2	0.8

### B3.13 Sheets and wood-based panels

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL441200 Plywood, veneered panels and similar laminated wood	13.8	6.1	0.8
UL441100 Fibreboard of wood: MDF, chipboard, etc.	8.7	3.6	0.5
UL441011 Particle board and similar board, fiber and composite panels	4.7	5.3	0.4
UL440800 Sheets for veneering	3.1	8.8	1.6
UL441012 OSB waferboard, of wood	2.8	12.9	0.4
UL441300 Densified wood	0.2	0.1	1.0
UL441019 Waferboard and similar board, of wood	0.2	0.2	0.5
UL441090 Wood-based panels with organic binders	0.2	-2.1	0.4
UL441210 Plywood, veneered panels and similar laminated wood, of bamboo	0.1	10.1	1.2
Total	33.9	5.9	0.6

### B3.14 Semi-finished products of wood, cork and plaiting materials

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL940190 Parts of seats, n.n.a.	28.3	6.1	7.3
UL442190 The woodwork, n.n.a.	5.5	7.7	1.9
UL450410 Agglomerated cork	0.6	6.3	4.9
UL450310 Corks and stoppers of all kinds of natural cork	0.6	4.3	18.1
UL441700 Tools, tool and tool handles	0.3	10.6	2.7
UL660390 Parts for umbrellas and sun umbrellas or rain	0.2	7.6	2.3
UL450190 Waste cork, crushed, granulated or ground	0.1	15.5	1.8
UL450490 Articles of agglomerated cork n.c.a.	0.1	1.7	6.5
UL450390 Articles of natural cork	0.0	2.5	4.8
UL450200 Natural cork	0.0	14.7	4.3
Total	35.8	6.4	5.0

### B3.21 Paper and cardboard for packaging

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL481092 Paper or paperboard layers	7.6	5.1	0.8
UL480411 Kraftliners, uncoated	5.0	9.8	0.6
UL480520 Testliners	4.4	13.5	0.5
UL480510 Straw paper and corrugated paper	3.6	14.0	0.5
UL480500 Sulphite wrapping paper	3.0	3.3	0.7
UL480420 Kraft paper for high capacity sacks	2.5	6.7	0.8
UL480430 Kraft paper, weighing <= 150 g / m <sup>2</sup>	2.4	8.2	1.0
UL480419 Kraftliners, coated	1.5	4.5	0.7

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UL480511 Semi-chemical fluting paper called "fluting"	1.3	9.6	0.5
UL4804D0 Kraft paper and weighing > 150 g / m <sup>2</sup>	1.1	0.9	0.7
UL481032 Kraft paperboard, coated	0.9	-0.8	0.9
UL480700 Paper and cardboard, assembled by sticking flat	0.7	3.3	0.7
UL481039 Kraft paper and paperboard, coated with kaolin	0.6	4.4	0.8
UL481099 Paper and paperboard, coated with kaolin, surface-decorated	0.5	9.4	1.1
UL480890 Paper and paperboard, creped	0.3	7.5	1.8
UL481031 Kraft paper, coated	0.2	-6.2	1.2
UL480830 Kraft paper, creped or crinkled, also embossed	0.1	-0.9	1.9
Total	35.7	7.2	0.7

### B3.22 Paper for home and various applications

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL481159 Paper and cardboard, colored, surface-decorated or printed, coated	5.5	2.5	2.2
UL481190 Paper, paperboard, cellulose wadding and webs of cellulose fibers	4.4	5.3	2.3
UL480300 Tissue	3.9	7.4	1.2
UL481141 Self-adhesive paper and paperboard	3.7	4.7	2.6
UL481151 Paper and paperboard, surface-colored, weighing > 150 g / m <sup>2</sup>	2.6	2.5	1.6
UL480600 Transparent paper	1.8	8.2	1.4
UL481390 Cigarette paper, n.n.a.	0.6	3.8	3.2
UL480920 Paper called "self", in rolls of a width > 36 cm	0.5	-1.3	1.4

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UL481160 Paper and paperboard, coated, impregnated or covered with wax	0.4	0.5	2.3
UL481149 Paper and cardboard, colored, surface-decorated or printed, Gummed or adhesive	0.4	4.4	2.8
UL480990 Paper-copy, in rolls of a width > 36 cm	0.3	12.9	2.0
UL480540 Filter paper and paperboard filter	0.3	0.1	3.7
UL481620 Paper called "self", width ≤ 36 cm	0.2	4.8	1.6
UL481690 Paper for copying, width ≤ 36 cm	0.2	-1.3	4.8
UL480210 Hand-made paper and paperboard	0.1	20.4	3.1
UL481200 Blocks and plates, of paper pulp filter	0.1	3.1	5.7
UL480220 Paper and cardboard as a base for photo-sensitive paper or paperboard	0.1	-3.2	2.0
UL480240 Wallpaper base	0.1	-8.9	2.5
UL481110 With tar paper and paperboard	0.1	-5.2	1.4
UL480550 Felt and cartonfeltro	0.0	5.6	0.9
Total	25.5	4.3	1.9

### B3.23 Paper and cardboard packaging

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL481910 Boxes of paper or corrugated cardboard	7.3	6.4	1.4
UL481920 Cartons, boxes and folding, non-corrugated paper or paperboard	7.3	2.7	2.4
UL482100 Paper Labels	4.6	3.5	7.5
UL481940 Bags of paper	3.4	7.1	2.6
UL4819B0 Envelopes of paper and cardboard for offices and shops	2.1	7.0	3.4
UL480810 Corrugated board, in rolls or sheets	1.3	7.8	0.9

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UL481930 Paper Sacks	0.8	3.4	1.6
Total	26.9	4.9	2.1

### B3.24 Paper and paper-board for graphic purposes

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL480200 Paper and paperboard for graphic purposes, uncoated	16.6	0.3	0.8
UL4810A0 Paper and paperboard for graphic purposes, coated	13.7	-0.8	0.8
UL480100 Paper for newsprint	4.8	-3.5	0.5
Total	35.2	-0.7	0.7



## B4 Metal Intermediate Goods

### B4.11 Products of iron and steel, cold-worked

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL730890 Sandwich panels of coated steel sheet	31.2	3.6	1.9
UL721700 Wire of non-alloy steel	6.4	4.0	0.9
UL7220A0 Cold rolled products of stainless steel of a width <600 mm	3.9	5.8	2.9
UL721200 Flat-rolled width of <600 mm, coated	3.8	5.3	1.0
UL722220 Other bars and rods of stainless steel, cold drawn	2.9	4.7	3.4
UL721500 Rods of iron or non-alloy steel, cold, obtained by cold	2.6	6.0	1.0
UL722900 Wire of alloy steel other than stainless steel	2.2	5.8	1.4
UL722300 Stainless steel wires	2.1	4.4	3.9
UL72A000 Flat-rolled width of <600 mm, not clad	2.0	4.9	1.5
UL722850 Rods of alloy steel other than stainless steel, cold drawn	2.0	3.9	1.5
UL7216A0 Iron products formed and bent	1.9	7.7	1.1
UL722699 Cold-rolled, of alloy steel (dividends acc. Ste.) Width of <600 mm	0.5	11.7	1.5

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UL721669 Sections, simply obtained or cold-finished	0.1	2.0	1.3
Total	61.7	4.3	1.6

### B4.15 Bridges, towers and other metal structures

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL761090 Structures and parts of structures, of aluminum	7.3	6.3	5.1
UL730840 Equipment for scaffolding	4.6	5.2	1.7
UL730820 Towers and lattice masts of iron or steel	2.5	2.7	1.6
UL730810 Bridges and bridge-sections of iron or steel	1.0	1.7	1.6
Total	15.3	5.0	2.5

### B4.16 Steel pipes

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL7307B0 Elbows, bends and other pipe fittings	8.6	1.3	6.8
Butt-welding			
UL730420 Casing, tubing and drill pipe	8.3	-5.7	1.4
UL7306A0 Tubes, welded, with a diameter of <= 406,4 mm, of steel other than stainless steel	7.0	5.1	1.0
UL730660 Tubes and pipes, of non-circular section	6.2	8.7	0.8
UL730510 Welded tubes with a diameter > 406,4 mm for oil or gas pipelines	4.4	2.0	0.9
UL730430 Pipes, seamless, of non-alloy steel	4.3	2.5	1.3
UL730410 Seamless tubes for oil and gas pipelines	3.8	-3.4	1.1
UL730640 Tubes, welded, with a diameter of <= 406,4 mm, of stainless steel	3.6	3.4	3.4

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UL7307A0 Steel flanges, not fused	3.2	0.9	4.1
UL730440 Pipes, seamless, of stainless steel	3.2	-2.6	7.3
UL730450 Pipes, seamless, of other alloy steel	2.2	-5.9	1.9
UL7307C0 Elbows, bends and sleeves, threaded	2.0	1.7	8.8
UL730610 Welded tubes with a diameter of <= 406,4 mm for oil or gas pipelines	1.9	-0.8	1.1
UL730690 Other welded tubes	1.2	-2.6	1.9
UL7305A0 Tubes, welded, with a diameter of > 406,4 mm, of steel	1.2	-1.0	1.1
UL730620 Cladding tubes with a diameter <= 406.4 mm	1.1	-13.5	1.1
UL730490 Seamless pipes and tubes of non-circular section	0.9	-6.1	2.4
UL730520 Cladding tubes with a diameter > 406,4 mm	0.1	-25.7	2.2
Total	63.1	-0.2	1.5

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UL848299 Parts of bearings, n.n.a.	4.5	6.2	10.0
UL848220 Tapered roller bearings, incl. the cone and tapered roller assemblies	4.1	3.3	10.0
UL848360 Clutches and shaft couplings (including universal joints)	2.8	4.5	18.3
UL848250 Cylindrical roller bearings	2.7	4.0	21.0
UL848230 Spherical roller bearings	1.9	1.4	12.5
UL731511 Roller chains, of iron or steel	1.7	4.7	6.3
UL848291 Spheres, cylinders, needles and rollers for bearings	1.5	5.1	6.9
UL848280 Bearings, incl. the combined bearings	1.3	0.9	18.7
UL848240 Needle bearings "roller"	1.2	2.9	20.2
UL848320 Supports with bearings or rolling embedded machine	1.1	8.0	10.8
UL731512 Articulated link chain, of iron or steel	0.8	6.7	6.5
UL731519 Parts of articulated link chain, of iron or steel	0.3	8.2	6.9
Total	85.2	4.5	11.4

## B4.21 Bearings, gears, gearing and driving

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL848340 Gearboxes for stationary equipment, gearboxes cylindrical wheels	17.1	4.2	12.3
UL848210 Deep groove ball bearings	12.6	4.0	13.2
UL848390 Parts of supports for bearings of all kinds	10.7	6.6	10.5
UL848310 Transmission shafts camshaft and crankshaft	10.1	5.4	8.9
UL848330 Supports for machinery, bearings and bearing shells for machine	5.6	5.7	19.8
UL848350 Flywheels and pulleys, incl. pulley blocks	5.2	0.8	10.2
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## B4.22 Screws and bolts

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL731815 Screws and bolts	17.2	5.7	3.5
UL731816 Nuts of iron or steel	5.7	5.7	5.0
UL731829 Articles of bolts and screws (not threaded) of ductile	3.0	5.0	9.4
UL731814 Self-tapping screws, of iron or steel	2.8	11.0	3.2
UL731819 Articles of bolts and screws, threaded fasteners, of iron or steel, nes	2.4	5.8	5.6
UL731822 Washers, of iron or steel	1.9	6.5	7.0
UL731812 Wood screws, of iron or steel	1.0	8.0	2.8
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UL731824 Cotter, overnights and taps, cast iron, iron or steel	0.7	5.9	9.2
UL731821 Washers	0.6	6.4	10.9
UL731823 Rivets of iron or steel	0.6	4.4	6.6
UL741533 Screws, bolts, nuts and other threaded articles, of copper	0.4	6.6	11.6
UL731811 Coach screws, of iron or steel	0.2	2.7	2.4
UL741539 Screw hooks, screw rings and similar articles, threaded, of copper	0.2	4.3	16.8
UL741529 Bolts, rivets, copper	0.2	6.0	24.8
UL731813 Screw hooks and screw rings, of iron or steel	0.2	5.6	4.6
UL741521 Washers, incl. washers spring, copper	0.1	6.4	21.6
Total	37.2	6.1	4.3

### B4.23 Grids, chains, metal mesh fencing

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL731A00 Nails, tacks, staples, thumbtacks	3.5	6.2	1.9
UL741999 Cloth, grill and netting, of copper wire	3.2	7.4	14.7
UL732020 Helical springs, flat springs other than helical, of iron or steel	2.9	4.5	6.3
UL732010 Leaf-springs and leaves therefor, of iron or steel	1.7	5.3	2.5
UL732090 Springs and leaves for springs, of iron or steel, incl. the coil springs	1.6	4.3	8.7
UL731420 Wire mesh, mesh surface > = 100 cm <sup>2</sup>	1.5	6.6	0.7
UL831110 Covered electrodes for arc welding, of base metal	1.0	0.1	2.1
UL831120 Cored wire of base metal, for electric arc-welding	0.9	3.0	2.6

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UL7314B0 Woven cloth, of iron or steel wire	0.6	5.1	7.6
UL731582 Chains of iron or steel, welded	0.6	1.1	2.2
UL731439 Grill and netting, of iron or steel, welded at the intersection	0.5	5.6	1.3
UL731431 Wire mesh, welded at the intersection, galvanized	0.5	8.0	1.3
UL731441 Wire mesh, not welded at the intersection, galvanized	0.4	7.6	1.3
UL731449 Grill and netting, of iron or steel, not welded at the intersection	0.4	4.3	2.8
UL831190 Wire, rods, tubes	0.4	1.9	8.1
UL831130 Coated rods and cored wire, for soldering, brazing or welding by flame	0.4	0.7	9.8
UL731589 Chains of iron or steel	0.3	-2.8	3.9
UL731450 Sheets and plates, and expanded metal	0.2	3.7	1.7
UL731590 Parts of anti-skid chains	0.2	-1.8	6.6
UL731520 Skid chain for motor vehicles, of iron or steel	0.2	4.4	3.9
UL731581 Stud link chain, of iron or steel	0.2	-4.8	1.9
UL731442 Wire mesh, not welded at the intersection, coated with plastics	0.2	5.0	1.6
UL761691 Cloth, grill, netting and fencing, of aluminum wire	0.1	9.2	5.9
UL731412 Endless bands and cloth	0.1	10.3	16.3
UL750810 Cloth, grill and netting, of nickel wire	0.0	4.6	70.1
UL741910 Chain and parts thereof, of copper	0.0	1.6	23.9
Total	21.6	4.7	2.5

### B4.24 Locks and hinges

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
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UL830242 Mountings, fittings and similar articles, of base metal, for furniture	6.3	6.7	3.7
UL830241 Gaskets for buildings and the like, of base metal	6.2	5.9	5.8
UL830210 Hinges of all kinds of metal	4.6	5.8	5.5
UL830140 Other locks and cylinder locks	4.1	8.1	10.6
UL830249 Mountings, fittings and similar articles, of base metal	3.0	7.0	9.7
UL830160 Parts of padlocks and locks	2.8	5.8	10.8
UL830250 Racks, hatpegs, brackets and similar articles of base metal	1.8	5.3	5.2
UL830260 Automatic door closers of base metal	1.1	3.9	9.6
UL830110 Padlocks of base metal	1.0	4.8	7.7
UL830220 Castors with mountings of base metal	0.7	7.3	4.7
UL830170 Keys, presented separately	0.4	4.5	24.3
UL830130 Locks of a kind used for furniture, of base metal	0.3	1.5	9.1
UL830150 Clasps and frames with clasps, incorporating locks, of base metal	0.1	1.3	11.0
Total	32.4	6.2	6.0

continues the previous table

UL830710 Flexible tubing of iron or steel, whether with their accessories	1.7	-3.2	11.0
UL750890 Other articles of nickel	1.6	12.1	78.4
UL790700 Zinc tubes	1.3	4.3	6.5
UL732611 Pale and similar articles for mills	1.0	6.3	0.8
UL830810 Hooks, eyes and eyelets	0.7	-0.1	9.1
UL830820 Tubular or bifurcated rivets, of base metal	0.6	6.7	8.5
UL830520 Staples in strips, of base metal	0.4	4.5	2.1
UL830790 Flexible tubing of base metal other than iron or steel	0.3	3.3	10.9
UL800700 Plates, sheets and tubes in pond	0.3	-1.1	13.2
UL780600 Bars, tubes, profiles and wire lead, n.n.a.	0.3	0.6	4.3
UL830590 Paper clips, letter corners	0.2	0.3	3.5
UL830510 Fittings for loose-leaf binders or files	0.2	-1.8	2.7
UL961390 Parts of lighters and other lighters, n.n.a.	0.2	6.0	10.8
UL360690 Ferro-cerium and other pyrophoric alloys in all forms	0.2	-0.2	1.8
Total	33.3	4.7	3.3

## B4.81 Components and metal parts

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL940390 Parts of furniture: metal	12.5	6.5	2.4
UL850510 Permanent magnets, of metal	4.2	4.5	13.6
UL732619 Articles of iron or steel, forged or stamped	3.2	0.6	3.5
UL732620 Cages, baskets and other articles of iron wires	2.7	6.0	2.2
UL830890 Clasps, frames with clasps (without lock) buckles	1.8	8.5	16.4

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## B4.82 Metal packaging

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL830990 Caps, corks, screw caps and pouring	5.7	4.9	4.3
UL761290 Tanks, casks of a capacity ≤ 300 l, n.n.a.	4.1	2.9	5.0
UL731021 Boxes thereof, of a capacity <50 l	2.0	1.2	2.6
UL830910 Crown corks of base metal	0.4	0.6	2.3
UL761210 Collapsible tubular containers, of aluminum	0.4	2.3	8.7
Total	12.5	3.4	4.0

### B4.83 Foundry castings

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL761699 Aluminum castings	14.1	6.0	7.3
UL732599 Works of malleable cast iron	3.0	1.9	3.0
UL732510 Articles of non-malleable cast	2.3	2.2	1.8
UL732591 Other iron castings and steel	0.5	5.2	1.0
UL741991 Articles of copper, cast	0.4	1.5	10.4
UL731600 Anchors, grapnels and parts thereof, of iron or steel	0.2	0.9	2.5
Total	20.5	4.8	4.2

## B5 Fine Chemicals and Specialties

### B5.11 Dyes and pigments

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL32040A Synthetic organic coloring matter	8.6	4.0	7.2
UL320611 Pigments and preparations based on titanium dioxide, containing by weight > = 80	8.1	8.2	2.4
UL28C000 Other metal oxides, peroxides and hydroxides	6.1	13.7	4.8
UL320600 Other coloring matter, preparations and luminophores	3.2	4.5	3.3
UL28A000 Oxide and zinc peroxide; titanium oxides	2.2	7.6	2.4
UL320619 Pigments and preparations based on titanium dioxide, containing by weight, < 80	1.5	7.3	3.1
UL320411 Disperse dyes	1.4	8.3	8.4
UL320300 Colouring matter of vegetable or animal origin	1.2	9.2	14.8
UL28B000 Oxides and hydroxides of chromium, manganese, lead and copper	1.1	2.8	2.3
UL320412 Acid dyes	0.9	-1.6	7.0
UL320420 Fluorescent agents	0.6	5.4	4.6
UL320200 Tanning substances, chemical	0.6	-0.6	1.3
UL320414 Direct Dyes	0.3	1.3	3.4
UL320413 Basic dyes	0.3	5.5	6.5
UL320100 Tanning extracts of vegetable origin	0.2	-0.5	2.1

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UL320500 Colour lakes	0.2	8.9	13.8
UL320620 Pigments and preparations of a kind used for coloring any material	0.1	-0.5	3.9
Total	36.5	6.7	3.7

### B5.12 Paints and varnishes

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL320800 Solvent-based paints	12.4	3.6	4.2
UL320900 Water-based paints	5.8	5.2	2.4
UL321410 Putty, grafting putty	5.7	6.2	3.0
UL320700 Colors and glaze frits	3.5	-0.3	2.6
UL321490 Non-refractory surfacing preparations for façades, indoor walls or the like	1.9	3.7	1.0
UL381400 Organic composite solvents and thinners	1.7	4.6	2.0
UL321290 Pigments, incl. metallic powders and flakes	1.3	1.7	7.8
UL321210 Sheets for stamping "pastel paper"	0.8	7.0	12.7
UL321000 Paints and varnishes oil	0.7	-0.4	4.1
UL321100 Driers, prepared	0.2	5.0	4.4
Total	33.9	3.8	2.9

### B5.13 Fertilizers and nitrogen compounds

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL310210 Urea	11.3	-1.5	0.2
UL310420 Potassium chloride	10.7	0.8	0.2
UL310500 Mineral or chemical fertilizers containing two or three of the basic elements fertilizers	10.0	4.3	0.4

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UL28E000 Nitric acid; sulphonic acids, ammonia	6.8	-2.7	0.3
UL310530 Diammonium hydrogenorthophosphate (diammonium phosphate)	6.6	6.8	0.4
UL310540 Monoammonium phosphate	4.0	5.1	0.4
UL3102A0 Ammonium nitrate and its mixtures	3.9	-4.9	0.2
UL310200 Other nitrogenous fertilizers and nitrogen mixtures	2.1	2.3	0.2
UL310221 Ammonium sulphate	1.7	3.5	0.1
UL310310 Superphosphates	1.4	-1.8	0.2
UL310430 Potassium sulphate	1.2	-4.8	0.4
UL310100 Mineral fertilizers, animal or plant	0.7	4.0	0.7
UL283421 Nitrates of potassium	0.6	0.3	0.7
UL310490 Other potassic fertilizers	0.6	1.2	0.4
UL28F000 Ammonium chloride, nitrite	0.3	10.7	0.6
UL310390 Other phosphatic fertilizers	0.2	10.4	0.3
UL310250 Sodium nitrate	0.1	-0.9	0.5
Total	62.0	0.8	0.3

### B5.14 Explosives and industrial gases

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL360490 Flares and other pyrotechnic articles	1.7	4.1	27.4
UL280429 Noble gases	1.2	-3.1	32.4
UL360A00 Propellant powders and prepared explosives	1.2	2.4	4.2
UL360410 Articles for fireworks	0.8	4.0	2.6
UL281121 Carbon dioxide	0.4	3.6	2.2
UL281129 Inorganic oxygen compounds of elements (non-metallic)	0.3	9.2	4.6

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UL280421 Argo	0.2	6.4	0.3
UL280430 Nitrogen	0.2	3.1	0.3
UL280440 Oxygen	0.2	1.0	0.4
UL280410 Hydrogen	0.1	-1.0	3.7
UL270500 Coal gas	0.0	27.1	3.4
UL285300 Liquid air, compressed air	0.0	-67.5	4.6
Total	6.3	0.2	2.4

### B5.15 Essential oils, adhesives and glues

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL330200 Mixtures of odoriferous substances	21.9	6.0	14.7
UL350A00 Adhesives and glues	12.9	4.2	3.7
UL330100 Essential Oils	4.9	12.1	21.7
Total	39.7	6.1	7.6

### B5.16 Pesticides and other agrochemical products

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL380893 Herbicides	11.2	4.1	5.0
UL380891 Insecticides	8.5	6.2	9.5
UL380892 Fungicides	7.7	1.7	7.5
UL380894 Disinfectants	2.1	10.1	2.5
UL380800 Other pesticides and other agrochemical products	1.9	4.3	3.6
Total	31.3	4.4	5.7

### B5.17 Chemicals for industry

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL3824A0 Prepared binders for foundry molds or cores	44.7	4.3	1.5

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UL381800 Chemicals for Electronics	13.1	10.1	208.2
UL381510 Catalysts	12.4	8.5	20.2
UL340300 Lubricants	9.0	5.4	3.5
UL381120 Additives for lubricating oils	8.7	1.5	2.9
UL370700 Chemical preparations for photographic uses	5.5	0.7	17.3
UL380900 Finishing agents, dye carriers	4.1	5.3	1.4
UL370100 Photographic plates and film in the flat, sensitized, unexposed	3.8	2.0	8.7
UL381590 Reaction initiators	3.6	5.4	4.9
UL381230 Anti-oxidising preparations and other compound stabilizers	2.9	2.8	3.4
UL151800 Chemically modified fats	2.8	13.8	0.6
UL350400 Substance protein and their derivatives	2.3	4.1	4.5
UL381700 Mixed alkylbenzenes and mixed alkyl-naphthalenes	2.1	1.4	1.2
UL381190 Oxidation inhibitors	2.0	2.3	2.9
UL382100 Culture media, prepared, for the development of micro-organisms	2.0	12.8	29.2
UL380210 Activated carbon	1.6	7.0	1.9
UL382470 Mixtures of halogenated derivatives of methane, ethane or propane	1.5	31.0	6.4
UL370200 Photographic film, sensitized, unexposed	1.2	-2.2	15.3
UL382000 Anti-freezing preparations and prepared de-icing fluids	1.2	4.9	1.2
UL3502A0 Albumins (excluding ovalbumin) albuminates and other derivatives	1.0	3.9	6.0
UL381010 Pickling preparations for metal	0.9	4.7	7.4
UL381900 Hydraulic brake fluids	0.9	7.4	2.4

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UL340700 Modelling pastes	0.8	10.5	5.1
UL381210 Preparations known as "vulcanization accelerators"	0.8	8.2	3.4
UL381220 Compound plasticisers for rubber or plastics	0.6	8.1	2.1
UL381090 Fluxes for soldering, brazing or welding of metals	0.6	2.5	3.0
UL370300 Paper, paper-board and textiles, sensitized, unexposed	0.5	-6.9	5.7
UL381300 Preparations and charges for fire-extinguishers; extinguishing grenades	0.2	3.2	2.3
UL381110 Anti-knock preparations	0.2	-2.6	4.0
UL360610 Liquid or liquefied-gas fuels in containers	0.1	-16.1	2.7
UL382480 Mixtures of oxirane, polybrominated biphenyls or polybrominated biphenyls, or tris (2,3-dibromopropyl) phosphate	0.1	-3.1	4.5
Total	131.1	5.2	2.5

## B5.21 Hoses, belts and other rubber products

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL401699 Articles of vulcanised rubber (excl. hard rubber), nes	11.8	5.2	8.4
UL401693 Seals of vulcanized rubber (excl. hard)	11.2	6.4	17.2
UL400900 Hoses	9.4	4.9	8.7
UL400500 Compounded rubber, unvulcanized, in primary forms or in plates, sheets or strip	5.1	-3.3	2.5
UL401030 Transmission belts Rubber	3.1	3.4	19.4
UL401010 Rubber conveyor belts	2.0	2.3	4.3

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UL400821 Plates, sheets, strip and rubber (non-cellular, not hardened)	1.8	2.9	4.2
UL640620 Outer soles and heels, of rubber or plastics	1.7	2.9	6.7
UL400829 Rods and profile shapes, of rubber (non-cellular, not hardened)	0.8	3.5	5.9
UL400811 Plates, sheets and strip, of cellular rubber (excl. hard)	0.8	4.4	5.0
UL590690 Rubberized textile fabrics sold as such	0.7	3.7	7.1
UL401610 Products of cellular rubber (other than hard rubber), nes	0.7	5.4	9.0
UL590610 Adhesive tape of rubberised textile fabrics, of a width <= 20 cm	0.6	9.2	6.2
UL400700 Vulcanized rubber thread and cord	0.5	2.7	2.5
UL401695 Pneumatic mattresses	0.4	10.9	10.7
UL400690 Rods, tubes, profiles and other rubber products	0.3	2.0	7.8
UL400300 Reclaimed rubber in primary forms	0.3	5.3	0.7
UL401700 Hard rubber	0.2	0.2	7.8
UL400819 Rods and profile shapes of cellular rubber (excl. hard)	0.2	1.3	6.6
UL401694 Fenders, whether or not inflatable, of vulcanised rubber (excl. hard)	0.1	0.7	3.0
Total	51.7	3.9	6.6

## B5.22 Plates, sheets, tubes and profiles in plastic

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL392690 Articles of plastics and articles of other materials of headings 3901 to 3914	54.8	7.3	7.1
UL3917B0 Hoses and fittings thereof, of plastics	15.0	7.1	6.6
UL392010 Plates, sheets, film, foil and strip, of non-cellular polymers of ethylene	13.7	4.4	2.4
UL391990 Self-adhesive tapes of a width > 20 cm	13.4	5.3	6.9
UL392190 Plates, sheets, films of polyesters, non-cellular	13.0	4.1	3.7
UL392020 Plates, sheets, film, foil and strip, of polymers of propylene, non-cellular	8.8	2.6	2.6
UL392090 Plates, sheets, film resins, non-cellular	8.0	7.2	6.9
UL3917A0 Rigid pipes of plastics	7.3	4.1	3.4
UL392062 Plates, sheets, film, foil and strip, of non-cellular polyethylene terephthalate	6.7	4.0	2.6
UL391910 Self-adhesive tape of a width <= 20 cm	5.7	3.9	5.5
UL391600 Monofilament of plastics	4.9	5.8	3.1
UL392630 Fittings for furniture, coachwork or the like, of plastics	4.1	10.1	9.8
UL392113 Plates, sheets, film of polyurethanes	3.6	5.7	4.6
UL392119 Plates, sheets, film of plastics (not processed)	3.5	6.5	5.2
UL392049 Plates, sheets, film, foil and strip, of poly "vinyl chloride", <6	2.7	5.2	2.7
UL392640 Statuettes and other decorative objects, of plastics	2.5	-1.0	4.7
UL392043 Plates, sheets, film, foil and strip, of poly "vinyl chloride", >= 6	2.1	1.0	2.8

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UL392051 Plates, sheets, film, foil and strip, of poly "methyl methacrylate" non-cellular	2.1	5.5	3.5
UL392030 Plates, sheets, film, foil and strip, of non-cellular polymers of styrene	2.0	4.1	2.8
UL392112 Plates, sheets, film of polymers of vinyl chloride	1.8	7.0	3.3
UL392070 Plates, sheets, film of non-cellular cellulose	1.6	-0.6	11.1
UL392061 Plates, sheets, film, foil and strip, of polycarbonates, non-cellular	1.3	2.6	5.1
UL392111 Plates, sheets, film of polymers of styrene	1.1	4.5	2.8
UL392069 Plates, sheets, film, foil and strip, of polyesters, non-cellular	1.1	1.0	3.8
UL392059 Plates, sheets, film, foil and strip, of non-cellular acrylic polymer	0.4	4.6	5.0
UL392063 Plates, sheets, film, foil and strip, of unsaturated polyesters, non-cellular	0.2	1.6	3.6
UL392114 Plates, sheets, film of regenerated cellulose	0.1	2.5	4.5
Total	181.5	5.5	4.5

### B5.23 Plastic packaging

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL392310 Boxes, crates and similar articles of plastics	10.3	4.3	3.0
UL392321 Plastic bags of ethylene	10.0	4.4	2.3
UL392330 Plastic bottles	8.3	5.8	3.3
UL392350 Stoppers	7.6	5.5	4.7
UL392390 Articles for the conveyance or packing of goods, of plastics	7.4	7.9	3.2
UL392329 Plastic bags (other than ethylene)	4.3	5.2	3.7

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UL392340 Spools, cops, bobbins and similar supports, of plastics	0.7	5.0	4.1
Total	48.6	5.4	3.1

### B5.24 Inks

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL321590 Ink to write	10.2	-0.1	9.7
Total	10.2	-0.1	9.7

### B5.31 Basic products for detergents

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL340210 Organic surface-active agents, except soap	8.5	3.5	1.8
UL340400 Artificial waxes and prepared waxes	2.4	4.1	2.2
UL152000 Glycerin	0.7	16.4	0.3
Total	11.6	4.2	1.5

### B5.41 Basic pharmaceutical products

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL293B00 Lactones, and heterocyclic compounds and their derivatives	22.1	7.6	21.9
UL293700 Hormones and their derivatives	12.8	-0.1	437.2
UL300A00 Extracts and other human or animal substances	10.6	9.8	127.7
UL292A00 Amides and their derivatives	10.5	2.6	2.5
UL294100 Antibiotics	9.4	2.0	68.5
UL293500 Sulphonamides	8.0	24.1	84.2
UL293600 Vitamins and their derivatives	7.8	14.4	14.2

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UL293A00 Glycosides, vegetable alkaloids and their derivatives	2.5	2.0	45.7
UL294000 Sugars, chemi- cally pure	0.8	3.4	3.7
UL291820 Salicylic acid and its derivatives	0.4	3.5	3.8
Total	84.9	6.5	13.2

## B6 Ceramics Glass and Refractories

### B6.21 Flat glass and derivative products

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL700700 Safety glass	9.3	4.3	2.8
UL700500 Float glass, in sheets, polished or buffed	5.0	3.9	0.4
UL700A00 Glass cast, rolled, drawn or blown, in sheets	3.6	3.9	2.0
UL700910 Rear-view mirrors for vehicles	3.6	7.3	20.6
UL700600 Optical glass and other glass curved or beveled	2.7	5.1	5.1
UL700990 Glass mirrors	2.4	7.1	2.8
UL700800 Insulating glass, multi-walled	1.6	8.9	1.9
Total	28.2	5.1	1.5

### B6.22 Hollow glass products for packaging

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL701090 Carboys, bottles	8.7	4.6	0.7
UL702000 Glassware, n.n.a.	3.7	11.9	8.0
UL701020 Stoppers, lids and other closures, of glass	0.2	11.2	1.8
Total	12.6	6.6	1.0

### B6.23 Glass products for technical uses

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL700230 Glass: unprocessed tubes	1.1	7.0	6.3
UL701700 Laboratory, hygienic or pharmaceutical glassware, also graduated	0.9	6.3	22.6
UL7002A0 Glass in balls, rods or tubes, unworked	0.7	5.1	18.7
UL701810 Glass beads, imitation pearls	0.6	-6.0	12.7
UL701400 Signalling glassware and optical elements	0.5	2.2	26.8
UL701690 Tiles and slabs of glass for construction	0.5	4.3	1.9
UL701610 Glass cubes and other glass smallwares	0.4	-4.0	1.8
UL940591 Glass parts for lamps and d "lighting, etc..	0.4	-1.4	7.5
UL700100 Cullet and other waste and scrap of glass; glass in the mass	0.3	3.7	0.3
UL701890 Glassware n.c.a.	0.3	-2.0	6.3
UL701820 Glass microspheres of diameter <= 1 mm	0.2	6.0	0.7
UL854610 Electrical insulators, glass	0.2	1.2	2.5
UL701010 Glass ampoules	0.2	2.0	5.3
UL701500 Clock or watch glasses, glasses for spectacles, not optically worked	0.1	-2.7	35.0
UL701100 Glass envelopes, open, for electric lamps, cathode ray tubes or the like	0.1	-18.2	10.1
Total	6.5	1.5	2.4

### B6.24 Glass fibres and fabrics

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL7019A0 Voiles, webs, and other articles of glass fibers, except woven fabrics	5.4	5.8	3.1
UL701910 Rovings and yarns of glass fibers	3.2	5.3	1.2

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UL701900 Woven fabrics of glass fibers	2.1	4.2	4.3
Total	10.8	5.4	2.2

### B6.31 Works and products in asbestos, asphalt and graphite

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL681510 Articles of graphite or other carbon	4.4	7.4	31.1
UL680610 Slag wool	2.2	5.8	1.0
UL380100 Graphite and preparations based on graphite	2.1	12.4	2.6
UL680790 Articles of asphalt or of similar material	1.8	1.6	0.5
UL681599 Articles of stone or of other mineral substances, nes	1.7	12.2	2.9
UL680690 Mixtures-absorbing	1.6	4.8	1.8
UL681300 Seals for brake and clutch	1.2	0.8	9.2
UL2A0000 Tarmacadam and other bituminous mixtures	1.1	-17.0	0.5
UL281810 Artificial corundum	1.0	2.8	0.9
UL680620 Exfoliated vermiculite	0.3	3.2	0.7
UL681400 Plates, sheets and strip and articles of mica	0.2	0.8	10.3
UL681290 Clothing, paper and other articles of asbestos	0.1	2.4	4.1
UL681520 Articles of peat	0.0	-9.4	2.5
UL681280 Articles of crocidolite asbestos worked	0.0	3.9	11.2
Total	17.8	3.5	1.5

### B6.35 Ceramic products and abrasives for various uses

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL69A000 Ceramic equipment for technical uses	6.2	6.2	10
UL680500 Abrasives, applied on fabrics, paper and other materials	3.8	5.1	9
UL680422 Mole, of agglomerated abrasives or of ceramics	2.4	5.1	6
UL680421 Mole, natural diamond agglomerated synthetic or	1.5	7.4	35
UL854A00 Electrical insulators, ceramic	1.1	1.1	6
UL680430 Stones for sharpening or polishing by hand	0.1	8.4	9
UL680423 Mole, of natural stone	0.1	8.0	6
UL680410 Wheels and the like to grind or crush	0.1	2.0	6
UL710229 Industrial diamonds, worked (but not mounted or set)	0.0	-23.4	1 611
Total	15.4	5.3	9

### B6.36 Refractory materials

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL690A00 Bricks, blocks, tiles, refractories	4.0	6.1	1.0
UL6A0000 Refractory products not subjected to cooking	2.4	6.7	3.0
UL381600 Cements, mortars, concretes and similar compositions, refractory	2.2	4.4	0.6
Total	8.5	5.8	1.0

### B6.37 Decorative stone works

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL6802C0 Marble and granite, wrought	5.9	-0.6	0.6
UL6802B0 Marble and granite with a smooth surface	2.1	-1.0	0.4

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UL6802D0 Other monumental or building stone	1.0	0.8	0.6
UL680100 Blocks and flagstones	1.0	8.4	0.1
UL680300 Worked slate	0.5	-0.2	0.5
UL6802A0 Mosaic cubes	0.2	4.3	0.6
Total	10.8	0.3	0.4

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# C1 Building Materials and Products

## C1.11 Cement, lime and plaster products

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL252320 Portland cement	6.6	-1.2	0.1
UL252310 Cement clinker	4.3	6.7	0.0
UL6811A0 Articles of asbestos-cement, cellulose fiber-cement or the like	1.1	5.8	0.5
UL252200 Lime	0.9	2.1	0.1
UL382450 Concrete, ready for use	0.9	5.2	0.3
UL2523A0 Other hydraulic cements	0.9	3.2	0.2
UL252020 Chalk	0.5	0.5	0.2
UL680800 Panels of vegetable fiber, straw or wood waste	0.4	6.3	0.6
UL251800 Dolomite	0.2	3.0	0.1
Total	15.7	2.3	0.1

## C1.12 Concrete and plaster products for construction

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL681099 Pipes and other articles, of cement, concrete	3.8	12.3	1.2

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UL681091 Prefabricated cement, concrete or artificial stone	2.1	9.6	0.3
UL680910 Plaster products for construction	1.6	1.5	0.2
UL681019 Concrete tiles, concrete	1.2	3.8	0.5
UL681011 Building blocks and bricks of cement, concrete	0.6	-0.4	0.2
UL680990 Articles of plaster or of compositions based on plaster, nes	0.2	1.4	1.1
Total	9.5	7.3	0.4

## C1.13 Bricks

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL690400 Ceramic building bricks, hollow flat blocks and the like in ceramics	0.9	2.7	0.2
UL690B00 Roofing tiles, pipes and other ceramic products for the construction industry	0.7	1.7	0.3
Total	1.7	2.2	0.2

## C1.21 Doors and windows

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL940600 Prefabricated buildings of wood, iron or steel, or other material	7.2	0.6	2.2
UL392500 Doors, windows, shutters of plastics	4.0	7.0	3.9
UL761010 Doors and windows and their frames and thresholds, of aluminum	3.6	8.9	5.7
UL730830 Doors and windows and their frames of iron and steel	3.2	1.4	3.7
UL441820 Doors and their frames and thresholds, of wood	3.2	3.4	2.3

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UL441810 Windows, French-windows and their frames, of wood	1.6	2.8	4.5
Total	22.7	3.5	3.0

### C1.22 Plastic products for the building industry

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL392590 Accessories and seals for buildings intended to be permanently attached	5.1	6.2	3.0
UL392510 Tanks, ... and similar containers, of a capacity > 300 l, of plastics	0.8	4.7	3.2
Total	5.9	6.0	3.0

### C1.23 Floors

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL690C00 Ceramic tiles and slabs for floors and walls	15.2	1.1	0.3
UL391800 Floor coverings of plastics	8.0	13.2	1.4
UL441870 Hardwood Floors	2.0	3.7	2.6
UL590400 Linoleum flooring	0.1	-13.4	2.2
Total	25.4	4.3	0.5

### C1.24 Sanitary-ware and other bath furnishing

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL6910A0 Ceramic sanitary fixtures	6.1	8.1	2.1
UL392200 Flushing cisterns and other items for the bathroom in plastic	3.7	6.6	5.0
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UL732410 Sinks and washbasins, of stainless steel	1.2	4.5	6.6
UL732429 Baths of steel sheet	0.2	-0.8	3.0
UL732421 Bathtubs cast iron, whether or not enamelled	0.1	-5.3	2.2
Total	11.1	7.0	2.9

### C1.25 Doors and safe deposit boxes

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL830300 Doors and safe deposit boxes	1.0	3.8	2.5
Total	1.0	3.8	2.5

### C1.26 Plumbing

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL848180 Plumbing	46.1	3.4	15.7
Total	46.1	3.4	15.7



## D1 Electronic Parts

### D1.11 Valves, tubes, diodes and electronic boards

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL854140 Photosensitive semiconductor devices	43.4	1.9	21.6
UL853400 Printed Circuit Boards	40.7	4.2	74.4
UL854120 Transistors	21.5	6.1	213.4
UL854110 Diodes	9.9	4.3	129.4
UL854160 Mounted piezo-electric crystals	6.6	8.2	471.2
UL854190 Parts of diodes, transistors and similar semiconductor devices	6.5	0.6	52.3
UL854150 Semiconductor devices, n.n.a.	2.4	-4.4	216.6
UL854130 Thyristor, triac and diac	1.4	13.9	148.5
UL8540B0 Electronic valves and tubes	0.7	-0.5	210.5
UL8540A0 Cathode-ray tubes for TVs and tubes for cameras	0.4	-7.3	123.9
UL854099 Parts of lamps, tubes and valves hot cathode	0.1	0.4	118.2
UL854091 Parts of cathode ray tubes, n.n.a.	0.0	-13.2	417.4
Total	133.5	3.5	46.0

### D1.12 Parts of computers and other office machines

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL854231 Processors or control	221.3	11.4	630.7

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UL854239 Electronic integrated circuits excl. Processors	184.1	8.3	585.9
UL847330 Electronic assemblies and parts for computers	108.9	6.2	105.0
UL854232 Memories in the form of integrated multichips	96.0	9.3	627.5
UL844399 Parts and accessories of photocopying apparatus	42.8	1.4	34.3
UL85235A USB sticks and other media for data storage	23.3	11.7	379.5
UL854290 Parts of integrated circuits and micro assemblies	14.0	-5.2	99.8
UL854233 Amplifiers in the form of an integrated electronic circuit	11.0	10.4	633.7
UL852380 Discs for gramophones and other media for the recording of sound or of other phenomena	1.7	5.1	56.4
UL847350 Electronic assemblies designed to most types of machines	0.8	0.3	81.0
Total	703.9	8.2	209.2

### D1.13 Capacitors (fixed and adjustable)

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL853224 Dielectric ceramic capacitors, multi-layer	14.3	10.3	167.1
UL853222 Aluminum Electrolytic Capacitors	4.6	4.9	28.4
UL853229 Fixed capacitors	2.1	8.4	53.7
UL853221 Tantalum electrolytic capacitors	1.9	-0.8	253.5
UL853225 Capacitor Dielectric of paper or plastics	1.4	3.3	20.2
UL853210 Fixed capacitors for use in 50/60 Hz with power > 0.5 kvar	0.6	4.1	17.8

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UL853223 Capacitor dielectric ceramic, with a single layer	0.6	0.8	55.1
UL853230 Variable or adjustable capacitors	0.3	11.0	55.8
Total	25.8	7.3	62.0

### D1.21 Parts and accessories for audio, video and telephony

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL851770 Parts of electrical apparatus for line telephony or line telegraphy	114.3	7.6	137.7
UL852990 Parts for TV	50.4	4.1	57.6
UL901380 Liquid crystal devices	40.5	-3.8	61.6
UL901320 Lasers	6.8	18.8	412.5
UL901390 Parts and accessories of instruments for fitting to arms	5.6	-10.1	133.1
UL852910 Aerials and aerial reflectors	5.0	0.8	33.0
UL851890 Parts of microphones	3.3	4.9	27.1
UL852290 Parts and accessories of apparatus for recording and reproducing apparatus	2.3	-11.6	43.7
UL901310 Telescopic sights for fitting to arms; periscopes	0.8	10.8	345.8
UL852210 Readers phonographic	0.0	0.3	109.3
Total	228.9	3.6	83.3

### D1.23 Parts and accessories for measuring instruments

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL902790 Microtomes and polarimeters	10.6	7.1	142.5
UL903190 Parts and accessories for instruments, appliances and machines for measuring or checking, nes	7.7	8.7	125.3

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UL903090 Parts and accessories of instruments for measuring / checking electrical quantities	6.5	9.1	277.9
UL903290 Parts and accessories of instruments and apparatus, regulating or controlling	5.0	3.3	57.7
UL902690 Parts and accessories for instruments and apparatus for measuring or checking the flow	3.9	2.7	80.7
UL903300 Parts and accessories of measuring instruments	2.7	0.9	72.2
UL901590 Parts and accessories for instruments and appliances used in geodesy	2.0	-8.0	100.2
UL902890 Parts and accessories for gas meters, liquid or electricity, nes	1.9	5.9	28.2
UL902990 Parts and accessories for revolution	1.4	4.2	77.6
UL901490 Parts and accessories for compasses and other navigational instruments and appliances	1.3	1.4	270.0
UL902590 Parts and accessories for hydrometers	1.1	7.0	64.2
UL901290 Parts and accessories of microscopes, nes, and of diffraction	0.7	8.4	409.2
UL902490 Parts and accessories for machines and appliances for testing of materials, nes	0.4	4.1	100.7
UL901790 Parts and accessories for drawing instruments	0.1	3.2	30.7
Total	45.1	5.1	96.9

### D1.41 Magnetic and optical media storage

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL852340 Optical media, not recorded	12.3	-4.0	62.1
UL852329 Magnetic media, not recorded	4.0	-0.6	80.2

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UL852321 Cards with a magnetic stripe	0.3	-4.2	27.7
Total	16.6	-3.2	64.2

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## D2 Mechanical and Optical Components

### D2.21 Parts of agricultural and earth moving machineries

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL843149 Parts of cranes	23.2	4.8	4.4
UL843143 Parts for boring or sinking	9.0	-13.7	12.4
UL847490 Parts of machinery for working stones and minerals	6.3	2.2	5.1
UL843390 Parts of harvester and threshers	4.8	3.7	7.7
UL843290 Parts of agricultural machinery for tillage	2.5	4.7	4.9
UL843141 Cups and buckets for earth moving machines	1.9	4.4	4.4
UL843699 Agricultural machinery for farming	1.2	4.9	8.7
UL843490 Parts of milking machines and equipment for the dairy industry	0.8	0.8	30.8
UL843691 Parts of machinery for the poultry industry	0.4	3.9	6.5
UL843142 Blades of bulldozer	0.1	-5.0	2.9
Total	50.5	-0.5	5.6

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL848690 Other parts and accessories of machine tools	21.4	21.2	78.7
UL843139 Parts of equipment for material handling in rolling mills	7.5	6.4	9.9
UL846693 Parts of machine tools working by removing metal	6.4	4.9	27.1
UL843120 Parts of forklift	5.2	6.9	6.5
UL843131 Parts of lifts, skip hoists or escalators	4.4	2.6	6.8
UL846694 Parts for machine tools for working metal without removing	3.6	4.0	22.6
UL851590 Parts of machinery for soldering, brazing or welding	2.9	4.4	35.3
UL846610 Tool holders for machine tools and hand tools	2.7	3.7	46.4
UL846620 Holders for machine tools	1.7	6.0	33.1
UL845530 Rolls for rolling metal	1.6	4.1	3.4
UL846692 Parts of machine tools for woodworking	1.4	5.6	16.7
UL843110 Parts of hoists, winches, winches, jacks and hoists	1.3	-2.0	10.5
UL845590 Parts of metal-rolling mills, n.n.a.	1.2	-3.2	10.4
UL845490 Parts of converters, ladles, ingot molds	1.2	1.0	13.1
UL842390 Weights for scales of all kinds	0.8	2.1	36.6
UL846630 Dividing heads and other special	0.7	7.9	35.9
UL846691 Parts of machine tools for working stone	0.7	4.9	31.1
UL846890 Parts of machines and apparatus for welding	0.4	-0.6	20.9
UL870990 Parts of works trucks	0.3	4.3	12.2

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### D2.22 Parts of machinery for the metalworking industry

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UL842091 Cylinders for calendering or other rolling	0.3	3.6	9.5
UL842099 Parts of calendering or other rolling machines	0.1	5.9	23.0
Total	65.8	8.5	16.1

## D2.23 Parts of machinery for light industry

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL847990 Parts of machines and mechanical appliances n.n.a.	17.2	6.4	23.9
UL842199 Parts of apparatus for filtering or purifying liquids or gases, nes	12.1	5.0	16.7
UL847790 Parts of machinery for extrusion	6.6	6.4	28.5
UL848790 Other parts	6.0	5.7	17.1
UL842290 Parts of packaging machinery	6.0	4.5	45.1
UL842490 Parts of fire extinguishers, spray guns and similar appliances	4.6	4.5	16.1
UL843890 Parts of machinery of heading 84.38	3.1	5.6	27.2
UL848420 Mechanical seals	2.5	5.3	66.0
UL844391 Parts and accessories of printing machinery used for printing	2.4	3.5	31.7
UL848410 Gaskets of metal	2.3	3.4	24.2
UL847590 Parts of machines for assembling lamps	2.2	3.2	87.3
UL843999 Parts of machines for the manufacture of paper	1.8	6.9	18.8
UL848490 Sets or assortments of gaskets and similar joints, dissimilar in composition	1.6	2.7	43.4
UL844190 Parts of machines and apparatus for processing paper pulp	1.5	5.1	32.2
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UL845290 Parts of sewing machines, n.n.a.	1.0	8.5	20.4
UL842191 Parts of centrifuges, incl. centrifugal dryers, n.a.	0.8	3.7	54.8
UL844849 Parts and accessories of weaving machines or of their auxiliary machinery	0.8	3.1	27.9
UL844839 Parts and accessories for spinning	0.8	1.7	23.4
UL844250 Printing plates or cylinders	0.7	-10.4	11.7
UL843991 Parts of machinery for making pulp paper	0.6	7.1	19.9
UL847690 Parts of machines for the sale of products	0.6	-1.0	30.1
UL844851 Sinkers, needles and other articles used in forming stitches	0.5	0.9	114.8
UL844859 Parts and accessories for knitting machines	0.5	3.0	32.4
UL847890 Parts of machines and apparatus for processing tobacco	0.5	3.7	83.1
UL843790 Parts of machinery of heading No. 84.37	0.5	0.8	9.1
UL844820 Parts and accessories of machines for spinning "extrusion"	0.4	1.9	33.6
UL844832 Parts and accessories of machines for preparing textile fibers, nes	0.3	4.8	23.4
UL845230 Needles for sewing machines	0.2	-0.1	38.5
UL845390 Parts of machinery for working leather	0.2	9.2	19.6
UL844240 Parts of machineries, apparatus and equipment for founding or characters	0.2	-1.6	41.6
UL844090 Parts of machines and apparatus for bookbinding, nes	0.2	3.3	54.0

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UL844831 Card clothing for preparing textile fibers	0.2	4.5	16.1
UL844833 Spindles, spindle flyers, spinning rings and ring, for machines of heading 8445	0.1	0.2	33.7
UL844842 Reeds for looms, healds and heald-frames, looms for weaving	0.1	-2.1	28.2
UL843590 Parts of presses, crushers	0.1	-3.5	21.3
Total	79.1	4.9	23.6

## D2.24 Parts of pumps and other components of industrial plants

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL841199 Parts of gas turbines, n.n.a.	17.3	1.7	126.9
UL848190 Parts of taps and valves	15.5	3.1	18.6
UL841391 Parts of pumps for liquids, n.n.a.	14.4	2.6	17.2
UL841490 Parts of pumps for air or vacuum	13.9	0.3	15.4
UL841290 Parts of fluid power equipment	6.1	3.2	13.7
UL840690 Parts of steam turbines	3.2	-5.0	35.6
UL840290 Parts of boilers and steam boilers "superheated water", nes	2.4	-2.4	8.2
UL840390 Parts of boilers for central heating	1.9	1.7	9.9
UL841090 Parts of turbines and water wheels (including regulators)	0.7	-7.5	14.7
UL840490 Parts of boilers and steam engines	0.6	-0.5	10.9
UL840140 Parts of nuclear reactors	0.3	-0.1	101.5
UL840590 Parts of gas generator	0.1	-0.5	36.0
UL841392 Parts of liquid elevators, n.n.a.	0.1	-8.0	22.2
Total	76.4	1.4	20.0

## D2.61 Parts for bicycles, typewriters and musical instruments

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL871499 Other parts and accessories of cycles	3.7	2.3	14.7
UL847340 Electronic assemblies and parts for franking machines and other office	2.3	2.5	43.5
UL871491 Frames and forks, and parts thereof, of bicycles	2.1	6.6	23.5
UL847329 Electronic assemblies and parts for cash registers	1.3	6.3	42.8
UL871494 Brakes and parts thereof, of bicycles	1.0	5.6	14.6
UL871420 Parts and accessories for wheelchairs and other similar vehicles for disabled persons, nes	0.8	4.7	14.9
UL871496 Pedals and crank-gear, and parts thereof, of bicycles	0.7	-1.1	14.5
UL871493 Hubs for bicycles	0.6	4.2	15.9
UL871492 Wheel rims and spokes of bicycles	0.4	1.2	8.2
UL920999 Parts and accessories for musical instruments	0.4	3.6	21.0
UL920994 Parts and accessories of electronic musical instruments	0.4	9.8	22.6
UL851210 Electrical lighting for bicycles	0.3	2.0	26.2
UL871495 Bicycle saddles	0.3	0.6	8.7
UL847321 Electronic assemblies and parts for calculators	0.2	-22.9	56.7
UL920992 Parts and accessories for string musical instruments (without keyboard), nes	0.2	4.5	27.8
UL920930 Musical instrument strings	0.2	4.1	70.4
UL920991 Parts and accessories for pianos, n.n.a.	0.1	5.2	7.5
Total	15.0	2.8	18.8

## D2.68 Parts for photo-optical devices

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL900190 Lenses, prisms, mirrors and other optical elements (not mounted)	6.6	3.3	100.7
UL900120 Polarizing material in sheets or slabs	5.9	-0.8	46.0
UL900219 Objectives for non-photographic	4.5	7.9	453.3
UL900211 Mounted objective lenses, of any material	4.4	-0.2	315.4
UL900290 Lenses, prisms, mirrors and other optical elements, mounted	2.4	6.9	189.8
UL901190 Parts and accessories of optical microscopes, n.n.a.	0.7	5.3	143.9
UL900691 Parts and accessories of photographic equipment, nes	0.6	-21.6	54.6
UL900220 Optical filters, for instruments or apparatus, provided with frame	0.4	2.7	160.2
UL900791 Parts and accessories for cameras, n.n.a.	0.2	-2.7	98.9
UL900699 Parts and accessories for the production of flashes of light in photography, nes	0.2	-8.7	55.4
UL900590 Parts and accessories of binoculars, monoculars, other optical telescopes	0.1	2.4	86.2
UL901090 Parts and accessories of apparatus and equipment for photographic or cinematographic laboratories	0.1	-8.9	47.8
UL900792 Parts and accessories for projectors, n.n.a.	0.1	-7.7	125.2
UL900890 Parts and accessories for projectors	0.1	-5.1	35.2
Total	26.2	1.3	100.9

## D2.73 Parts for household appliances

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL841590 Parts of air conditioners	16.9	7.5	9.7
UL841430 Compressors for refrigeration equipment	11.8	2.3	6.5
UL841899 Parts of refrigerators and freezers	5.6	2.5	8.2
UL851680 Electric heating resistors	3.9	9.6	29.1
UL851690 Parts of water heaters and immersion heaters	3.5	4.9	10.7
UL841790 Parts of non-electric industrial furnaces	1.7	1.2	10.4
UL732190 Parts of cooking appliances and plate warmers, of iron or steel	1.3	3.3	3.5
UL845090 Parts of machines for washing clothes, nes	1.3	-1.3	7.5
UL851490 Parts of industrial electric furnaces	1.2	2.4	25.2
UL850990 Parts of electromechanical devices	1.1	9.8	15.0
UL841690 Parts of furnace burners	0.9	1.8	28.3
UL850870 Vacuum cleaner parts, including idropulitori and dry cleaners, nec	0.9	5.0	11.4
UL845190 Parts of machinery for washing, cleaning, wringing fabrics nes	0.8	5.9	16.7
UL851090 Parts for shavers	0.6	4.2	60.7
UL841891 Furniture designed to receive an apparatus for the production of cold	0.1	-0.9	5.7
Total	51.5	4.7	9.0

## D2.74 Parts and components of watches

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL911400 Other clock or watch	2.0	0.5	177.8
UL91B000 Watch cases and parts thereof	1.3	0.6	186.1

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UL91A000 Watch movements, complete and assembled	1.2	-2.8	240.4
UL911000 Clock movements unmounted	0.3	-1.3	181.9
UL911019 Rough watch or clock movements	0.0	16.0	363.5
Total	4.7	-0.4	193.3

## D2.75 Parts for engines

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL840999 Parts of diesel engines	30.3	3.3	13.5
UL840991 Parts of internal combustion engines	28.6	3.6	12.3
Total	58.9	3.4	12.9

## D2.76 Parts of electromechanical tools, manuals

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL846799 Parts of tools for working in the hand	2.0	5.1	17.6
UL846791 Parts of chain saws	0.6	0.7	13.6
UL846792 Parts of pneumatic tools operated by hand	0.5	3.2	28.5
Total	3.1	3.8	17.8



## D3 Components for Vehicles

### D3.11 Engines and chassis for motor vehicles

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL840734 Engines, internal combustion engine capacity exceeding 1 000 cm <sup>3</sup>	31.3	5.6	13.1
UL840820 Diesel engines for vehicles	27.3	1.5	10.9
UL841480 Turbo-compressors, one-celled	18.0	0.9	14.7
UL841330 For fuel injection pumps	12.2	4.8	22.1
UL870600 Chassis fitted with engines, for motor vehicles	2.8	5.6	7.6
UL840733 Engines, internal combustion engine capacity > 250 cm <sup>3</sup> but <= 1.000 cm <sup>3</sup>	2.2	20.1	12.8
UL84073A Engines, internal combustion engine capacity <= 250 cm <sup>3</sup>	0.6	11.0	11.3
Total	94.4	3.6	13.0

### D3.12 Batteries and accumulators

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL850780 Other electric accumulators	25.6	19.5	33.7
UL850710 Lead-acid accumulators for starting engines	9.4	10.2	2.5

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UL850720 Other lead-acid electric accumulators	6.5	6.8	3.3
UL8507A0 Electric accumulators, nickel	0.8	-0.9	18.0
Total	42.3	14.3	6.5

### D3.13 Bodies and parts of bodies and trailers

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL870829 Body parts for tractors and special vehicles	65.7	6.5	6.3
UL871690 Parts of trailers and semi-trailers, chassis	8.2	7.7	3.0
UL870810 Bumpers and parts thereof	7.0	8.3	9.8
UL870790 Bodies of tractors	4.8	9.5	8.3
UL870710 Bodies for motor vehicles for the transport of persons	2.5	-4.7	7.3
Total	88.3	6.5	5.9

### D3.14 Parts of batteries and accumulators

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL850790 Parts of electric accumulators	4.1	15.6	9.8
UL850690 Parts of primary cells and primary batteries	0.3	3.0	19.6
Total	4.4	14.5	10.1

### D3.21 Parts and accessories for motor vehicles

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL854430 Electrical cables for transport	36.4	8.6	18.5

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UL851220 Electrical lighting for cars	17.4	8.1	27.4
UL851290 Parts of electrical lighting or signaling	7.7	10.7	18.7
UL851140 Starters for engines with spark ignition	4.8	6.9	11.4
UL851150 Generators, for engines with spark ignition	4.8	4.0	10.7
UL851190 Parts of appliances and electrical ignition or starting	3.0	4.2	11.4
UL851110 Spark plugs for engines with spark ignition	2.5	4.0	30.4
UL851130 Distributors and ignition coils for spark ignition engines	1.7	3.5	24.4
UL851230 Electrical equipment for acoustic	1.2	4.2	22.9
UL851240 Wipers	1.0	2.3	11.0
UL851180 Appliances and Electrical ignition or starting	0.9	3.1	48.3
UL853929 Filament lamps for motorcycles or other motor vehicles	0.9	-3.3	24.2
UL853910 Sealed beam headlamps (sealed)	0.3	-9.7	22.8
UL851120 Magnets, magneto-dynamos, magnetic flywheels, for spark ignition engines	0.1	3.2	14.4
Total	82.7	7.3	18.3

### D3.22 Non-electric parts and accessories for motor vehicles

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL870899 Parts and accessories n.n.a.	78.7	3.4	6.9
UL870840 Gearboxes	61.9	8.6	12.6
UL870830 Brakes and servo brakes and brake parts	28.4	5.7	5.0
UL870850 Axles with differential	22.5	8.0	6.1
UL870894 Steering wheels, guide columns "columns" and steering boxes	20.0	6.8	10.8
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UL870870 Road wheels and parts and accessories	17.8	6.2	3.7
UL870880 Suspension shock-absorbers	16.8	7.7	5.5
UL870895 Airbags	10.1	9.3	15.5
UL870893 Clutches and parts thereof	9.6	5.5	7.1
UL870892 Silencers and exhaust pipes	8.1	7.3	9.7
UL842123 Filters for oil	6.1	5.1	9.9
UL870891 Radiators	6.0	5.2	9.7
UL830230 Mountings, fittings and similar articles, of base metal, for motor vehicles	5.5	6.9	6.7
UL830120 Locks of a kind used for motor vehicles, of base metal	3.1	3.4	15.8
UL842131 Air Filters	3.0	6.5	10.0
UL940120 Seats of a kind used for motor vehicles	2.4	7.9	9.4
UL870821 Safety belts for the protection of persons in motor vehicles	2.4	6.2	12.1
Total	302.4	6.1	7.3

### D3.23 Radio, watches and other tools for car

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL852720 Car audios	6.9	-2.0	59.9
UL841520 Air conditioners for vehicles	1.8	7.6	14.4
UL910400 Instrument panel clocks and the like, for vehicles	0.1	12.2	138.5
Total	8.9	-0.3	36.6

### D3.31 Engines and parts for ships

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL840790 Engines, spark-ignition "internal combustion engines"	2.8	4.2	10.3
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UL840721 Outboard motors for marine propulsion	2.6	7.6	25.4
UL848710 Ships' or boats' propellers and blades thereof	0.7	-7.4	14.5
UL840729 Engines, internal combustion engines for the propulsion of ships	0.3	11.6	16.4
Total	6.3	4.0	14.5

### D3.32 Engines and other aircraft components

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL880330 Parts of airplanes and helicopters	68.9	5.4	317
UL841191 Parts of turbo-jets or turbo-propellers	53.1	13.9	654
UL841112 Turbo-jets, thrust > 25 kN	35.0	18.1	1 067
UL880320 Carriages and parts thereof, for aircraft, nes	5.7	10.1	173
UL880390 Parts of spacecraft and launch	3.9	6.0	323
UL840710 Ignition engines for aircraft spark	2.4	12.3	245
UL841122 Turbo-propellers of a power > 1.100 kW	1.6	8.4	553
UL940110 Seats of a kind used on aircraft	1.5	5.2	106
UL880310 Propellers and rotors and parts thereof, for aircraft and helicopters	1.0	4.2	254
UL841111 Turbo-jets, thrust ≤ 25 kN	1.0	10.1	379
UL841121 Turbo-propellers of a power ≤ 1.100 kW	1.0	0.7	231
UL840910 Parts of internal combustion engines for aircraft	0.5	2.2	173
UL841210 Reaction engines (excluding turbo)	0.4	14.1	63
Total	176.0	10.2	416

### D3.33 Parts for tramway locomotives and rolling

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL860799 Bushings, boxes, frames for rolling stock	3.4	3.2	16.3
UL860719 Axles, assembled, wheels and parts	2.6	-1.1	2.6
UL860720 Brakes for rail vehicles	1.4	-3.2	12.2
UL86071A Swivel casters	0.8	4.5	16.1
UL860800 Material fixed signal and control	0.8	1.5	11.1
UL860730 Hooks and other coupling devices, buffers, and parts thereof	0.7	3.8	8.2
UL860791 Parts of locomotives or rail locomotives, n.n.a.	0.7	-6.4	15.3
Total	10.4	0.4	6.7

### D3.41 Parts for motorcycles

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL871419 Parts and accessories for motorcycles, n.n.a.	7.1	5.6	14.0
Total	7.1	5.6	14.0

### D3.51 Tires and inner tubes

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL401110 Tires for cars	37.1	2.9	3.7
UL401120 Tires for buses or lorries	20.5	0.6	2.7
UL401100 Tires for agricultural machinery and earthmoving	9.3	4.8	3.4
UL401140 Rubber tires for motorcycles	1.3	2.5	4.0
UL401290 Solid or cushion tires	1.2	0.9	2.6
UL401300 Inner tubes, of rubber	0.9	-1.6	2.9
UL401150 Rubber tires for bicycles	0.7	3.3	6.1

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UL401130 Tyres for aircraft	0.6	4.1	15.8
UL401212 Retreaded tires for buses and trucks	0.3	6.5	2.3
UL401210 Retreaded tires for other means	0.2	8.6	4.5
UL400610 Strips for re-treading of tires	0.1	-4.6	2.8
UL401211 Retreaded tires for cars	0.0	-1.9	2.0
Total	72.3	2.4	3.3

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## D4 Electrotechnical

### D4.11 Electric motors, generators and transformers

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL850440 Static Converters	49.2	5.7	28.3
UL850110 Electric motors power <= 37,5 W	11.9	5.0	19.6
UL85013A DC motors and generators of a power <= 75 kW	11.8	14.1	16.3
UL850450 Inductors and parts	10.1	5.6	31.3
UL85015A AC motors, multi-phase: power <= 75 kW	9.9	5.5	10.3
UL850231 Wind turbines	4.9	-1.6	7.7
UL850140 AC motors, single-phase	4.6	3.9	8.5
UL850431 Dry-type transformers, power <= 1 kVA	4.5	2.7	16.9
UL850213 Diesel generating sets, power> 375 kVA	4.3	-4.2	9.4
UL85016B Alternators, power> 75 kVA	3.6	1.3	8.2
UL850220 Generating sets with internal combustion engine	3.6	4.8	9.9
UL850153 AC motors, multi-phase: power> 75 kW	3.4	-1.9	8.6
UL850423 Liquid dielectric transformers, having a power> 10.000 kVA	3.4	-1.0	7.7
UL850239 Turbo-generators	2.4	-9.1	14.7
UL850211 Diesel generating sets, power <= 75 kVA	1.6	0.1	6.4

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UL850422 Liquid dielectric transformers, having a power> 650 kVA but <= 10.000 kVA	1.4	3.5	5.3
UL850421 Liquid dielectric transformers, having a power <= 650 kVA	1.3	-2.5	5.2
UL850212 Diesel generating sets, power> 75 kVA but <= 375 kVA	1.3	-2.4	6.7
UL850434 Dry-type transformers, power> 500 kVA	1.3	1.3	5.8
UL850410 Ballasts for discharge lamps or tubes	1.2	-17.2	20.1
UL850120 Universal AC/DC motors of an output > 37,5 W	1.1	3.1	12.9
UL850433 Dry-type transformers, power> 16 kVA but <= 500 kVA	1.0	0.9	9.5
UL85016A Alternators, power <= 75 kVA	0.9	2.6	10.6
UL85013B DC motors and generators of power> 75 kW	0.6	0.9	9.6
UL850432 Dry-type transformers, power> 1 kVA but <= 16 kVA	0.5	1.5	13.1
UL850240 Electric rotary converters	0.1	-1.0	26.6
Total	139.9	3.7	14.4

### D4.12 Electricity distribution and control apparatus

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL854460 Electrical cables for voltages> 1000 V	6.1	2.7	5.5
UL853590 Electrical components for a voltage> 1.000 V	3.1	0.7	27.0
UL853530 And-break switches, for a voltage> 1.000 V	1.6	-1.2	17.7
UL853521 Automatic circuit breakers for a voltage> 1.000 V but <72,5 kV	0.9	8.1	20.8

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UL853529 Automatic circuit breakers for a voltage > 72,5 kV	0.7	-4.3	13.9
UL853540 Lightning arresters, voltage limiters, for a voltage > 1.000 V	0.6	3.6	23.0
UL853510 Fuses and circuit breakers fuses, for a voltage > 1.000 V	0.4	10.1	22.3
Total	13.3	1.8	9.2

### D4.13 Switchboards

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL853710 Numerical control panels: voltage <= 1000 V	51.0	9.5	55.5
UL853720 Numerical control panels: 1000 V < voltage <= 72.5 kV	5.3	0.2	18.9
Total	56.3	8.4	46.9

### D4.14 Other electrical equipment n.c.a.

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL850590 Electromagnets	2.7	6.7	18.9
UL854320 Signal generators, electrical	1.0	0.7	202.5
UL850520 Couplings, clutches and brakes	0.8	1.0	20.6
UL854310 Particle accelerators for electrons	0.1	11.2	110.5
Total	4.6	4.3	24.9

### D4.20 High voltage cables

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL731210 Stranded wire, ropes and cables, of iron or steel	5.8	3.9	1.9

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UL741300 Stranded wire, cables, plaited bands and the like, of copper	1.7	4.0	6.5
UL7614A0 Cables, of aluminum, not electrically insulated	1.4	6.9	2.6
UL731290 Slings and similar articles, of iron or steel	0.4	0.6	4.3
UL731300 Barbed wire of iron or steel; cords "torsades"	0.2	1.5	1.2
Total	9.4	4.2	2.3

### D4.31 Wires and cables, switches, plugs, sockets and electrical panels

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL853690 Electrical components for a voltage <= 1000 V	34.5	5.3	32.1
UL854442 Electric conductors, for a voltage <= 1000V	27.7	6.6	18.4
UL854449 Electric conductors, for a voltage <= 80 V, isolated	25.7	5.2	6.0
UL853650 Switches and switches, voltage <= 1000 V	17.9	4.7	40.7
UL853669 Plugs and sockets for a voltage <= 1000 V	15.8	7.3	31.9
UL853620 Automatic circuit breakers, voltage <= 1000 V	6.9	4.0	22.6
UL854511 Electrodes of graphite or other carbon, of a kind used for furnaces	6.9	35.9	7.7
UL854470 Optical fiber cables of individually sheathed	6.0	8.3	14.9
UL854420 Coaxial cables	5.4	2.6	11.2
UL854411 Winding wire for electricity, copper, insulated	4.5	1.7	7.3
UL853649 Relays for a voltage > 60 V but <= 1000 V	4.4	4.2	42.2

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UL853641 Relays for a voltage <= 60 V	4.3	4.9	39.2
UL853321 Fixed resistors for a power <= 20 W	4.3	9.4	59.6
UL853630 Apparatus for protecting electrical circuits, voltage <= 1 000 V	3.6	5.4	40.2
UL853340 Rheostats and potentiometers	3.0	3.5	65.2
UL853610 Fuses and circuit breakers fuses, for a voltage <= 1000 V	2.2	3.8	29.5
UL900110 Cables of optical fiber bundles	2.1	14.8	86.1
UL853670 Articles of copper, n.n.a. Connectors for optical fibers	1.6	13.5	22.2
UL854690 Electrical insulators, plastic	1.3	6.1	12.0
UL854519 Electrodes of graphite or other carbon, for electrical purposes	1.2	1.4	10.7
UL854419 Winding wire for electricity, of any material other than copper, insulated	0.9	4.7	7.7
UL854790 Insulating fittings of material other than ceramic and plastic	0.9	6.2	13.2
UL853329 Fixed resistors for a power handling capacity > 20 W	0.9	7.0	37.4
UL854520 Carbon brushes for electrical purposes	0.6	6.1	42.6
UL854590 Articles of graphite or other carbon, for electrical purposes	0.6	13.4	17.5
UL853310 Fixed carbon resistors, composition or film types	0.5	10.2	44.2
UL853661 Lampholder: voltage <= 1000 V	0.4	-0.9	9.6
UL853330 Variable resistors	0.2	1.3	66.0
Total	184.4	6.3	15.9

### D4.32 Lamps and parts of lamps and lighting

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL940599 Parts of lamps and lighting	3.3	4.4	10.2

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UL853921 Tungsten halogen lamps	1.7	-6.8	30.2
UL853931 Lamps and fluorescent tubes hot cathode	1.3	-23.2	7.2
UL940560 Illuminated signs, illuminated signs, illuminated name-plates and the like	1.0	6.2	14.1
UL853949 Lamps and ultraviolet or infrared	0.8	5.9	51.7
UL853932 Mercury or sodium vapour lamps; metal halide lamps	0.8	-12.6	65.2
UL853990 Parts of lamps and filament or discharge	0.8	-4.3	18.1
UL940592 Plastic parts for lamps, lighting fittings and illuminated signs and name-plates	0.6	8.4	10.5
UL853941 Arc lamps	0.5	1.5	281.4
UL853939 Lamps and discharge tubes	0.4	-12.0	65.8
UL853922 Bulbs, power <= 200 W, voltage > 100 V	0.4	-11.3	9.8
UL851390 Parts of portable electric lamps	0.1	-3.7	27.7
Total	11.6	-5.7	14.3

### D4.41 Parts for electrical equipment

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL853890 Parts of electricity electrical circuits	26.5	3.2	25.3
UL850300 Parts suitable for electric motors and generators	16.2	4.1	9.4
UL854390 Parts of machines and apparatus, having individual functions	10.8	11.7	96.7
UL850490 Parts of transformers, inductors and parts	9.7	3.5	20.7
UL854720 Insulating fittings of plastics	4.2	13.9	20.5
UL854890 Other electrical parts of machinery or equipment	4.0	3.4	59.8

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UL853190 Parts of electric sound or visual signaling, nec	3.7	1.8	34.7
UL853810 Boards, panels, consoles	3.6	6.6	9.3
UL853090 Parts of electrical signaling	0.8	1.6	48.9
UL853290 Parts of electrical capacitors	0.6	2.4	27.7
UL853390 Parts of electrical resistors, rheostats and potentiometers	0.4	-1.2	32.7
Total	80.5	4.9	19.4

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# E0 Packaged Food and Beverage

## E0.12 Oil, condiments and spices

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL210390 Preparations for sauces and prepared sauces and seasonings	8.6	6.8	2.1
UL150910 Olive oil, virgin	6.1	8.7	3.7
UL151790 Mixtures of animal and vegetable oils	3.4	3.6	1.2
UL151219 Sunflower oil	2.9	1.5	0.9
UL1514B0 Rape, colza and mustard oil	2.5	3.9	0.8
UL210320 Salsa "Ketchup" and other tomato sauces	1.6	2.5	1.1
UL150790 Soybean oil	1.5	0.4	0.8
UL150990 Olive oil, refined	1.3	6.0	3.4
UL151710 Margarine	1.2	-2.4	1.1
UL220900 Vinegar and substitutes	0.6	6.0	1.0
UL210310 Soy sauce	0.5	6.1	1.3
UL151000 Olive oil, mixtures	0.5	16.0	2.0
UL090412 Pepe packed	0.3	-3.2	4.9
UL210330 Mustard flour and meal and prepared mustard	0.3	3.6	1.6
UL150890 Groundnut oil	0.2	26.8	1.5
Total	31.5	5.0	1.5

## E0.14 Milk, yoghurt, butter and cheese

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL040690 Other cheeses	16.2	0.7	4.3
UL040221 Milk powder unsweetened: fat 1-6	8.0	-4.2	2.8
UL040510 Butter	6.9	10.7	4.8
UL040610 Fresh cheese and dairy products	5.9	5.4	3.1
UL040210 Milk powder: less than 1	5.7	-8.7	1.7
UL040120 Fresh milk: fat 1-6	4.4	-0.8	0.5
UL040130 Fresh milk: fat > 6	2.9	10.7	2.2
UL0405A0 Milkfat	2.5	7.7	5.3
UL040630 Processed cheese	2.4	0.9	3.9
UL040310 Yogurt	2.3	3.1	1.3
UL040290 Milk and cream, concentrated	2.1	-0.8	1.2
UL040620 Grated cheeses or powder of all types	1.9	9.2	4.4
UL040390 Buttermilk, sour cream, kefir, etc.	1.6	1.1	1.3
UL040110 Fresh milk: less than 1	0.7	4.2	0.6
UL040640 Blue-veined cheese	0.5	1.5	6.7
UL040229 Sweetened milk powder: fat 1-6	0.4	6.3	2.5
Total	64.5	1.0	2.0

## E0.15 Rice, pasta and flour (packaged)

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL100600 Rice, semi-milled and broken rice	21.0	4.8	0.5
UL190400 Prepared foods obtained by the swelling or roasting	5.5	5.4	2.2
UL190219 Durum wheat pasta	3.5	2.2	0.9
UL190120 Flour for bread and biscuits	3.1	4.4	1.8
UL1104A0 Cereals for breakfast	1.2	6.0	0.5
UL190211 Egg Pasta	0.4	3.1	1.6
UL190240 Couscous	0.1	5.2	1.2
Total	34.9	4.6	0.7

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## E0.22 Meat and fish (processed and packaged)

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL210690 Food preparations n.n.a.	36.7	8.4	4.4
UL160400 Other prepared or preserved fish	14.6	5.1	3.9
UL1602A0 Canned Meat	12.2	3.7	3.7
UL0307B0 Prepared or preserved mollusks and other invertebrates	10.3	13.5	4.8
UL160500 Prepared or preserved crustaceans	9.5	6.3	7.7
UL190110 Homogenized from cereals	8.8	10.0	6.3
UL160100 Sausages	4.3	3.1	3.4
UL190230 Pasta, cooked or otherwise prepared	2.5	7.7	1.8
UL210410 Soups and broths	2.2	2.5	2.3
UL021019 Meat of swine, salted, in brine, dried or smoked	1.9	-0.5	5.1
UL190220 Filled pasta	1.4	6.6	2.6
UL1602B0 Hams and shoulders pig, cooked	1.3	0.5	4.0
UL021090 Flours and meals meals of meat or meat offal	0.8	-3.5	2.9
UL021012 Bellies pork, salted, dried or smoked	0.5	5.5	4.4
UL210420 Homogenized based mixed	0.5	7.0	3.4
UL200710 Homogenized fruit-based	0.4	9.5	2.2
UL160430 Caviar	0.4	6.5	15.0
UL021011 Hams and pork shoulder bone	0.3	5.6	5.2
UL021020 Meat of bovine animals, salted, dried or smoked	0.2	0.9	10.4
UL160210 Homogenized meat	0.1	1.0	3.1
UL200510 Homogenized vegetable-based	0.1	1.1	1.8

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Total			
	108.9	6.8	4.2

  

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL200819 Nuts, prepared or preserved	3.9	7.3	4.7
UL200899 Mixed fruit, prepared or preserved	3.3	7.3	1.9
UL2005A0 Vegetables, prepared or preserved	3.0	3.7	1.6
UL200290 Pureed tomatoes	2.5	-2.1	0.8
UL081190 Other fruit frozen	2.4	8.5	1.8
UL200799 Jams made with fruit	2.3	4.4	1.6
UL200570 Olives, prepared	1.7	3.8	1.7
UL200811 Peanuts, otherwise prepared or preserved	1.6	7.5	2.0
UL080620 Grapes, dried	1.6	1.6	1.9
UL200190 Vegetables pickled	1.3	4.4	1.4
UL200490 Other vegetables, frozen	1.3	10.9	1.7
UL200210 Tomatoes, prepared or preserved, whole or in pieces	1.1	0.4	0.7
UL081110 Strawberries, uncooked or cooked, frozen	1.0	9.1	1.5
UL0813A0 Apples and other dried fruit	0.9	8.1	3.3
UL200300 Mushrooms and truffles, prepared or preserved	0.9	4.1	1.5
UL200580 Maize prepared and stored	0.9	3.2	1.1
UL200820 Pineapples, prepared and preserved	0.9	-0.2	0.9
UL200892 Mixtures of fruit, prepared or preserved	0.8	1.7	2.0
UL081120 Frozen raspberries	0.8	-1.0	1.7

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Products	Bn € 2018	Cagr 15-18	€/Kg 2018
UL200830 Citrus fruit, prepared and preserved	0.7	6.4	1.2
UL200870 Peaches, prepared or preserved	0.7	-1.3	1.0
UL200110 Cucumbers and gherkins, pickled	0.5	4.1	0.9
UL081320 Plums, dried	0.4	-1.3	2.3
UL081310 Apricots, dried	0.3	-1.8	2.6
UL081350 Mixtures of nuts or dried nuts of this chapter	0.3	3.1	6.8
UL200591 Bamboo shoots	0.2	5.4	1.4
UL200860 Cherries, prepared	0.2	-0.8	1.9
UL200880 Strawberries, prepared or preserved	0.2	4.4	1.8
UL200840 Pears, prepared	0.2	-0.3	1.1
UL200850 Apricots, prepared or preserved	0.1	-0.3	1.2
UL081290 Other preserved fruit	0.1	11.1	1.5
UL200791 Jams made with citrus fruits	0.1	5.1	2.2
UL200891 Palm hearts, prepared or preserved	0.1	-3.2	1.9
UL081210 Cherries, preserved	0.1	-1.6	1.5
Total	36.4	4.2	1.5

### E0.31 Cookies and other baked goods

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL190590 Snacks and festivity products	18.8	7.4	2.5
UL190531 Biscuits with added sweetening matter	7.2	4.5	2.4
UL190532 Waffles and wafers	3.6	8.7	3.2
UL190500 Breadsticks, rusks, toasted bread and similar toasted products	1.1	8.4	2.3
UL190520 Gingerbread and "gingerbread", also containing cocoa	0.3	8.7	2.9
Total	31.0	6.9	2.5

### E0.32 Sugar, chocolate, sweets and ice cream

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL180690 Chocolate in containers, in packages <2 kg	12.4	4.5	4.6
UL170199 Refined white cane or beet sugar, in solid form	10.0	1.7	0.4
UL170400 Candy & Sweets	9.9	3.3	2.7
UL180632 Chocolate bars, not filled, in packs <2 kg	4.0	4.2	4.8
UL180631 Chocolate bars, filled, packed <2 kg	3.9	4.0	4.4
UL210500 Ice cream	3.6	7.6	2.6
UL200600 Candied fruit	0.4	1.9	2.6
UL180610 Cocoa powder, sweetened	0.3	2.3	2.7
Total	44.5	3.7	1.2

### E0.33 Tea and coffee (packaged)

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL090100 Coffee, decaffeinated or roasted	9.9	5.4	6.8
UL210111 Extracts, essences and concentrates of coffee	4.4	4.1	6.6
UL0902B0 Teabags	2.8	3.9	6.7
UL210112 Coffee-based preparations	1.6	6.8	3.5
UL210120 Essences and concentrates of tea or maté	1.0	2.8	6.6
UL210130 Extracts of coffee substitutes	0.1	-1.5	3.3
UL090190 Coffee husks and skins	0.1	6.7	4.8
Total	19.7	4.8	6.2

### E0.41 Water and soft drinks

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL220200 Soft drinks	17.6	7.5	0.8
UL200910 Orange juice	5.1	3.6	1.0
UL220100 Mineral water	3.5	6.2	0.3
UL2009A0 Other fruit and vegetable juices	3.3	5.4	1.4

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UL200970 Apple juice	2.2	3.6	0.9
UL200990 Mixtures of fruit and vegetables	1.9	6.3	1.0
UL200960 Grape juice	0.7	1.4	1.1
UL200940 Pineapple juice	0.5	-0.8	0.8
UL200920 Grapefruit	0.3	8.6	1.4
UL200950 Tomato juice	0.1	5.4	0.6
Total	35.0	6.0	0.8

## E0.42 Alcoholic beverages

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL220421 Bottled wine	22.3	4.4	3.8
UL220300 Beer	13.6	7.4	0.8
UL220830 Whisky	10.2	5.1	7.1
UL220410 Sparkling wine of fresh grapes	6.0	6.7	5.7
UL220820 Spirits of wine or grape marc	5.9	10.3	10.5
UL220890 Ethyl alcohol (<80 degrees) non-denatured	4.0	9.9	4.8
UL220429 Bulk wine	3.4	4.5	0.9
UL220870 Other liqueurs	2.8	3.6	5.1
UL220860 Vodka	2.2	-0.4	3.5
UL220840 Rum and tafia	1.3	6.8	4.3
UL220600 Cider and other fermented beverages	1.3	3.6	1.1
UL220850 Gin and Juniper	1.1	12.3	5.7
UL220500 Vermouth and other flavored wines	0.4	-1.9	1.7
UL220430 Grape must	0.1	10.3	1.6
Total	74.8	5.8	2.3

# E1 Consumer Packaged Goods

## E1.51 Detergents and other products for washing, cleaning, polishing

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL340220 Detergents	18.7	4.5	1.3
UL34010B Soap to wash	3.1	2.2	1.3
UL330700 Preparations for perfuming or deodor- izing rooms	2.7	3.6	4.4
UL340500 Polishes and creams, for footwear, fur- niture, glass etc..	2.0	2.2	3.4
Total	26.4	4.0	1.5

## E1.52 Paper products for household use

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL481840 Sanitary towels and tampons	13.6	2.4	3.4
UL481820 Handkerchiefs	3.8	3.3	1.8
UL481810 Toilet paper in rolls of a width <= 36 cm	3.2	1.3	1.5
UL560120 Wadding, other articles of wadding	3.1	4.5	3.7
UL482369 Trays, dishes, paper cups	2.1	10.9	2.6
UL481830 Tablecloths and serviettes	1.0	1.4	2.5
UL482361 Trays, dishes, bamboo	0.0	-0.6	3.0

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Total	26.9	3.1	2.6
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## E1.61 Pet food

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL230910 Pet food	12.0	7.7	1.6
Total	12.0	7.7	1.6

## E1.71 Cigarettes, matches, salt

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL240200 Cigars and cigarettes, of tobacco or of tobacco substitutes	24.4	5.4	17.2
UL240300 Other manufac- tured tobacco and manu- factured tobacco;	4.6	1.9	8.7
UL250100 Salt	3.0	4.8	0.2
UL481300 Cigarette paper	1.2	0.4	4.6
UL360500 Matches	0.1	-3.3	1.9
Total	33.3	4.6	1.9

## E1.72 Stationery and electric batteries

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL482390 Other paper and paperboard for writ- ing	3.7	4.9	2.4
UL850610 Primary cells and primary batteries manganese dioxide	3.3	2.5	5.2
UL960810 Ball pens and pencils	2.7	4.0	13.4
UL850650 Batteries and lithium batteries	2.4	8.2	47.0
UL482010 Registers, ac- count books	2.3	6.8	3.1
UL960820 Pens and felt tip markers or other porous	1.5	8.6	8.9

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UL960910 Pencils with sheath	1.0	5.7	6.1
UL482370 Articles of paper obtained by pressing	0.8	7.3	1.6
UL482320 Filter paper and paperboard filter, in strips or rolls	0.8	3.0	4.7
UL481710 Envelopes of paper or paperboard	0.7	2.0	2.3
UL321300 Colors for school and leisure	0.6	7.3	4.4
UL850680 Primary cells and primary batteries	0.6	1.2	9.3
UL482030 Binders	0.5	-0.8	2.4
UL482020 Notebooks	0.5	4.9	1.7
UL960890 Nibs and other parts of feathers	0.4	4.1	16.2
UL960830 Pens	0.4	11.9	69.6
UL4822A0 Drums, Bobbins	0.4	5.1	1.0
UL960990 Pastels, drawing charcoals, writing or drawing chalks and tailors	0.3	2.7	3.3
UL850660 Batteries and zinc-air batteries	0.3	12.6	45.8
UL482090 Blotting pads and other articles of stationery for school	0.3	5.8	3.8
UL960840 Mechanical Pencils	0.2	2.4	16.4
UL482050 Albums for samples or for collections, of paper or cardboard	0.2	-0.5	5.0
UL821410 Paper knives, letter openers	0.2	3.9	6.4
UL481730 Boxes, pouches, wallets and writing	0.2	2.3	3.5
UL850640 Batteries and silver oxide batteries	0.2	0.6	88.4
UL960860 Refills for ball point pens	0.2	7.7	41.4
UL482340 Paper with diagrams to chart recorders in rolls of a width <= 36 cm	0.1	3.3	4.4
UL401692 Erasers	0.1	6.5	2.8
UL960850 Assortments of most types of pens	0.1	-3.1	10.8
UL960920 Mine for pencils or pencil	0.1	2.7	8.2
UL481720 Letter cards	0.1	0.2	6.3

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UL482040 Blocks and booklets for multiple copies	0.0	-8.7	3.5
UL850630 Primary cells and primary batteries mercuric oxide	0.0	-2.3	3.9
Total	25.0	4.9	4.2

**E1.81 Personal Care**

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL34010A Soaps and soaps for cleaning the skin	6.6	7.1	2.2
UL330510 Shampoo	4.9	5.1	2.9
UL330610 Toothpastes, even of the kind used by dentists	3.7	5.1	3.9
UL330720 Personal deodorants	3.2	1.4	5.7
UL330690 Preparations for oral or dental hygiene	1.4	6.9	4.9
UL330730 Perfumed bath salts for the bath	1.2	6.7	2.5
UL330710 Pre-shave, shaving or after-shave	0.9	2.7	3.9
UL330620 Flossing	0.3	7.4	10.0
Total	22.1	5.2	3.1

## E2 Finished goods for the Person

### E2.11 Underwear and hosiery

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL610910 T-shirts and tank tops, knitted or crocheted, of cotton	27.2	6.6	14.6
UL610990 T-shirts and tank tops, knitted or crocheted, not cotton	12.9	3.8	20.2
UL620520 Cotton shirts for men	9.7	-0.2	25.1
UL621210 Brassieres	9.3	5.8	34.0
UL620640 Blouses and shirt-blouses, of synthetic, for women	6.9	8.4	30.7
UL610510 Underwear: cotton shirts for men	4.9	2.7	21.0
UL611595 Socks and socks, cotton	4.4	5.4	11.8
UL620630 Blouses and shirt-blouses, of cotton, for women	3.9	-0.4	34.0
UL611596 Socks and stockings of synthetic fibers	3.4	7.0	10.9
UL610711 Briefs and panties, knitted or crocheted, of cotton, for men	3.4	6.0	15.3
UL61082A Briefs and panties, knitted or crocheted, not cotton, for women	2.8	4.0	28.6
UL610821 Briefs and panties, knitted or crocheted, of cotton for women	2.5	3.7	18.7

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UL6105A0 Underwear: not cotton shirts for men	2.3	6.6	20.0
UL6106A0 Underwear: not cotton T-shirts for women	2.2	0.7	23.0
UL620530 Shirts of man-made fibers, for men	1.7	6.3	18.0
UL610610 Underwear: cotton shirts for women	1.7	-4.2	19.8
UL610890 Dressing gowns and bathrobes in knitted	1.6	3.8	12.8
UL61083A Nightdresses and pajamas, knitted or crocheted, not cotton, for women	1.6	7.3	12.1
UL610831 Nightdresses and pajamas, knitted or crocheted, of cotton for women	1.6	3.2	13.4
UL620590 Linen shirts or other textile materials, for men	1.4	14.1	32.0
UL61071A Briefs and panties, knitted or crocheted, not cotton, for men	1.3	12.5	18.6
UL611521 Tights of synthetic fibers, fineness of less than 67 decitex	1.2	-2.8	18.6
UL6206A0 Blouses and shirt-blouses, wool and other textile materials for women	1.1	9.1	34.8
UL6212A0 Garter belts, panty girdles and shapers	1.0	2.2	26.7
UL620820 Pajamas and nightgowns fabric for women	0.9	4.9	17.9
UL620890 Dressing gowns fabric for women	0.9	-0.5	16.3
UL620610 Blouses and silk blouses for women	0.7	-0.2	205.7
UL610721 Pajamas, knitted or crocheted, of cotton, for men	0.7	3.1	12.0
UL61159A Socks and socks, wool and other textile materials	0.5	3.7	15.6
UL611529 Panty hose and tights of other textile materials	0.5	-1.4	13.7

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UL611522 Panty hose and tights of synthetic fibers, of title more than 67 decitex	0.5	2.2	16.9
UL620710 Briefs and pants, fabric for men	0.5	-1.6	15.6
UL611510 Pantyhose and stockings with graduated compression	0.4	2.0	37.4
UL61072A Pajamas, knitted or crocheted, not cotton, for men	0.4	11.0	9.9
UL610790 Bathrobes, knitted or crocheted, for men	0.3	4.4	9.9
UL620790 Dressing gowns fabric for men	0.3	1.8	11.3
UL620720 Pajamas fabric for men	0.3	3.8	13.9
UL611530 Knee Socks for women, a fineness of less than 67 decitex	0.2	-3.7	17.4
UL610810 Slips and petticoats, knitted or crocheted	0.1	0.5	23.8
UL620810 Slips and petticoats, other than knitted or crocheted	0.1	1.6	38.9
Total	117.5	4.4	18.5

*continues the previous table*

UL620293 Windbreakers, of synthetic fiber, for women	7.9	8.5	26.0
UL61046A Pants, knitted or crocheted, not cotton, for women	7.3	9.4	18.4
UL611100 Knitted garments for babies	6.6	4.8	16.6
UL620443 Dresses, of synthetic fibers, for women	6.2	4.2	36.8
UL611400 Other garments, knitted	6.1	8.5	19.5
UL610462 Pants, knitted or crocheted, of cotton for women	5.9	4.7	14.7
UL62033A Non-woven woolen jackets for men	5.1	6.2	26.7
UL61101A And golf sweaters, woolen	4.0	3.3	59.4
UL610443 Dresses, knitted or crocheted, of synthetic fibers, for women	3.9	5.3	20.8
UL620213 Overcoats, raincoats, of synthetic fiber artificial, for women	3.9	8.9	27.2
UL610342 Pants, knitted or crocheted, of cotton, for men	3.6	12.9	15.1
UL630900 Worn clothing and other worn articles	3.6	1.8	0.8
UL61034A Pants, knitted or crocheted, not cotton, for men	3.5	8.4	16.8
UL611240 Swimwear for women	3.1	8.2	33.6
UL620433 Cloth Jackets for women, of synthetic fibers	3.1	2.2	24.0
UL620442 Dresses, of cotton, for women	2.9	6.8	33.0
UL620432 Cloth Jackets for women, of cotton	2.6	7.8	20.3
UL620444 Dresses, of artificial fibers, for women	2.6	18.2	39.2
UL420310 Leather Garment	2.5	-4.2	76.9
UL610442 Dresses, knitted or crocheted, of cotton, for women	2.5	5.2	20.2
UL6102A0 Jackets, knitted or crocheted, not cotton, for women	2.0	8.1	20.6

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## E2.13 Outerwear

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL620342 Type pants jeans for men	22.0	3.1	17.0
UL611030 Sweaters and golf, synthetic fiber	21.1	6.4	16.7
UL611020 Sweaters and golf, of cotton	20.0	4.6	18.4
UL620462 Type trousers jeans for women	18.1	3.2	18.0
UL6B0000 Wear non-woven fabric, felt, coated fabrics	9.1	2.1	14.8
UL620460 Fabric trousers for women, no wool	9.1	11.7	22.4
UL620193 Windbreakers, of synthetic fiber, for men	8.3	7.7	26.9
UL620340 Non-woven woolen trousers for men	8.0	8.6	20.6

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UL620900 Garments not knitted for babies	2.0	-0.8	21.3
UL620440 Dresses, of wool or other textile materials, for women	2.0	6.3	70.7
UL620113 Overcoats, raincoats, of synthetic fiber artificial, for men	1.9	15.7	27.5
UL430310 Furs and clothing accessories, of furskins	1.9	-1.2	209.7
UL620211 Overcoats, raincoats, of wool or of fine animal hair, for women	1.8	9.8	59.0
UL61043A Jackets, knitted or crocheted, not cotton, for women	1.7	-4.8	20.0
UL620192 Anoraks, jackets and similar articles, of cotton, for men	1.7	10.4	20.0
UL610450 Skirts and divided skirts, knitted or crocheted, for women	1.6	-5.6	18.7
UL620453 Skirts and divided skirts of synthetic fibers, for women	1.6	4.2	27.6
UL611012 Sweaters and golf, Kashmir	1.6	3.5	152.0
UL610432 Jackets, knitted or crocheted, of cotton for women	1.6	-1.1	16.5
UL620311 Ensembles, of wool or fine animal hair, for men	1.5	-3.2	83.4
UL611090 Sweaters and golf, of other textile materials	1.5	-2.5	30.8
UL610444 Dresses, knitted or crocheted, of artificial fibers, for women	1.5	1.0	24.4
UL620452 Skirts and divided skirts, of cotton for women	1.5	5.0	23.0
UL620331 Jackets, in wool fabric, for men	1.4	1.1	75.8
UL6101A0 Jackets, knitted or crocheted, not cotton, for men	1.4	9.2	21.0
UL6211A0 Tracksuits not knitted or crocheted	1.4	1.2	35.5
UL620292 Anoraks, jackets and similar articles, of cotton, for women	1.3	6.0	19.6
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<i>continues the previous table</i>			
UL620439 Cloth Jackets for women, of other textile materials	1.2	5.9	41.9
UL620212 Overcoats, raincoats, of cotton, for women	1.0	3.2	31.9
UL610220 Jackets, knitted or crocheted, of cotton for women	1.0	7.7	18.8
UL61033A Jackets, knitted or crocheted, not cotton, for men	1.0	-1.7	19.4
UL610120 Jackets, knitted or crocheted, of cotton, for men	0.9	6.3	19.4
UL610332 Jackets, knitted or crocheted, of cotton, for men	0.9	-2.4	16.6
UL62031A Men's or boys, not wool, for men	0.9	-2.1	24.6
UL620450 Skirts and divided skirts for women, wool or other textile materials	0.8	4.2	41.5
UL620341 Pants in wool fabric for men	0.8	3.0	53.4
UL6112A0 Track suits, knitted or crocheted	0.8	1.1	18.4
UL6203A0 Sets for Men	0.7	5.7	14.0
UL620111 Overcoats, raincoats, of wool or fine animal hair, for men	0.7	5.9	53.1
UL430211 Furskins of mink whole	0.6	8.8	211.8
UL620112 Overcoats, raincoats, of cotton, for men	0.6	9.0	28.0
UL6204A0 Fabric sets for women	0.6	1.5	20.3
UL621111 Fabric swimwear for men	0.5	12.7	29.3
UL610420 Sets, knitted	0.5	-9.1	12.7
UL61044A Dresses, knitted or crocheted, of wool or other textile materials, for women	0.5	-3.2	44.6
UL620431 Cloth Jackets for women, of wool	0.5	3.0	102.7
UL430219 Furskins (not mink) whole	0.5	-2.3	28.5
UL62019A Jackets, of wool or other textile materials, for men	0.4	0.4	46.7
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UL610322 Sets, knitted or crocheted, of cotton, for men	0.4	5.7	13.9
UL620461 Woven Pants for women, wool	0.3	7.2	88.6
UL62029A Anoraks, jackets and the like, of wool or other textile materials, for women	0.3	7.0	53.9
UL611230 Swimwear for men	0.3	1.8	27.9
UL430390 Articles of fur skin	0.3	-0.2	42.3
UL621112 Fabric swimwear for women	0.3	12.3	40.3
UL61032A Sets, knitted or crocheted, not cotton, for men	0.2	-11.0	12.5
UL610410 Women's or girls' suits "in knitted	0.2	10.6	26.6
UL620219 Overcoats, raincoats, of other textile materials, for women	0.2	1.6	47.1
UL620119 Overcoats, raincoats, of other textile materials, for men	0.2	4.1	36.6
UL620419 Women's or girls' suits', of other textile materials	0.2	-2.0	23.6
UL620413 Women's or girls' suits', of synthetic fibers	0.1	-2.6	20.5
UL610310 Men's or boys, knitted or crocheted, for men, excl. tracksuit	0.1	-3.6	23.7
UL620412 Women's or girls' suits', of cotton	0.1	-13.6	26.7
UL620411 Women's or girls' suits', of wool or of fine animal hair	0.1	22.9	89.4
UL4302A0 Furskins and gathered clippings	0.0	-26.3	40.7
Total	254.3	4.9	15.7

## E2.14 Clothing Accessories

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL650A00 Hats and other headgear	5.8	6.7	19.0
UL401519 Gloves, mittens and mitts, of vulcanised rubber other than hard	5.3	8.9	4.6

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UL611600 Gloves and mitts, knitted or crocheted	3.8	5.5	11.0
UL392620 Clothing accessories, of plastics	3.8	6.6	5.7
UL6214A0 Shawls, scarves, not silk	2.7	-1.2	20.4
UL621700 Parts and Accessories clothing	2.5	7.9	17.8
UL420330 Belts, leather belts	2.1	3.2	43.5
UL420329 Gloves and mitts, of leather and skins	1.4	-2.3	12.5
UL611700 Clothing accessories, knitted	1.3	5.9	14.0
UL611710 Shawls, scarves, knitted or crocheted	1.1	-2.6	15.1
UL621600 Gloves and mittens of textile materials, not knitted or crocheted	1.0	4.0	21.8
UL621410 Shawls, scarves, silk	0.6	1.5	154.6
UL621510 Silk ties	0.4	-6.0	96.4
UL961620 Other textiles and textile n.c.a.	0.3	12.5	16.3
UL6215A0 Non-silk ties	0.2	-1.6	21.3
UL401590 Clothing accessories of rubber	0.2	-1.1	15.2
UL621300 Handkerchiefs	0.2	0.0	19.8
UL420340 Other clothing accessories of leather	0.2	1.4	32.3
Total	32.9	4.6	10.3

## E2.15 Yarn of textile materials, for retail sale

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL551100 Yarn of synthetic or artificial staple fibers, put up for retail sale	0.3	-1.0	6.4
UL510900 Wool yarn in balls for sale to the consumer	0.3	-3.3	21.8
UL520700 Cotton yarn (other than sewing thread) put up for retail sale	0.2	-3.8	10.4

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UL540600 Yarn of man-made filaments, for retail sale	0.1	-1.7	7.0
Total	0.9	-2.4	9.4

## E2.21 Bags, suitcases and wallets

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL420220 Handbags	23.8	6.7	28.8
UL420290 Bags and Travel Bags	15.9	8.1	11.6
UL420210 Trunks, suitcases, briefcases, etc.	10.3	5.3	8.2
UL420230 Wallets and handbag or pocket items	7.7	7.0	26.0
UL960500 Travel sets for personal toilet	0.2	-3.5	8.9
Total	57.9	6.8	15.3

## E2.22 Footwear

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL640300 Town footwear with uppers of leather	41.9	1.5	29.7
UL640290 Town footwear with rubber	22.8	2.9	11.5
UL640400 Slippers	21.6	13.9	15.2
UL640411 Tennis shoes	14.9	23.1	28.7
UL640A00 Sports shoes	4.6	4.4	25.7
UL640610 Uppers and parts thereof	2.9	3.3	24.9
UL640699 Parts of footwear	2.8	9.0	12.7
UL640340 Footwear with uppers of leather, incorporating a protective metal	2.3	3.6	11.5
UL640590 Footwear with outer soles of rubber or wood	1.6	5.1	18.6
UL640220 Rubber sandals	1.5	-0.8	6.6
UL640520 Slippers and other indoor footwear with fabric	1.1	4.8	12.6
UL640190 Rubber Boots	1.1	0.0	6.4
UL640110 Waterproof footwear, incorporating a protective metal	0.2	2.6	6.8

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UL640320 Leather sandals natural	0.2	1.0	42.2
Total	119.5	6.0	18.0

## E2.31 Perfumes and cosmetics

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL330499 Protective creams and make-up preparations	36.8	15.3	15.2
UL330300 Perfumes and toilet waters	17.5	6.6	23.6
UL330590 Hair lotions	7.0	4.8	4.9
UL330420 Products for eye makeup	4.5	11.5	38.4
UL330410 Make-up of lips	4.3	21.3	41.8
UL330790 Depilatories	3.0	9.5	5.7
UL330491 Powders for the face	2.2	12.7	21.7
UL330430 Manicure or pedicure preparations	1.2	-3.6	12.7
UL330530 Hairsprays	0.5	0.4	4.2
UL330520 Preparations for waving or straightening, perms	0.2	0.5	5.4
Total	77.2	11.1	13.5

## E2.41 Lenses and spectacles

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL900410 Sunglasses	6.2	6.6	107.1
UL900130 Contact lenses	5.6	8.3	96.6
UL900150 Spectacle lenses of materials other than glass	4.8	6.8	80.3
UL900310 Spectacle frames	4.6	5.2	179.7
UL900490 Corrective and protective eyewear	2.8	6.3	25.1
UL900390 Parts of frames and mountings for spectacles	0.5	3.3	113.8
UL900140 Spectacle lenses of glass	0.2	-3.1	98.2
Total	24.7	6.5	77.6

## E2.46 Photo-Optical

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL900510 Binoculars	0.5	0.0	86.9
UL900640 Portable or cabinet type instant print cameras	0.4	29.3	60.3
UL900580 Monoculars	0.3	5.2	90.5
UL901050 Apparatus and equipment for photographic or cinematographic laboratories	0.3	4.9	58.9
UL900660 Photographic flash	0.3	-4.3	89.7
UL900659 Cameras for roll film of a width of > 35 mm	0.2	13.8	233.9
UL901060 Projection screens	0.2	0.9	16.3
UL900800 Slide Projectors and other image projectors	0.2	18.9	66.1
UL9006A0 Cameras for printing and archiving	0.1	-5.2	390.0
UL900720 Cinematographic projectors	0.1	-4.5	56.4
UL900700 Film Cameras	0.1	0.9	165.4
UL900653 Cameras for roll film of a width of 35 mm	0.0	-5.1	42.1
UL901010 Apparatus and equipment for automatically developing photographic film	0.0	-10.1	50.7
UL900651 SLR cameras	0.0	-18.5	205.9
UL900652 Cameras for roll film of a width < 35 mm	0.0	-6.3	132.8
Total	2.9	4.1	61.4

## E2.51 Sporting goods and musical instruments

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL950691 Equipment for gymnastics and well-being	8.2	8.1	4.5
UL950699 Tools for cricket, polo and other games	5.4	5.4	5.4

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UL630620 Tents and military tents	1.8	5.6	5.6
UL420100 Saddlery and harness for any animal, of any material	1.4	7.6	13.3
UL950639 Golf equipment	1.4	2.9	40.5
UL950629 Water-skis and surfboards	1.3	8.4	12.4
UL950631 Golf clubs, complete	1.2	-4.0	75.9
UL950662 Sports balls, inflatable	1.1	0.8	8.5
UL950790 Line fishing	1.0	5.9	15.5
UL920710 Electronic keyboard instruments	1.0	7.2	16.3
UL920790 Electric Guitars	0.8	4.9	35.2
UL950611 Snow Ski Winter Sports	0.8	4.1	32.6
UL851989 Musical electrophonic Instruments	0.8	-2.1	42.0
UL950710 Fishing Rods	0.7	5.5	30.1
UL950730 Fishing reels	0.7	6.1	39.6
UL640B00 Ski Boots	0.7	2.7	20.8
UL920290 Guitars, harps and other string musical instruments	0.7	3.0	31.0
UL6306B0 Mattresses and other items for camping	0.6	12.1	5.8
UL950670 Ice skates and roller skates	0.6	-1.4	9.3
UL950632 Golf balls	0.5	2.4	7.9
UL940430 Sleeping bags	0.5	6.2	9.9
UL920590 Accordions and other wind musical instruments	0.5	5.6	46.6
UL420321 Special gloves for various sports	0.4	3.3	40.7
UL630720 Belts and life jackets	0.4	7.4	17.5
UL950669 Cricket and polo balls	0.4	0.0	8.5
UL920600 Percussion musical instruments	0.4	3.8	16.4
UL950612 Ski bindings	0.4	2.0	21.9
UL920110 Upright Pianos	0.3	4.6	6.9
UL950659 Badminton or similar rackets, whether or not strung	0.3	2.2	13.4
UL920120 Grand Pianos	0.3	3.0	28.0
UL950619 Ski equipment for winter sports	0.3	4.9	19.2

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UL950720 Fishing hooks, whether or not snelled	0.3	6.3	25.3
UL950640 Articles and equipment for table tennis	0.3	2.8	4.3
UL920510 Musical instruments called "brass"	0.2	4.9	99.5
UL880400 Parachutes	0.2	7.2	166.1
UL950661 Tennis balls	0.2	3.6	6.3
UL950651 Tennis rackets, whether or not strung	0.2	0.2	48.9
UL630630 Sails for boats and sailboards	0.1	9.0	67.5
UL920210 Violins and other string musical instruments	0.1	4.8	62.9
UL950621 Sailboards	0.1	8.2	36.5
UL920810 Music Boxes	0.1	-2.4	12.7
UL920190 Harpsichords and other keyboard stringed instruments	0.0	32.1	12.2
UL920890 Whistles, call horns and other instruments of	0.0	-2.9	17.4
Total	36.7	5.0	8.2

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UL960700 Slide fasteners and parts thereof	2.6	5.6	12.4
UL650610 Safety headgear, whether or not lined	2.4	5.7	21.5
UL961700 Vacuum flasks and other vacuum vessels fitted	2.3	16.3	8.1
UL960321 Toothbrushes, incl. toothbrushes for dentures	2.1	8.6	13.0
UL960600 Buttons	1.6	3.4	17.3
UL961610 Scent sprays and mounts and	1.0	5.5	10.2
UL961510 Combs	1.0	2.7	8.1
UL660110 Garden umbrellas and similar	0.9	6.7	3.6
UL960329 Shaving brushes, hair brushes	0.9	10.7	10.5
UL9613A0 Pocket lighters, gas	0.9	3.0	7.0
UL950440 Playing cards	0.8	11.8	8.6
UL960330 Brushes and brushes for artists	0.8	11.1	26.3
UL660199 Umbrellas, rain and sun	0.8	-1.7	4.8
UL960200 Vegetable or mineral carving	0.8	2.7	18.6
UL660191 Umbrellas with a telescopic shaft	0.7	1.4	7.1
UL821420 Set of manicure and pedicure	0.4	0.8	11.0
UL961380 Lighters	0.4	6.2	13.3
UL961400 Pipe and cigar or cigarette	0.3	17.6	9.1
UL961590 Hairpins "hairpins" stop-curly	0.3	-2.3	10.9
UL731900 Knitting needles, crochet hooks and needles	0.2	3.7	10.9
UL660200 Sticks, seatsticks, whips, riding-crops and the like	0.2	3.2	11.8
UL650691 Bathing Caps	0.1	1.2	10.3
UL960190 Bone, tortoiseshell, horn and articles thereof	0.1	5.4	20.0
UL660320 Mounted frames for umbrellas, rain and sun	0.1	6.6	3.3
UL960400 Sieves and riddles hand	0.0	5.6	12.1
UL420600 Articles of animal gut	0.0	-16.3	42.6
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## E2.53 Bicycles, strollers and invalid carriages

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL871200 Bicycles	7.6	3.2	11.4
UL871500 Prams and strollers	2.0	3.7	7.1
UL871310 Invalid carriages, not mechanically propelled	0.8	7.3	9.4
UL871390 Motor Carriages for disabled	0.5	7.7	13.3
Total	10.9	3.8	10.2

## E2.55 Personal items

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL950300 Toys	40.3	9.2	8.4
UL821200 Razors and razor blades	3.9	1.0	11.8
UL6704A0 Wigs and fake beards	2.8	-1.6	35.9
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UL960110 Worked ivory and articles of ivory, n.n.a.	0.0	-8.3	22.2
Total	68.5	7.1	9.3

## E2.56 Small appliances for the person

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL851010 Shavers	1.7	8.4	44.9
UL851631 Electric hair dryers	1.3	12.7	14.9
UL851632 Curling irons and hair straighteners	1.3	3.9	19.2
UL851020 Electric hair clippers	1.3	11.8	22.6
UL851030 Electric epilators	0.6	14.9	38.0
Total	6.3	9.4	23.4

## E2.61 Books and other products of creative activities

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL970B00 Works of art and collectibles	25.7	8.3	136.1
UL490A00 Books and newspapers	17.9	1.2	5.5
UL490B00 Cards, calendars and other prints	11.8	0.8	5.2
UL490700 Stamps in progress	2.7	-10.5	71.1
UL370A00 Photos	1.3	12.8	178.0
UL970400 Collectible stamps	0.1	0.7	212.3
UL370600 Newsreels	0.0	-24.2	39.9
Total	59.5	3.3	10.4

## E2.71 Jewellery, watches and jewellery

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL711319 Hardware and jewellery, precious metals	81.9	8.6	18 977
UL710239 Diamonds (non-industrial) worked (but not mounted or set)	73.0	1.3	108 693
UL9101B0 Wrist-watches, with automatic winding	16.9	4.8	2 105
UL9101A0 Wristwatches electrical	13.1	0.0	247
UL711311 Hardware and jewellery, silver	6.5	0.3	1 002
UL710391 Rubies, sapphires and emeralds, worked	4.6	5.5	28 689
UL711719 Imitation jewellery, of base metal, including silver, gold or platinum	4.2	-0.2	60
UL9101C0 Wrist, hand-wound	3.6	5.4	575
UL710399 Precious and semi-precious stones	1.9	-2.4	115
UL711590 Articles of precious metal n.n.a.	1.7	-10.8	444
UL711790 Imitation jewellery	1.7	-1.6	42
UL710490 Ungraded synthetic or reconstructed stones, worked	0.9	6.6	527
UL911320 Watch straps and watch bracelets of base metal	0.8	3.7	117
UL911390 Leather straps for watches	0.7	8.4	133
UL711620 Articles of precious stones "gems"	0.7	-6.9	145
UL710122 Cultured pearls, worked, also assorted	0.7	-15.3	215
UL7105A0 Dust and powder of diamonds and precious stones	0.4	5.2	398
UL9101D0 Pocket Watches	0.3	-3.0	138
UL711810 Coins	0.3	-1.2	287
UL711419 Articles of goldsmiths of precious metals	0.2	-3.6	3 062
UL711320 Hardware Articles of jewellery, of base metal	0.2	-1.8	206

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UL711610 Articles of natural or cultured pearls, n.n.a.	0.2	7.8	184
UL911310 Watch straps and watch bracelets of precious metals	0.2	-9.7	540
UL711411 Silver jewellery items	0.1	-0.9	455
UL711711 Cuff links and studs of base metal, including silver, gold or platinum	0.1	-2.1	72
UL711420 Items of jewellery of base metal	0.0	-4.6	67
Total	215.0	3.8	896

## E2.81 Work-wear

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL621143 Occupational clothing, of artificial synthetic fibers, for women	3.8	11.0	20.4
UL621133 Occupational clothing, of artificial synthetic fibers, for men	2.1	3.6	18.2
UL621142 Occupational clothing, of cotton, for women	1.1	6.2	18.7
UL621132 Occupational clothing, of cotton, for men	1.0	3.0	18.3
Total	8.1	7.1	19.3

## E3 Finished goods for the Home

### E3.11 Carpets, tapestries and wallpaper

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL570A00 Carpets, tufted	8.0	4.1	3.3
UL570200 Woven carpets	3.6	4.1	3.7
UL481400 Wallpapers	1.3	-4.9	4.4
UL570100 Rugs, knotted	1.2	0.2	12.7
UL401691 Rubber mats	0.9	6.8	2.1
UL590500 Wallcoverings of textile materials	0.1	4.1	21.3
UL580500 Hand-woven tapestries "Gobelins-type"	0.0	32.5	16.6
Total	15.2	3.0	3.6

### E3.22 Furniture, mattresses and furniture for the home

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL940360 Wood Furniture for dining rooms and living rooms	22.6	4.4	2.4
UL940161 Sofas and Armchairs	15.9	7.8	4.3
UL940350 Wooden furniture for bedrooms	9.7	5.5	2.1
UL940340 Furniture for kitchen	6.0	8.8	3.0
UL940180 Other seats	3.4	8.0	5.3
UL940169 Wooden chairs	2.7	5.4	3.7
UL940380 Furniture made of bamboo, rattan, wicker, and similar materials	2.5	0.6	3.4

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UL940421 Mattresses made of latex	2.3	11.9	5.0
UL940370 Furniture of plastics	2.3	6.6	2.9
UL940429 Mattresses with springs	2.1	8.6	4.1
UL460A00 Works with fiber plaiting	2.0	5.0	4.4
UL940140 Sofa beds	1.5	3.4	2.8
UL441400 Wooden frames for paintings, photographs, mirrors or similar objects	0.8	3.7	2.7
UL940410 Mattress supports	0.7	4.4	2.8
UL442110 Clothes hangers of wood	0.3	3.6	3.4
UL940150 Bamboo chairs, rattan, wicker, and similar materials	0.2	4.2	5.3
Total	75.0	6.0	3.0

### E3.24 Chandeliers and lighting fixtures

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL940540 Projector lights	17.8	3.7	11.6
UL940510 Chandeliers	14.5	5.4	10.8
UL940520 Electric table, desk, bedside or floor-standing lamps	3.2	2.4	8.1
UL851310 Portable electric lamps worked by dry batteries	2.7	1.7	20.1
UL940530 Lights for Christmas trees	1.3	2.0	6.7
UL940550 Apparatus for the enlightenment, non-electric	0.8	-2.5	4.5
Total	40.3	3.8	10.7

### E3.25 Home appliances

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL841510 Fixed air conditioners, split and monoblock	14.8	9.9	5.2

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UL841810 Combined refrigerators	12.2	5.7	3.5
UL851660 Cookers, hobs and electric ovens	10.5	7.9	6.0
UL850811 Vacuum cleaners, power <= 1500 W	8.0	15.3	10.7
UL845011 Automatic washing machines, capacity <= 6 kg	7.1	1.9	3.1
UL851671 Espresso coffee machines	5.2	5.5	15.5
UL851679 Fryers and other electro-thermic appliances	5.0	6.8	8.6
UL850980 Electric Files and other electromechanical devices, household	4.8	12.2	13.7
UL850940 Mixer, fruit or vegetable juice extractors	4.7	0.9	7.7
UL732111 Cooking appliances, gas	4.6	4.9	3.8
UL841582 Portable air conditioners	4.3	6.4	10.0
UL841820 Non combined refrigerators	4.2	3.6	3.8
UL840310 Boilers for central heating	4.1	2.9	9.5
UL841451 Table fans	4.1	9.5	4.9
UL851650 Microwave ovens	3.7	3.7	4.7
UL842211 Dishwashers	3.7	4.9	5.1
UL851629 Convector and fan heaters	2.9	5.7	7.9
UL851610 Electric Water Heaters	2.4	6.5	6.1
UL841581 Air conditioners with reversible heat pumps	2.3	2.2	8.8
UL841583 Air conditioners without refrigerating	2.2	3.3	10.0
UL845121 Tumble dryers	2.2	12.2	5.5
UL841460 Hoods	1.8	5.9	7.2
UL851640 Electric irons	1.7	1.8	10.0
UL732219 Radiators for central heating, of iron or steel	1.6	1.8	2.6
UL841919 Storage water heaters, gas fuel	1.6	3.3	4.4
UL850819 Vacuum cleaners, power > 1500 W	1.4	-4.3	8.1
UL841830 Horizontal freezers	1.4	2.8	2.9

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UL732290 Non-electric convector	1.3	6.2	8.3
UL841840 Vertical freezers	1.3	2.9	4.3
UL732189 Stoves, heaters, solid fuel	1.3	1.7	3.9
UL841911 Instantaneous water heaters, gas fuel	1.2	9.7	9.5
UL73211A Cooking appliances, in liquid and solid fuel	0.9	5.7	2.9
UL851672 Electric toasters, for domestic use	0.8	3.6	7.6
UL732181 Stoves, heaters, gas fuel	0.6	8.3	4.7
UL845012 Household washer dryers	0.4	2.7	3.6
UL630110 Electric blankets	0.2	7.1	8.0
UL850860 Vacuum cleaners without built-in electric motor	0.2	4.6	12.6
UL845019 Automatic washing machines, capacity > 6 kg and <= 10 kg	0.2	1.2	2.9
UL732182 Stoves, heaters, liquid fuel	0.1	-2.5	6.6
UL851633 Hand dryers	0.1	2.4	17.1
UL851621 Storage heating radiators, electric	0.1	2.1	6.6
UL732211 Radiators for central heating, cast iron	0.1	-11.9	2.3
Total	131.3	6.1	5.5

### E3.26 Consumer electronics

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL852872 Colour televisions	41.1	-0.8	22.9
UL852580 Camcorders, digital cameras and cameras	31.3	3.4	180.2
UL950410 Video-game consoles	18.3	14.5	73.9
UL851820 Speakers and speakers	14.2	7.5	14.8
UL851830 Ears	11.8	14.1	76.6
UL852871 Video tuners and decoders	8.9	-1.3	41.1

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UL852859 Flat panel displays for televisions	8.8	-0.8	58.3
UL852100 VCRs	4.2	-8.1	45.4
UL851840 Low-frequency electric amplifiers	3.0	5.3	38.5
UL852790 Radio and cassette players, powered by electricity	2.9	-0.8	17.9
UL851810 Microphones and stands	2.6	10.3	78.1
UL852869 Projectors	2.4	-8.6	95.9
UL851981 CD players and recorders	1.7	0.4	43.8
UL852710 Radio and cassette players, battery	1.0	-4.8	15.2
UL851850 Sound amplification equipment, electrical	0.7	2.0	26.1
UL851930 Turntables	0.2	19.8	20.2
UL852849 Cathode ray tube monitors for televisions	0.2	-3.4	43.2
UL852873 Televisions in black and white	0.1	13.0	25.3
UL851920 Jukeboxes	0.0	-12.2	29.5
Total	153.4	2.9	36.2

### E3.32 Glasses and tableware

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL392410 Pottery and other items for the kitchen or tableware	9.7	6.8	3.6
UL691110 Objects for tableware or kitchenware of porcelain	4.8	6.2	2.8
UL701340 Crystal glass and glass tableware and kitchen	2.3	2.1	2.0
UL691200 Household items, hygiene or toilet articles, of ceramics other than porcelain	2.1	5.5	2.9
UL701337 Beakers	1.8	3.2	1.6
UL701399 Glassware for toilet, office, for furnishing fabrics or for similar purposes	1.7	3.0	3.1

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UL701328 Glass Goblets	0.9	1.3	3.4
UL701310 Glassware of ceramic tableware	0.2	-11.0	2.5
UL691190 Household items, hygiene or toilet articles, of porcelain	0.2	-3.9	3.9
UL701391 Items of lead crystal for the toilet	0.1	-5.5	12.0
UL7013A0 Crystal stemware and tumblers	0.1	-11.0	5.6
Total	23.9	4.7	2.9

### E3.33 Cutlery

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL8215B0 Sets of spoons and forks (no silverware)	2.1	3.7	6.6
UL441900 Articles of wood for the table or kitchen	1.2	15.0	3.1
UL821192 Not table knives having fixed blades of base metal	1.0	5.8	15.2
UL821300 Scissors and blades therefor, of base metal	0.6	5.5	8.6
UL821193 Knives	0.5	5.4	12.9
UL821110 Sets of knives	0.4	2.7	7.6
UL821191 Table knives having fixed blades, of base metal	0.3	1.7	8.1
UL82119A Knife handles and blades	0.2	5.4	9.4
UL8215A0 Spoons and forks, of silverware	0.1	3.7	14.0
Total	6.3	6.1	6.3

### E3.34 Pots and pans

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL732390 Pots and pans made of cast iron and steel	9.9	6.1	4.8
UL7615B0 Pots and pans made of copper and aluminum	4.3	5.6	5.2
Total	14.2	6.0	4.9

## E3.35 Home textiles

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL940490 Pillows and duvets	9.1	6.6	5.3
UL6302A0 Bedding	8.3	1.5	6.6
UL6302C0 Toilet linen and kitchen linen	6.2	2.8	6.1
UL630300 Curtains, awnings and internal	4.0	5.0	6.9
UL630140 Blankets of synthetic fibers	2.8	2.5	4.1
UL630610 Tarpaulins, awnings and blinds	1.0	3.6	5.1
UL6302B0 Table linen	1.0	-1.0	6.4
UL630410 Coverlet	0.8	0.2	4.8
UL630491 Furnishing articles, knitted or crocheted	0.8	3.9	7.5
UL630493 Furnishing, of synthetic fibers	0.8	3.4	7.2
UL630492 Furnishing articles, of cotton	0.6	0.0	8.7
UL6301A0 Blankets, woolen and other textile materials	0.4	-2.9	7.4
UL630130 Cotton blankets	0.3	2.4	7.0
UL630499 Furnishing articles of textile materials	0.3	1.2	13.4
UL630800 Sets consisting of woven fabric and yarn	0.1	-0.2	12.1
Total	36.2	3.3	5.9

## E3.41 General items for the home

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL732690 Ladders, stools, gutters, boxes and other metal products	40.2	6.5	3.7
UL392490 Household articles, sanitary articles and toilet articles, of plastics	6.8	6.4	3.6
UL950500 Decorations for parties	6.3	8.8	6.6
UL670200 Flowers, foliage and fruit and parts thereof	2.8	9.3	9.2
UL960390 Brushes and feather dusters	2.7	7.2	4.6
UL340600 Candles, tapers and the like	2.7	4.3	2.5

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UL630710 Cloths and tea towels	1.9	6.3	4.9
UL442000 Wood marquetry, caskets and wooden figurines	1.7	8.6	5.2
UL691300 Statuettes and other ornamental ceramic articles	1.6	0.6	3.5
UL830629 Statuettes and other ornaments	1.5	2.8	6.4
UL732490 Items of sanitary ware and parts thereof, of iron or steel	1.4	4.4	7.2
UL845210 Sewing machines of the household type	1.1	5.5	9.5
UL910500 Alarm clocks and wall clocks	1.0	-1.9	10.2
UL842310 Scales and household scales	0.7	4.1	5.2
UL741820 Items of sanitary ware and parts thereof, of copper	0.6	1.1	14.3
UL821000 Hand-operated mechanical appliances	0.4	-0.5	7.3
UL030110 Live ornamental fish	0.3	3.1	18.0
UL830630 Frames for Photos	0.2	-3.9	4.9
UL732310 Iron or steel; sponges	0.2	1.4	3.3
UL761520 Hygiene items and other household articles and parts thereof, of aluminum	0.2	-5.3	7.4
UL960310 Brooms and brushes, consisting of twigs or other vegetable materials bound together	0.1	4.9	2.4
UL830610 Bells, gongs and the like (non-electric) of metal	0.1	5.0	8.9
UL910300 Clocks with watch movements	0.1	15.0	43.4
UL830621 Statuettes and other ornaments (including silverware)	0.1	-4.5	21.6
Total	75.0	6.1	4.2

## E4 Pharmaceuticals and Medical Products

### E4.11 Drugs, medicaments

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL300490 Prepared for therapeutic purposes, in measured doses	245.8	4.2	60.1
UL300210 Antisera	107.6	15.5	573.4
UL30043A Medicaments containing hormones in the form of doses	31.3	7.6	202.4
UL382200 Diagnostic or laboratory reagents	24.4	7.9	63.2
UL300220 Vaccines for human medicine	20.4	0.2	508.1
UL300420 Medicaments containing antibiotics, in the form of doses	12.9	3.3	60.6
UL300390 Medicaments, formats have been mixed	10.8	22.7	55.4
UL300431 Medicaments containing insulin doses in the form	8.2	-4.2	216.1
UL300440 Medicaments containing alkaloids or derivatives thereof, in the form of doses	4.4	13.4	103.1
UL300610 Sterile surgical catgut	3.6	7.2	233.5
UL300590 Wadding, gauze, bandages	3.5	3.4	10.6
UL300450 Medicaments containing provitamins, in the form of doses	3.4	-0.6	22.4
UL300510 Adhesive dressings	3.2	7.3	20.6
UL300410 Medicaments containing penicillins, in the form of doses	3.0	1.2	31.0

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UL300630 Opacifying preparations for X-ray examinations	2.7	6.9	73.4
UL300230 Vaccines for veterinary medicine	2.6	-0.6	89.3
UL300660 Chemical contraceptive preparations	2.3	-1.4	131.0
UL300320 Medicaments, containing antibiotics	0.6	3.8	36.9
UL300339 Medicaments, containing hormones	0.5	5.5	50.6
UL300620 Reagents for determining blood groups or blood factors	0.4	3.6	112.7
UL300670 Preparations in the form of gel	0.3	14.0	9.2
UL300650 Cases and bags for first aid	0.3	8.2	8.9
UL300310 Medicaments, containing penicillins	0.3	4.4	82.9
UL300340 Medicaments, containing alkaloids and their derivatives	0.1	53.3	63.3
UL300331 Medicaments containing insulin	0.0	-16.2	37.6
Total	492.5	6.5	78.3

### E4.21 Syringes, prostheses and other products for healthcare

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL901839 Catheters, canulae and the like, used in medical	23.4	7.2	63.8
UL902139 Eye prostheses and other implants	9.8	6.0	504.1
UL902131 Artificial joints	8.9	10.9	676.8
UL902110 Orthopaedic or fracture	8.9	10.2	102.0
UL841990 Parts of medical and surgical sterilizers	5.8	3.7	15.8
UL901831 Syringes, with needles, used in medical	4.6	4.0	19.3
UL902129 Dentures	2.5	10.0	561.5
UL901832 Tubes and needles for sutures	2.5	10.0	33.5
UL300640 Cements and other dental fillings	2.0	6.6	160.5
UL300691 Appliances identifiable for ostomy	1.6	11.9	23.7

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UL401511 Gloves of vulcanised rubber (excl. hard rubber), for surgery	1.3	3.9	5.7
UL902121 Artificial teeth	0.6	6.9	102.4
UL401410 Condoms of vulcanized rubber (excl. hard)	0.5	4.5	14.5
UL401490 Hygienic or pharmaceutical articles	0.5	5.8	13.1
Total	72.9	7.4	46.7

## E4.22 Medical and dental instruments and equipment

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL901890 Instruments and appliances used in medical	47.8	7.1	61.9
UL901920 Ozone therapy appliances	6.5	9.2	40.1
UL901910 Mechanotherapy appliances	4.6	12.1	12.6
UL901849 Instruments and appliances used in dental sciences, nes	4.3	7.6	126.3
UL901850 Instruments and apparatus for ophthalmology	3.7	4.7	175.1
UL940290 Operating tables	3.1	4.4	11.2
UL902000 Breathing appliances and gas masks	1.5	7.9	48.4
UL841920 Medical, surgical or laboratory sterilizers	1.0	5.1	38.0
UL940210 Dentists' arm-chairs	0.4	4.5	7.9
UL901841 Dental drills	0.4	4.3	68.0
Total	73.3	7.3	42.0

## E4.23 Electro-medical equipment

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL902190 Medical equipment to compensate for a defect or disability	11.6	6.3	553

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UL901819 Electrodiagnostic apparatus	9.0	5.0	187
UL902290 Parts and accessories for X-ray machines	6.6	3.1	135
UL902214 X-ray apparatus for medical, surgical or veterinary uses	4.9	5.5	97
UL901812 Ultrasonic scanning apparatus	4.3	5.2	216
UL902140 Hearing aids	3.9	11.0	1 358
UL901813 Apparatus Diagnostic & Imaging, Magnetic Resonance	3.8	3.5	96
UL902212 Apparatus for computed tomography	3.0	9.0	100
UL902150 Pacemakers	3.0	-9.0	2 526
UL902219 Other X-ray equipment	2.5	9.3	85
UL902230 X-ray tubes	1.6	6.5	261
UL901811 Electrocardiography	1.0	15.6	113
UL902213 X-ray apparatus for dental use	0.7	4.4	109
UL901820 Ultra-violet or infra-red ray apparatus, used in medical	0.3	10.7	122
UL902221 Radiotherapy equipment for medical	0.3	3.8	68
UL902229 Radiotherapy equipment is not used for medical purposes	0.3	2.6	92
UL901814 Scintigraphic apparatus	0.2	6.9	114
Total	57.0	4.8	175

## E4.51 Microscopes

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL901210 Electron Microscopes	2.0	19.9	254.6
UL901100 Microscopes non-electronic	1.5	8.2	141.6
Total	3.6	14.1	189.7

## F1 ICT and Service Equipment

### F1.32 Furniture and objects for office, school and shop

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL940170 Seats, primarily with metal frames	10.6	5.6	3.7
UL630790 Articles of textile materials, packaged, incl. dress patterns, n.n.a.	10.4	7.4	6.8
UL950490 Special tables for casino games and automatic bowling alley equipment	4.1	0.5	9.1
UL940130 Swivel seats with variable height adjustment	3.8	7.1	3.8
UL950430 Games with screen, pinball and other coin-games	3.6	7.7	23.2
UL940330 Wooden furniture of a kind used in offices	3.5	4.3	2.6
UL902300 Instruments, apparatus and models designed for demo purposes	2.8	5.1	39.4
UL940310 Metal office furniture	2.4	6.0	3.4
UL392610 Office or school supplies of plastics	2.0	0.9	3.5
UL961210 Ribbons for typewriters or similar ribbons	1.3	0.6	18.9
UL831000 Signposts	0.7	5.0	16.6
UL961000 Slates and boards, whether or not framed	0.5	5.7	3.2

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UL961800 Dummies and other	0.5	-4.0	11.4
UL901720 Drawing, marking-out or mathematical calculating instruments	0.4	0.8	9.9
UL830400 Filing cabinets, card	0.3	12.6	4.4
UL961100 Date, sealing or numbering	0.3	3.6	16.9
UL950420 Billiard tables and accessories	0.2	11.0	6.3
UL961220 Ink-pads, also with box	0.1	-1.1	16.9
UL901710 Tables and drafting machines, whether or not automatic	0.0	-2.3	20.4
Total	47.5	5.1	5.2

### F1.33 Machinery and equipment for office and shop

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL940320 Metal furniture n.c.a.	14.2	7.5	2.8
UL841869 Other refrigeration equipment	8.0	8.9	13.3
UL841850 Chests, cabinets, display cabinets and showcases	5.1	5.5	6.5
UL841981 Professional Equipment for cooking	4.7	9.4	25.7
UL847290 Machines and appliances for office, n.n.a.	3.8	-2.6	13.9
UL847050 Cash registers, calculating unit with	2.7	11.1	58.9
UL841861 Heat pumps	1.8	4.3	14.0
UL844339 Photocopiers	1.4	-1.0	13.0
UL8470A0 Calculators	0.8	-1.6	23.6
UL847090 Franking machines	0.4	5.2	59.8
UL847621 Vending machine with device heating or refrigerating	0.4	-0.8	13.4
UL847689 Vending Machine products, without heating or refrigerating devices	0.3	10.1	20.3

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	0.2	-2.9	39.7
UL847230 Machines for sorting or folding in envelopes or binder mail			
UL847681 Vending Machine products, Incorporating heating or refrigerating devices	0.1	3.5	9.5
UL847210 Duplicators matrix "mimeograph"	0.1	39.8	18.2
UL847629 Vending machine, without heating or refrigerating devices	0.0	14.1	14.7
UL844312 Offset printers for office	0.0	0.0	8.0
Total	44.0	6.0	6.0

### F1.41 Computer and peripheral equipment

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL8471C0 Laptops, notebooks, tablets	117.8	0.1	171.6
UL8471A0 Desktop computers, servers, main frame	90.6	10.8	108.5
UL847170 Central storage units, hard drives and other storage devices	63.6	3.8	152.1
UL8471B0 CPU and other computer units	25.3	7.6	137.0
UL844331 Multifunction Printers	17.4	2.2	13.1
UL852851 Flat panel monitor for PCs	15.9	13.8	26.2
UL844332 Printers, fax machines	11.8	0.6	22.0
UL847160 Keyboards and mouse	11.6	2.9	53.1
UL852352 Smart Cards	4.2	-1.6	83.9
UL852861 Projectors for PCs	2.1	38.1	102.6
UL852841 Cathode ray tube monitors for PCs	0.1	-7.1	47.5
Total	360.6	4.4	73.7

### F1.42 Communication equipment

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL851712 Mobile and satellite phones	247.0	5.8	452.6
UL851762 Routing and switching apparatus	133.8	11.7	176.9
UL854370 Electronic Dictionaries and amplifiers antennas	33.2	11.4	52.9
UL851769 Other network equipment	6.6	8.2	132.2
UL851761 Base stations for transmitting and receiving voice	4.9	-9.5	85.8
UL851718 Landlines	3.3	0.4	73.7
UL852560 Transceivers	2.6	-3.5	177.8
UL852550 Transmitters	1.9	-3.5	137.6
UL851711 Cordless telephones	1.2	-9.2	54.9
UL851950 Answering Machines	0.0	-17.5	41.8
Total	434.6	7.4	203.9

### F1.43 Burglar and fire alarm

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL853110 Alarms and fire prevention	4.1	4.2	52.9
Total	4.1	4.2	52.9

## F2 Industrial Tools and Equipment

### F2.11 Lifting and handling

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL842890 Other appliances and lifting tools	11.1	7.9	9.0
UL860900 Container	6.9	7.0	1.4
UL842810 Lifts and skip hoists	5.4	5.8	4.3
UL842839 Other elevators and goods for	5.2	6.2	10.6
UL842640 Mobile cranes	3.4	-3.4	4.6
UL842833 Pneumatic elevators, belt or belt	3.1	8.0	9.5
UL842619 Bridge cranes	2.4	4.4	4.9
UL842691 Cranes for truck crane	1.8	8.7	8.7
UL842542 Jacks and hoists, hydraulic	1.6	6.2	3.2
UL842620 Tower cranes	1.4	3.8	2.6
UL842549 Jacks (non-hydraulic)	1.2	10.8	4.2
UL842820 Pneumatic elevators and conveyors	1.0	5.2	13.7
UL842531 Winches and capstans electric motor	1.0	-7.2	7.2
UL842511 Hoists electric motor	0.8	1.4	8.3
UL842840 Escalators and moving walkways	0.7	3.2	3.9
UL842539 Winches and capstans (non-electric)	0.7	-6.4	7.9
UL842611 Overhead traveling cranes on fixed support	0.7	0.0	4.3
UL842612 Mobile lifting frames ("knight")	0.6	24.1	8.0

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UL842699 Other cranes	0.6	3.1	8.1
UL842519 Hoists (non-electric)	0.5	-0.2	5.9
UL842630 Gantry fixed cranes	0.4	-13.5	6.8
UL842860 Cableways	0.4	10.9	10.7
UL842541 Jacking systems of a type used in garages	0.3	4.1	3.8
UL842832 Pneumatic elevators, bucket-	0.2	-4.4	5.5
Total	51.5	4.8	4.2

### F2.12 Tanks, reservoirs and containers of metal

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL730900 Tanks, of a capacity > 300 liters	3.2	-1.1	3.4
UL731100 Containers for compressed or liquefied gas, of metal	2.9	2.9	2.8
UL731029 Tanks with a capacity of less than 50 liters	2.1	3.2	3.1
UL731010 Drums and capacities between 50 and 300 liters	1.3	3.6	2.7
UL761300 Aluminium containers for compressed or liquefied gas	0.4	10.1	12.6
UL761100 Reservoirs, of aluminum, of a capacity > 300 liters	0.2	6.3	10.0
Total	10.1	2.0	3.2

### F2.16 Pumps and filters

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL842139 Other apparatus for filtering or purifying "air"	19.7	7.8	19.0
UL841459 Axial fans	10.2	8.3	12.6
UL842129 Apparatus for filtering or purifying liquids	7.7	3.2	24.9

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UL842121 Apparatus for filtering or purifying water	7.2	5.4	14.3
UL841319 Pumps with a measuring device	1.0	3.6	25.7
UL841440 Air compressors mounted on a wheeled chassis for towing	0.8	-0.9	7.0
UL841320 Other hand pumps	0.8	10.5	8.4
UL842219 Dishwasher industrial type	0.8	6.0	22.0
UL841311 Pumps for dispensing fuel or lubricants	0.7	2.2	13.2
UL841340 Concrete pumps	0.4	0.8	8.8
UL841420 Air pumps, hand or foot	0.3	0.5	6.0
UL842122 Apparatus for filtering or purifying beverages	0.3	2.9	38.1
Total	50.0	6.3	16.0

## F2.17 Signalling equipment

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL853120 Indicator panels with LCD	5.3	0.8	83.7
UL853180 Electric sound or visual signaling	2.4	6.5	67.6
UL853080 Electrical signaling, safety or traffic control equipment for	0.7	2.5	48.4
UL853010 Electrical signaling equipment for railways or tramways	0.5	5.4	125.3
Total	8.9	2.6	75.8

## F2.18 Boilers and furnaces

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL851410 Resistance furnaces "indirect heating", industrial or laboratory	1.6	6.6	18.2
UL841780 Incinerators and ovens for ceramics	1.1	3.5	6.1
UL841620 Gas burners and solid fuel	0.9	0.0	23.9

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UL851430 Industrial or laboratory electric furnaces and ovens	0.8	8.0	15.6
UL841710 Furnaces for heat treatment of metals and minerals	0.8	1.8	8.4
UL851440 Apparatus for the heat treatment of materials by induction	0.5	6.0	39.9
UL851420 Furnaces and ovens functioning by induction or dielectric loss	0.4	3.6	19.0
UL841610 Burners for liquid fuel	0.2	1.8	21.3
UL841630 Stokers	0.1	-6.7	7.9
Total	6.5	4.0	12.8

## F2.19 Electromechanical tools

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL846729 Grinders, sanders, planers	8.5	10.5	15.6
UL846721 Drills of all kinds	4.2	5.9	14.6
UL851530 Welding machines for arc welding	2.5	5.5	15.5
UL851580 Electrical machines and apparatus for welding with laser	2.3	7.2	39.6
UL846722 Saws, electrical	2.2	11.3	12.0
UL846789 Other tools with non-electric motor	2.0	2.9	16.0
UL846710 Pneumatic Tools Hand	1.7	1.7	23.9
UL851520 Welding machines for resistance welding	1.7	3.0	24.7
UL846781 Non-electric chain saws	1.1	0.9	15.9
UL851510 Irons and guns and tools for soldering, brazing	0.7	7.9	27.4
UL8468B0 Welding gas	0.5	1.9	17.6
Total	27.3	6.7	16.9

## F2.23 Tools and molds

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL848070 Molds for plastic	12.9	5.9	20.7
UL820730 Tools for pressing, stamping or punching	6.2	7.6	15.2
UL820900 Tips and other components of the cermet tools	5.8	0.2	169.4
UL820750 Tips drilling tools	3.7	4.4	21.5
UL820559 Construction tools, hand	3.1	4.4	9.1
UL82080A Knives and cutting blades, for machines	2.9	5.6	21.5
UL820790 Interchangeable tools for hand tools	2.7	4.0	20.3
UL820710 Drilling or survey	2.7	-2.9	18.6
UL820770 Tools for milling	2.4	9.6	129.0
UL848040 Molds for metal	1.8	3.1	14.6
UL820230 Circular saw blades	1.3	5.2	12.7
UL820320 Pliers, including cutting pliers, pincers, tweezers and similar tools, of base metal	1.3	5.1	11.0
UL820411 Hand-operated spanners and wrenches open end	1.2	3.9	7.6
UL820600 Sets of tools for sale to the consumer	1.1	6.1	6.9
UL820551 Tools for domestic use (non-mechanical)	1.0	5.8	6.8
UL820290 Straight saw blades	1.0	6.7	17.1
UL820420 Interchangeable spanner sockets, with or without handles, of base metal	0.9	10.5	7.9
UL848060 Moulds for mineral materials	0.9	4.7	3.8
UL960340 Brushes for painting	0.9	3.8	5.1
UL820740 Tools for tapping or threading	0.9	1.5	55.9
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UL960350 Brushes constituting parts of machines, appliances or vehicles	0.8	7.3	12.4
UL820720 Dies for drawing or extruding metal	0.8	8.5	28.0
UL820540 Screwdrivers, hand-	0.7	9.7	8.3
UL820570 Vises, clamps and the like	0.6	5.8	6.5
UL820220 Bandsaw blades	0.6	4.7	14.6
UL820240 Chain saws	0.5	1.8	15.5
UL820412 Spanners hand variable aperture	0.5	6.4	8.4
UL820780 Tools for turning	0.5	0.9	81.8
UL848050 Moulds for glass	0.4	5.3	18.1
UL820760 Tools for boring or broaching	0.4	3.6	75.2
UL820520 Hammers and sledge hammers with working parts of base metal	0.4	3.5	3.4
UL820190 Agricultural tools	0.4	7.0	5.2
UL820590 Sets of two or more apparatus	0.3	2.7	10.8
UL820210 Hand Saws	0.3	3.3	6.0
UL820110 Spades and shovels	0.3	3.5	2.2
UL820310 Files, rasps and similar tools, of base metal	0.3	2.2	9.6
UL848030 Models for forms	0.2	3.7	12.0
UL820130 Mattocks, picks, hoes	0.2	1.1	2.7
UL821490 Hair clippers, knives, butchers'	0.2	0.4	8.7
UL820150 Pruning shears	0.2	5.7	10.0
UL820340 Cutters, bolt cutters, perforating punches and similar tools, of base metal	0.2	4.7	11.5
UL848020 Bottom plates for forms	0.2	6.2	5.8
UL820160 Hedge shears	0.2	4.8	5.4
UL820330 Metal-cutting shears and similar tools, of base metal	0.2	2.8	10.8
UL820140 Axes, bill hooks and similar hewing tools	0.2	1.2	3.7

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UL820510	Drilling, threading or tapping, hand-	0.2	5.1	15.2
UL820530	Planes, chisels	0.1	6.0	6.4
UL848010	Brackets for foundry	0.1	3.5	11.8
UL820560	Blowtorches and similar	0.1	6.3	17.6
Total		64.8	4.6	13.9

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UL902620	Pressure gauges for liquids and gases	8.2	7.5	90
UL902750	Other equipment using optical radiation	7.1	8.9	219
UL902710	Gas or smoke analysers	5.1	12.0	181
UL852610	Radars	5.1	19.3	283
UL902610	Flow and level of liquids and gases	4.9	4.2	71
UL902920	Speed indicators and tachometers; stroboscopes	4.8	11.1	93
UL903082	Measuring instruments of semiconductor devices	4.4	9.1	215
UL903030	Multimeters for voltage measurement	4.0	8.0	111
UL903141	Optical equipment used in the manufacture of semiconductors	3.8	19.9	294
UL901580	Instruments and appliances used in geodesy	3.7	-3.5	173
UL903040	Measuring Equipment for Telecommunications	3.5	-0.8	646
UL902730	Spectrometers	3.5	5.9	317
UL901420	Instruments and appliances for aeronautical or space navigation	3.4	13.0	2 670
UL902830	Electricity meters	3.1	15.2	41
UL852692	Radio remote control apparatus	3.0	9.7	127
UL902680	Heat meters and other parameters for liquids and gas	2.9	4.6	100
UL902519	Thermometers and pyrometers (not combined with other instruments)	2.8	9.0	70
UL902720	Chromatographs and electrophoresis instruments	2.6	8.3	276
UL90308A	Other instruments for measuring electrical quantities	2.4	3.6	225

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### F2.24 Fire extinguishers, spray guns and machines for liquids and powders

Products	World Trade			
	Bn € 2018	Cagr 15-18	€/Kg 2018	
UL842489	Other appliances for spraying liquids or powders	4.7	7.8	15.1
UL842430	Machines and apparatus, sand blasting, steam jet	2.8	4.6	9.6
UL842420	Spray guns and similar appliances	1.7	5.3	15.2
UL842410	Fire extinguishers, charged	1.2	5.4	6.7
Total		10.5	6.2	11.6

### F2.51 Measuring instruments

Products	World Trade			
	Bn € 2018	Cagr 15-18	€/Kg 2018	
UL903180	Other instruments, appliances and machines for measuring or checking	20.4	6.9	92
UL902780	Instruments and apparatus for physical and chemical analysis	11.4	7.4	143
UL852691	Navigational aid apparatus	9.5	1.5	207
UL903149	Other optical instruments and apparatus for measuring or checking	8.3	15.6	155

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UL903120 Test benches for motors, generators, pumps, etc.	1.6	8.3	48
UL901480 Instruments and apparatus for marine navigation	1.5	5.9	180
UL902480 Machines and appliances for testing of materials other than metals	1.1	3.5	64
UL903010 Instruments and apparatus for measuring or detecting ionizing radiations	1.1	5.9	392
UL902580 Floating measuring instruments	1.1	5.7	98
UL902820 Meters for liquids	1.1	-0.1	21
UL902910 Rev counters and similar counters	1.0	-9.3	91
UL901510 Rangefinders	0.9	15.1	176
UL901780 Instruments for measuring length, for use in the hand, nes	0.9	3.9	12
UL903020 Oscilloscopes and cathode	0.7	5.0	333
UL902810 Gas counters	0.7	5.5	25
UL901730 Micrometers, calipers and gauges	0.6	5.8	67
UL842381 Scales available for <= 30 kg	0.6	4.5	28
UL8423A0 Scales	0.6	7.0	27
UL901520 Theodolites and tachometers	0.6	9.0	438
UL902410 Machines and appliances for testing metals	0.6	1.6	84
UL842382 Scales available for > 30 kg but <= 5,000 kg	0.5	6.7	9
UL901530 Spirit Levels	0.5	10.6	35
UL901600 Balances of a sensitivity of 5 cg or less	0.4	7.7	96
UL910700 Time switches	0.4	-0.6	35
UL842389 Scales available for > 5,000 kg	0.2	1.6	12
UL901410 Compasses	0.2	-11.8	156
UL910690 Apparatus for measurement and control, with clock or watch movement	0.2	0.7	32
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<i>continues the previous table</i>			
UL902511 Thermometers, liquid, for direct reading (not combined with other instruments)	0.1	3.4	35
UL910610 Registers, time-recorders registers	0.1	0.8	45
UL901540 Instruments and apparatus for photogrammetry	0.1	-1.2	348
Total	145.0	7.3	102

## F3 Cars, transport and agriculture equipment

### F3.11 Cars, buses and caravans

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL870323 Cars with a cylinder capacity > 1500 cm <sup>3</sup> but ≤ 3000 cm <sup>3</sup>	247.9	4.2	11.5
UL870332 Diesel cars of a cylinder capacity > 1500 cm <sup>3</sup> but ≤ 2500 cm <sup>3</sup>	107.0	0.9	11.6
UL870322 Cars with a cylinder capacity > 1000 cm <sup>3</sup> but ≤ 1500 cm <sup>3</sup>	99.9	14.4	9.2
UL870324 Cars with a cylinder capacity > 3000 cm <sup>3</sup>	82.6	-3.6	18.2
UL870390 Vehicles with electric motor	41.0	77.5	14.0
UL870321 Cars with a cylinder capacity ≤ 1000 cm <sup>3</sup>	34.4	24.2	8.8
UL870333 Diesel cars of a cylinder capacity > 2500 cm <sup>3</sup>	28.9	1.1	14.3
UL870331 Diesel cars of a cylinder capacity ≤ 1500 cm <sup>3</sup>	18.0	2.9	8.6
UL870210 Buses and coaches with diesel engine	12.8	5.0	8.2
UL871610 Trailers and semi-trailers for housing or camping, of the caravan type	2.0	7.1	8.5

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UL870290 Buses and coaches with non-diesel	1.6	-7.6	6.4
Total	676.1	5.6	11.4

### F3.12 Motor vehicles for the transport of goods

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL870421 Motor vehicles for the transport of goods (<= 5 t)	51.9	8.6	8.1
UL870120 Road tractors for semi-trailers	29.6	6.6	4.9
UL870431 Trucks with internal combustion engine, of a gross vehicle weight ≤ 5 t	27.9	5.6	7.0
UL870422 Motor vehicles for the transport of goods (5-20 tons)	17.7	3.4	5.3
UL870423 Motor vehicles for the transport of goods (> 20 t)	14.3	5.3	5.9
UL871639 Trailers and semi-trailers for the transport of goods	7.9	6.3	3.1
UL871680 Other means of transport n.c.a.	2.5	6.1	3.7
UL871640 Other trailers and semi-trailers	1.3	7.5	3.5
UL871631 Trailers and semi-trailers, with tank	1.0	-2.7	4.3
UL870490 Truck with equipment other than the diesel and petrol engines	0.7	15.6	5.0
UL870432 Trucks with internal combustion engine, of a gross vehicle weight > 5 t	0.6	-3.7	2.8
Total	155.5	6.4	5.9

### F3.14 Special vehicles

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL870590 Special purpose motor vehicles	5.3	5.5	9.9

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UL870510 Truck cranes	3.0	0.5	5.2
UL870310 Purpose vehicles traveling on snow, golf courses, etc.	1.7	3.7	12.5
UL870530 Fire fighting vehicles	0.9	-5.3	18.3
UL870540 Concrete-mixer lorries	0.8	0.2	3.8
UL870520 Derricks for Mobile drilling	0.1	-7.7	4.5
Total	11.8	2.4	7.7

### F3.21 Agricultural machinery

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL870190 Tractors	16.7	1.6	7.5
UL843310 Mowers	4.0	5.8	7.2
UL843351 Combine harvester-threshers	3.6	4.5	8.2
UL842481 Watering appliances, for agriculture or horticulture	2.7	2.1	5.2
UL843680 Eradicators, troughs	2.6	9.0	7.5
UL843359 Other machinery for harvesting and threshing	1.4	4.3	10.5
UL843230 Central driven precision seeders	1.2	-1.3	7.9
UL843229 Scarifiers, cultivators, weeders, zappeccavallo, grubbers and rotary tillers	1.2	4.7	3.9
UL843629 Machines and equipment for poultry farming	1.1	5.6	3.9
UL843320 Not drawn mowers and lawn mowers	1.1	3.4	6.1
UL843340 Straw or fodder balers	1.0	3.3	7.0
UL843280 Other machinery for working the soil	1.0	7.5	6.3
UL843610 Machinery for preparing animal feeding stuffs	0.9	5.6	6.6
UL843360 Machines for cleaning, sorting or grading eggs, fruit or other agricultural produce	0.8	12.8	22.0

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UL871620 Self-loading or self-unloading trailers for agricultural purposes	0.6	3.4	4.1
UL843330 Haymaking machinery	0.5	1.0	6.6
UL843240 Spreaders mineral or chemical fertilizers	0.4	5.0	6.8
UL843353 Machines for harvesting potatoes	0.4	2.5	9.2
UL843210 Ploughs	0.4	0.4	4.9
UL843410 Milking machines	0.3	3.0	19.4
UL843221 Disc harrows "sprayers" for agriculture	0.3	3.8	4.1
UL843621 Incubators and brooders	0.3	3.0	7.8
UL870110 Tillers	0.2	1.0	3.3
UL843352 Machines and apparatus for threshing	0.1	-7.9	6.0
Total	42.9	3.3	6.9

### F3.22 Earth-moving machinery

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL842952 Mechanical shovels whose superstructure can perform a rotation of 360 °	20.1	8.2	3.9
UL842951 Shovel loaders, front-loading, self-propelled	9.4	5.2	5.2
UL870410 Tipper trucks, "dumper-type"	6.5	6.6	7.2
UL842911 Bulldozers, angledozers, crawlers	3.1	3.3	6.2
UL842959 180 degree excavators and backhoe loaders	3.1	-0.6	4.8
UL847420 Machines for crushing mineral substances	2.9	-2.5	6.3
UL847910 Machinery and equipment for the construction industry	2.6	8.0	10.0
UL843041 Self-propelled machinery drilling and boring	2.5	0.8	9.8
UL847410 Machines for separating mineral substances	1.9	2.7	6.9

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UL842940 Self-propelled tamping machines and road rollers	1.8	3.1	4.6
UL842920 Self-propelled graders	1.7	0.1	6.4
UL843049 Machines not self-propelled drilling and boring	1.6	-12.8	9.1
UL847430 Machines for mixing mineral substances	1.0	-1.9	7.1
UL847431 Concrete and apparatus for preparing the cement	0.9	-2.7	4.2
UL870130 Caterpillars	0.8	-1.4	8.3
UL843069 Other earth moving machinery, not self-propelled	0.8	-10.9	5.5
UL843031 Machines for drilling tunnels and galleries, self-propelled	0.8	1.9	11.0
UL843050 Other construction equipment, self-propelled	0.7	3.0	6.5
UL843010 Pile-drivers and pile extractors machines	0.5	4.8	7.4
UL843020 Snowplows	0.5	-0.9	6.8
UL843039 Machines for drilling tunnels and galleries, not self-propelled	0.5	1.3	9.8
UL843061 Soil and asphalt compactors	0.3	4.1	7.7
UL842919 Bulldozers, angledozers, on wheels	0.3	-3.7	3.4
UL842831 Elevators and for underground	0.1	20.0	7.2
UL842930 Self-propelled scrapers	0.1	-9.7	5.1
Total	64.5	3.5	5.3

### F3.23 Ships and yachts

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL890190 Dry cargo ships	18.5	4.3	1.4
UL890120 Tankers	16.1	2.3	2.1
UL890520 Offshore vessels and infrastructure	10.0	6.0	10.9
UL890392 Yachts	8.8	14.2	30.8
UL890590 Lightvessels	3.8	-22.9	8.7
UL890110 Steamers	3.2	4.9	7.5
UL890690 Boats, incl. lifeboats	2.3	4.1	21.0

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UL890399 Rowing boats	1.7	4.3	18.4
UL890391 Sailboats and sailing yachts	1.7	15.1	23.6
UL890400 Tugs and pushers	1.6	-11.7	8.7
UL890510 Dredgers	1.2	5.1	8.2
UL890200 Fishing vessels, factory ships and other vessels	0.7	-6.8	7.3
UL890790 Floating structures	0.6	-4.7	9.1
UL890310 Inflatable vessels for pleasure or sports	0.4	9.4	12.4
UL890710 Inflatable Rafts	0.3	11.0	23.7
UL890130 Refrigerated vessels (excl. tankers)	0.3	-3.6	1.3
Total	71.2	1.5	2.9

### F3.24 Aircraft

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL880240 Aeroplanes and other aircraft of an unladen weight exceeding 15000 kg	70.4	1.5	802
UL880230 Airplanes and other aircraft	6.5	-1.7	637
UL880212 Helicopters of an unladen weight > 2000 kg	2.6	-11.5	1 503
UL880260 Spacecraft (including satellites) and spacecraft launch vehicles	2.3	-3.1	572
UL880529 Equipment to the ground flying trainers and parts thereof, nes	1.5	6.9	254
UL880211 Helicopters of an unladen weight ≤ 2000 kg	1.0	-6.4	398
UL880220 Aeroplanes and other aircraft, of an unladen weight not exceeding 2000 kg	0.5	4.0	232
UL880521 Air combat simulators and parts thereof	0.2	-1.6	202
UL880510 Apparatus for the launch of aircraft	0.1	-2.4	135
UL880100 Balloons and dirigibles; gliders, hang gliders and other non-powered aircraft	0.1	17.1	52

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Total	85.1	0.5	725
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### F3.25 Trains and rolling stock

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL860310 Railcars and trucks, to the electrical outlet outside	3.4	0.1	36.6
UL860690 Wagons for the transport of goods by rail	1.2	-6.3	1.7
UL860400 Vehicles for the maintenance of railways or service	1.0	4.0	22.1
UL860210 Diesel-electric locomotives	0.9	-10.5	6.5
UL860500 Tramway passenger coaches and special cars for railways	0.9	-3.9	13.4
UL860110 Rail locomotives powered from an external source of electricity	0.7	-2.5	30.2
UL860610 Tank wagons and the like on rails	0.5	-1.9	2.3
UL860390 Railcars and trucks	0.3	22.8	15.0
UL860630 Self-unloading rail wagons	0.2	-14.5	1.5
UL860290 Rail locomotives	0.2	2.3	10.1
UL860120 Rail locomotives powered by electric accumulators	0.1	37.8	7.3
Total	9.3	-2.5	6.0

### F3.30 Motorcycles

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL871120 Motorcycle engine > 50 cm <sup>3</sup> but ≤ 250 cm <sup>3</sup>	8.2	7.7	6.6
UL871150 Motorcycles with reciprocating piston engine, of a cylinder 800 cm <sup>3</sup>	5.5	6.0	32.9
UL871190 Motorcycles n.c.a.; sidecars	4.9	47.4	25.2
UL871130 Motorcycles with a cylinder capacity > 250 cm <sup>3</sup> but ≤ 500 cm <sup>3</sup>	1.8	16.8	19.7

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UL871140 Motorcycles with a cylinder capacity > 500 cm <sup>3</sup> but ≤ 800 cm <sup>3</sup>	1.5	-1.4	22.7
UL871110 Mopeds	0.7	-4.1	7.8
Total	22.7	11.0	12.3

### F3.31 Forklifts and handling equipment

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL842720 Non-electric forklifts	8.5	7.2	3.9
UL842710 Electric forklifts	7.3	11.0	5.7
UL842790 Not self-propelled forklifts	1.1	7.0	3.3
UL870919 Non-electric trolleys	0.5	3.5	5.1
UL870911 Non-electric trucks trucks	0.3	6.8	9.1
Total	17.7	8.6	4.5



## F4 Machinery

### F4.23 Paper-making machinery

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL843900 Machines for the manufacture of paper	1.7	-3.2	12.5
UL8441B0 Other machinery for making paper	1.7	8.9	12.9
UL8441A0 Machines to manufacture packaging	1.6	12.8	14.5
UL844110 Cutting machines for the processing of paper pulp, paper and cardboard	1.2	8.7	11.1
Total	6.1	5.5	12.8

### F4.31 Machines for metal processing

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL846221 Folding, straightening, flattening, CNC	1.9	4.7	11.5
UL846210 Machines, incl. presses, forging or die-stamping machines and hammers	1.5	-1.1	7.6
UL846299 Presses (non-hydraulic) for metalworking	1.2	5.1	7.8
UL846229 Folding, straightening, flattening, non CNC	1.0	0.6	6.6
UL846291 Hydraulic presses for metalworking	1.0	2.6	6.8
UL846241 Punching and notching machines, CNC, for metalworking	0.8	2.6	14.6

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UL846390 Machine tools for working cermets	0.8	3.1	20.6
UL846330 Machines for Metal Processing in Wireless	0.5	2.9	17.4
UL846239 Shears, incl. presses (non CNC), for metalworking	0.4	2.2	5.0
UL846310 Drawing machines for bars, tubes, profiles, wire or the like, of metal	0.4	9.4	11.5
UL846249 Punching and notching machines (non CNC), for metalworking	0.3	1.6	7.9
UL846231 Shears, including presses, CNC, for metalworking	0.2	3.8	5.3
UL846320 Thread rolling machines for working metal, sintered metal carbides or cermets	0.1	6.9	9.4
Total	10.3	2.8	8.8

### F4.32 Metalworking machine tools

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL848620 Machines for the manufacture of electronic integrated circuits	35.3	16.1	58.5
UL845710 Machining centers for metalworking	9.6	2.4	13.6
UL845610 Machine tools operated by laser	4.9	11.4	30.9
UL847950 Industrial Robots	4.9	13.2	34.3
UL845811 Horizontal lathes, CNC	4.8	5.1	16.4
UL846021 Grinding machines with an accuracy of at least 0,01 mm, CNC	1.6	1.7	29.4
UL8456A0 Machine tools operated by ultrasonic or electrodischarge processes	1.6	3.6	19.1
UL845891 Vertical lathes, CNC	1.1	3.4	12.1
UL846150 Sawing machines	1.0	1.2	8.1
UL845961 Milling machines, other than knee-type, CNC	0.9	3.3	15.3

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UL846140 Machines for grinding or gear finishing	0.9	5.1	15.8
UL845730 Multi-station transfer machines for metalworking	0.7	7.2	19.7
UL846090 Machine tools for deburring	0.6	-3.1	18.1
UL845931 Boring-milling machines, CNC	0.5	-2.0	13.8
UL846040 Honing or lapping machines	0.4	5.1	28.3
UL846031 Sharpening machines, CNC	0.4	15.9	38.2
UL845929 Drilling machines, non CNC	0.3	-1.7	5.8
UL846011 Grinding machines, CNC	0.3	10.7	16.0
UL845819 Horizontal lathes, non CNC	0.3	-0.6	5.4
UL845921 Drilling machines, CNC	0.3	-5.2	9.9
UL846029 Grinding machines with an accuracy of at least 0,01 mm, non CNC	0.3	5.6	10.9
UL845969 Milling machines, other than knee-type, non CNC	0.3	3.3	7.0
UL845899 Vertical lathes, non CNC	0.2	0.1	5.3
UL846019 Grinding machines, non CNC	0.2	1.7	8.1
UL846190 Planing machines	0.2	-0.8	12.2
UL846039 Sharpening machines, non CNC	0.2	2.5	10.1
UL845970 Threading or tapping machines	0.1	-4.0	14.7
UL846130 Broaching machines	0.1	1.5	21.7
UL845940 Boring machines	0.1	-8.9	8.0
UL845720 Unit construction machines (single station) for metalworking	0.1	-3.8	20.7
UL846120 Shaping machines	0.1	13.9	13.2
UL845959 Non-CNC knee-type milling machines for metalworking	0.1	1.1	4.9
UL845910 Machine tools with guide rail	0.0	-3.9	9.3

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UL845939 Boring-milling machines, non CNC	0.0	-8.6	6.1
UL845951 CNC knee-type milling machines for metalworking	0.0	-6.2	10.6
Total	72.2	9.7	25.1

### F4.33 Machine tools for hard materials

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL8464A0 Grinding or polishing machines for glass and stones	1.9	2.9	12.5
UL846591 Sawing machines for wood and plastics	1.8	6.8	6.4
UL846599 Other machine tools for wood and plastics	1.6	13.7	9.7
UL846510 Machines for wood and plastics to multiple operations	0.9	0.3	15.6
UL847930 Presses for the manufacture of wood panels	0.7	-1.9	10.4
UL846592 Machinery for milling or planing wood and plastics	0.7	8.4	8.2
UL846410 Sawing machines for glass and stones	0.5	4.0	8.8
UL846595 Drilling and mortising machines for wood and plastics	0.5	5.4	11.0
UL846596 Splitting and chopping machines for wood and plastics	0.5	7.9	5.8
UL846594 Bending or assembling machines for wood and plastics	0.4	6.4	12.3
UL846593 Grinding machines for wood and plastics	0.4	8.5	9.6
Total	9.8	5.5	9.3

### F4.34 Extrusion machinery

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL847710 Injection-molding machines for rubber and plastics	6.1	7.1	8.1
UL847780 Other machines for rubber and plastics	5.5	5.9	18.8
UL847720 Extruders for rubber or plastics	2.7	6.1	16.5
UL847730 Blow-molding machines for rubber and plastics	1.5	6.2	19.6
UL847759 Presses for rubber and plastics	1.1	3.8	12.4
UL847740 Vacuum forming and other thermoforming machines	0.9	10.9	15.0
UL847751 Machinery for molding or retreading tires	0.3	-2.7	12.8
Total	18.2	6.3	12.4

### F4.35 Textile machinery

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL845020 Washing machines, capacity > 10 kg	2.8	4.2	4.6
UL844630 Shuttleless looms, fabrics of a width > 30 cm	1.9	5.7	8.0
UL845229 Sewing machines, industrial but not automatic	1.8	7.2	15.0
UL844319 Machinery for textile printing	1.7	2.5	22.7
UL845129 Machinery and apparatus for drying yarns	1.5	4.9	5.8
UL845221 Automatic sewing machines, industrial	1.2	10.0	17.4
UL844520 Spinning machines	1.2	3.6	6.4
UL845180 Machines and apparatus for dressing	1.1	6.8	11.0
UL844510 Carding, combing and roving machines	1.1	3.4	5.5
UL844720 Frames for knitting machines; stitch-bonding machines	1.0	1.3	10.9

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UL844540 Winding and reeling machines	1.0	0.5	18.2
UL844400 Machines for extruded synthetic or artificial textile materials	1.0	6.0	13.9
UL844790 Machines for making gimped yarn, tulle, lace, embroidery	0.8	2.6	10.6
UL845140 Machinery for dye yarn	0.8	9.5	13.4
UL844900 Machines for the manufacture of felt	0.7	5.8	16.3
UL845150 Machines for reeling, folding, cutting the tissues	0.6	8.0	17.3
UL844712 Knitting machines, circular, with cylinder diameter > 165 mm	0.5	9.0	11.3
UL845320 Machinery for making or repairing footwear	0.4	7.7	11.0
UL845130 Ironing machines and presses	0.4	5.6	11.1
UL844590 Other machines for preparing textile yarns	0.3	0.4	10.5
UL844711 Knitting machines, circular, with cylinder diameter ≤ 165 mm	0.3	0.8	21.6
UL844811 Doobies and Jacquards	0.3	1.9	17.0
UL845310 Machinery for working hides or skins	0.3	5.0	8.6
UL8446A0 Other weaving looms	0.2	2.7	6.4
UL844819 Auxiliary machinery for textile machines	0.2	3.7	20.7
UL844530 Textile doubling or twisting machines	0.2	4.4	8.9
UL845380 Machines for the manufacture or repair of manufactured products of leather or leather	0.1	6.2	16.1
UL845110 Machines for dry cleaning of textile materials	0.1	0.7	9.9
UL842112 Centrifugal Dryers	0.0	0.1	5.7
Total	23.6	4.8	9.1

### F4.36 Food machinery

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL841989 Devices and means of recirculated cooling water	7.6	4.4	19.2
UL847982 Machinery and apparatus for mixing and kneading	4.4	6.8	17.5
UL843880 Other food machinery	2.4	6.4	22.4
UL843810 Machines and equipment for bakery	2.3	3.5	19.8
UL843850 Machinery for the industrial processing of meat	1.9	2.8	27.5
UL8438A0 Machines for the manufacture of sugar and confectionery products	1.3	5.2	19.5
UL847810 Machinery for preparing or making up tobacco	1.1	3.2	33.2
UL843780 Machines for mills and for the working of cereals or dried leguminous vegetables	0.8	-0.1	6.8
UL843840 Machines and apparatus for the manufacture of beer	0.7	2.7	16.3
UL843860 Machinery for the industrial preparation of fruits and vegetables	0.7	13.1	22.4
UL843710 Machines for cleaning, sorting, screening cereals	0.7	8.3	8.1
UL847920 Machinery for the extraction or preparation of oils	0.6	-1.0	13.2
UL843420 Machines for the dairy industry	0.5	1.9	25.8
UL841931 Dryers for agricultural products	0.3	1.1	6.3
UL841720 Ovens, non-electric bakery	0.3	-0.6	7.3
UL843510 Machines for wine, cider and fruit juices	0.3	3.6	13.6
UL842111 Skimmers	0.0	7.6	31.4
Total	25.9	4.5	17.3

### F4.37 Other special purpose machinery

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL847989 Machinery and equipment, n.n.a.	39.4	8.3	23.2
UL848630 Machines for the fabrication of flat panel displays	9.1	32.6	44.4
UL848640 Other machines for the manufacture of electronic material	7.7	19.1	47.0
UL847480 Machinery for agglomerating, shaping or molding	2.1	1.9	8.5
UL848610 Machines and apparatus for the manufacture of boules or wafers	2.1	15.5	47.8
UL841939 Dryers	1.8	5.0	14.8
UL950890 Roundabouts	1.4	12.4	11.7
UL847520 Glass processing machines	1.1	17.6	30.6
UL903110 Machines for balancing mechanical parts	0.5	1.3	33.0
UL847940 Machines for making ropes and cables	0.5	3.9	13.3
UL847960 Evaporative air coolers	0.4	17.4	10.5
UL841932 Dryers for wood, paper pulp, paper or paperboard	0.3	5.6	6.3
UL847510 Machines for assembling lamps that involve a glass envelope	0.1	5.3	37.9
UL840120 Machinery and apparatus for isotopic separation, and parts thereof [Euratom]	0.0	-46.1	30.4
UL950810 Circuses and traveling menageries	0.0	-2.7	13.7
Total	66.6	11.3	23.9

### F4.38 Packaging machines

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL842240 Machinery for packing or wrapping	7.8	4.4	31.2
UL842230 Machinery for filling, closing, sealing or labeling	7.8	5.2	34.6

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UL842220 Machinery for cleaning or drying bottles or other containers	0.6	8.0	34.3
Total	16.2	4.9	32.9

### F4.39 Printing machines

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL84430A Machines for offset printing	2.6	-0.5	13.3
UL844316 Printing machines, flexographic	1.1	7.3	21.8
UL844010 Bending machines	0.6	-1.0	15.8
UL844230 Machinery, apparatus and equipment, for the characters	0.4	-2.1	31.0
UL84430B Different from offset printing machines, offset and flexographic	0.4	5.4	12.0
Total	5.0	1.1	15.4

## F5 Industrial Plants

### F5.12 Apparatus for automatic control

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL903289 Instruments and apparatus, regulating or controlling	21.5	5.4	73.1
UL903210 Thermostats	3.6	5.3	36.3
UL903281 Instruments and apparatus for regulating or controlling, hydraulic or pneumatic	1.6	8.4	53.5
UL903220 Pressure regulators	0.9	0.8	50.7
Total	27.6	5.4	62.5

### F5.21 Valves and pressure reducing valves

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL848120 Valves for hydraulic or pneumatic transmissions	10.2	9.4	34.5
UL848140 Relief valves or safety	3.8	1.3	36.3
UL848110 Pressure reducers	2.8	0.3	26.9
UL848130 Check valves for pipes, boiler shells	2.7	2.8	20.2
Total	19.5	5.2	30.6

### F5.23 Boilers, turbines and motors

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL840890 Compression-ignition internal combustion piston "diesel or semi-diesel engine"	12.5	5.2	12.1
UL841221 Hydraulic Motors Linear acting "cylinders"	5.3	8.8	13.7
UL841229 Hydraulic Motors	4.1	6.7	17.5
UL841182 Gas turbines of a power > 5000 kW	3.4	-8.5	129.7
UL840810 Engines, diesel engines for the propulsion of ships	2.4	-5.5	17.3
UL841231 Air Motors Linear acting "cylinders"	1.9	6.9	28.8
UL841181 Gas turbines of a power ≤ 5000 kW	1.8	8.5	309.1
UL841239 Air Motors	0.8	8.2	33.0
UL841280 Engines and motors	0.8	6.5	41.1
UL840681 Steam turbines of a power > 40 MW	0.7	-0.1	18.7
UL840410 Auxiliary plant for use with boilers of heading 8402 or 8403	0.6	-2.9	7.0
UL840219 Steam boilers, incl. hybrid boilers	0.6	-2.2	6.0
UL840682 Steam turbines of a power ≤ 40 MW	0.5	2.1	25.4
UL840211 Water-tube boilers with output of steam > 45 t	0.5	-2.3	5.5
UL840212 Water-tube boilers with output of steam ≤ 45 t	0.3	-1.7	4.7
UL840420 Condensers for steam	0.2	-2.0	7.8
UL840220 Boilers "superheated water"	0.1	-4.2	5.7
UL841013 Turbines and water wheels of a power > 10000 kW	0.1	-2.7	22.6
UL841012 Turbines and water wheels, of a power > 1000 kW but ≤ 10000 kW	0.1	5.3	16.9

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UL841011 Turbines and water wheels, of a power <= 1000 kw	0.1	5.1	21.9
UL840610 Steam turbines for marine propulsion	0.0	-37.7	30.5
UL840110 Nuclear reactors	0.0	-34.1	12.1
Total	36.6	2.7	15.3

## F5.25 Pumps and compressors

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL841370 Centrifugal pumps other than those of subheadings 8413.19 and liquid elevators 8413.11	12.2	3.1	10.6
UL841350 Reciprocating positive displacement pumps	7.0	6.0	25.4
UL841360 Rotary positive displacement pumps other than those of subheadings 8413.19 and liquid elevators 8413.11	5.9	5.0	20.3
UL841410 Vacuum Pumps	4.2	8.6	24.9
UL841381 Pumps for liquids other than those of subheadings 8413.19 and liquid elevators 8413.11	4.1	-1.2	15.8
UL841382 Liquid elevators	0.2	-2.2	13.0
Total	33.5	4.0	15.6

## F5.26 Heat exchangers

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL841950 Heat exchangers	8.9	2.5	13.4
UL841960 Machinery for liquefying air and gas	1.3	10.9	26.2
Total	10.3	3.4	14.3

## F5.31 Iron and steel plants

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL847981 Machinery for treating metal	2.1	8.0	28.9
UL845430 Casting machines "throw" for the metallurgy or in metal foundries	1.0	-3.2	12.2
UL845521 Hot rolling mills and rolling mills combination hot and cold metal	0.5	-11.4	8.4
UL845522 Cold rolling mills for metal	0.3	-0.8	7.3
UL845420 Ingot molds and ladles	0.2	2.1	5.0
UL845510 Rolling mills for metal tubes	0.2	-9.0	10.4
UL845410 Converters for metallurgy or in metal foundries	0.1	-2.2	42.4
Total	4.3	0.3	13.8

## F5.32 Chemical plants and for mineral processing

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL842119 Centrifuges n.c.a.	1.7	-1.1	31.6
UL854330 Machines and apparatus for electroplating, electrolysis or electrophoresis	0.9	6.5	44.5
UL841940 Distilling or rectifying plant	0.8	-10.3	19.5
UL842010 Calendaring or other rolling machines, excluding those for metal	0.6	4.8	14.9
UL840510 Gas generators of air or water gas	0.4	-1.2	22.8
Total	4.5	-1.1	25.4

# G1 Weapons and Ammunition

## G1.11 Weapons and ammunition

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL930690 Bombs, grenades, torpedoes, mines, missiles and other ammunition and projectiles	9.1	25.6	40.3
UL871000 Tanks and other armored vehicles and parts thereof	8.9	20.5	47.0
UL890610 Naval ships	1.7	-18.3	43.1
UL930630 Cartridges and parts thereof for shotguns or rifles rifled	1.4	4.7	22.0
UL930190 Military weapons, incl. sub-machine guns	1.0	-7.7	227.5
UL930621 Cartridges for smooth-barreled shotguns or rifles	0.7	19.2	7.4
UL930119 Artillery weapons "eg., Guns, howitzers and mortars", not self-propelled	0.5	-1.0	80.2
UL930120 Missile tubes, flame throwers, grenade launchers, torpedo tubes and similar projectors	0.4	28.0	312.7
UL930629 Parts of cartridges for smooth-barreled shotguns or rifles	0.2	-0.4	4.6
Total	23.9	11.4	35.9

## G1.12 Pistols and shotguns

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL930200 Revolvers and pistols	1.0	12.0	205.8
UL930400 Air guns or gas, truncheons	0.6	5.8	22.4
UL930330 Shotguns and rifles for hunting or target-shooting with a rifled barrel or barrels	0.5	0.5	123.4
UL930320 Shotguns and rifles for hunting or target-shooting with at least one smooth bore	0.4	-1.6	111.7
UL930390 Firearms and similar devices which operate the firing of an explosive	0.1	14.3	69.4
UL930310 Muzzle-loading firearms only from the barrel	0.0	5.9	117.6
Total	2.7	5.5	66.6

## G1.13 Parts for weapons

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL930591 Parts and accessories of military weapons of heading 9301, nes	1.0	16.4	252.2
UL930529 Parts and accessories of shotguns and rifles for hunting or target-shooting of heading 9303	0.4	6.9	87.8
UL930510 Parts and accessories of revolvers and pistols, nes	0.3	8.4	123.0
UL930599 Parts and accessories of articles of heading 9303 or 9304, nes	0.2	-8.3	58.2
Total	1.9	8.7	129.7

## G1.14 Side-arms

Products	World Trade		
	Bn € 2018	Cagr 15-18	€/Kg 2018
UL930700 Swords, cutlasses similar arms	0.0	0.5	30.7
Total	0.0	0.5	30.7



## Z9 Confidential data

### Z9.99 Confidential data

Products		World Trade		
		Bn € 2018	Cagr 15-18	€/Kg 2018
UL999999	Confidential	826.6	13.7	0.8
data				
Total		826.6	13.7	0.8