

# Export Planning Information System

## Products Classification

April 2021

## ExportPlanning Products Classification

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April 2021

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# A1 Natural Raw Materials

## A1.11 Energy raw materials

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL440200 Charcoal	1.2	6.3	0.5
UL284410 Natural uranium	4.1	1.0	55.1
UL271410 Shale and tar sands	0.0	-8.7	0.3
UL2711A0 Natural gas, liquefied or gaseous state	203.2	2.2	0.3
UL270900 Crude oil	683.5	2.9	0.3
UL270300 Peat	2.1	16.0	0.2
UL270210 Lignite	4.2	16.4	0.0
UL270119 Coal, whether or not powdered	16.9	3.1	0.1
UL270112 Bituminous coal, also pulverized	60.6	4.2	0.1
UL270111 Anthracite, whether or not pulverized	2.8	-2.0	0.1
Total	978.7	2.9	0.2

## A1.21 Metal ores

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL261790 Other ores and concentrates	0.1	5.0	1.8
UL261710 Antimony ores and concentrates	0.2	3.9	1.8
UL261690 Precious metal ores and concentrates	5.2	18.8	3.1
UL261610 Silver ores and concentrates	1.5	-5.3	3.2
UL261590 Niobium, tantalum or vanadium ores and concentrates	0.4	25.5	13.2

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UL261510 Zirconium ores and concentrates	1.1	5.8	1.1
UL261400 Titanium ores and concentrates	2.0	12.0	0.5
UL261300 Molybdenum ores and concentrates	3.4	17.5	9.3
UL261200 Uranium and thorium ores	0.2	-23.4	16.5
UL261100 Tungsten ores and concentrates	0.1	-3.6	8.8
UL261000 Chromium ores and concentrates	2.2	3.2	0.2
UL260900 Tin ores and concentrates	0.6	-4.2	5.1
UL260800 Zinc ores and concentrates	7.3	2.8	0.6
UL260700 Lead ores and concentrates	4.5	-2.5	1.4
UL260600 Aluminium ores and concentrates	4.7	11.7	0.1
UL260500 Cobalt ores and concentrates	0.1	-29.0	3.4
UL260400 Nickel ores and concentrates	3.7	18.2	1.0
UL260300 Copper ores and concentrates	54.2	8.3	1.6
UL260200 Manganese ores and concentrates	6.0	22.5	0.1
UL260100 Iron ores	143.1	20.2	0.1
Total	240.7	14.6	0.1

## A1.22 Minerals for the chemical industry

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL25A000 Borates and other minerals for the chemical industry	2.9	5.2	0.3
UL2510A0 Natural calcium phosphates	1.9	-2.7	0.1
UL250300 Sulphur of all kinds	1.2	-11.1	0.1
UL250200 Iron pyrites (not roasted)	0.0	-22.7	0.3
Total	6.1	-1.8	0.1

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL710310 Precious and semi-precious stones, unworked	0.7	-9.5	29
UL710231 Diamonds (non-industrial) flocks	18.9	-16.2	437 383
UL710221 Industrial diamonds, unworked	0.3	2.8	29 384
UL710210 Diamonds (not selected)	1.1	-6.9	52 122
UL7101A0 Natural and cultured pearls, unworked	0.2	-22.6	1 227
UL251320 Emery and other natural abrasives	0.2	3.8	0
UL251310 Pumice stone also heat treated	0.1	3.7	1
UL051199 Natural sponges of animal origin	1.6	8.0	2
UL050800 Coral and similar	0.1	-4.8	3
Total	23.2	-14.4	12

### A1.24 Non-metallic mineral

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL271490 Bitumen and asphalt, natural	0.4	4.1	0.3
UL262190 Slag and ash, incl. the ashes of kelp	0.4	11.3	0.1
UL25B000 Other monumental or building cutting	0.4	0.5	0.2
UL253010 Vermiculite, perlite and chlorites (unexpanded)	0.2	1.3	0.2
UL252A00 Limestone and gypsum	1.4	1.5	0.1
UL252930 Leucite, nepheline and nepheline syenite	0.1	-0.5	0.2
UL252910 Feldspar	0.4	3.6	0.1
UL252600 Natural steatite	0.7	-2.8	0.3
UL252500 Mica	0.2	-1.1	0.5
UL252400 Asbestos	0.3	1.2	0.3

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UL251990 Magnesite	1.4	2.3	0.4
UL251910 Magnesium carbonate, natural "magnesite"	0.0	-25.7	0.6
UL251810 Dolomite, not calcined	0.3	7.8	0.1
UL251740 Granules, chippings and powder, of stones	1.1	10.9	0.1
UL251720 Mixtures of slag and similar industrial waste, mixed with pebbles, gravel	0.0	6.5	0.0
UL251710 Pebbles, gravel of a kind commonly used for concrete	2.2	3.8	0.1
UL251620 Sandstone	0.2	3.4	0.2
UL251610 Granite	1.2	2.4	0.1
UL251510 Marble and travertine	1.4	-4.5	0.2
UL251400 Slate	0.1	-2.0	0.3
UL251200 Siliceous fossil meals and siliceous earths	0.1	-3.6	0.5
UL250900 Crete	0.1	-5.7	0.2
UL250870 Chamotte or dinas	0.1	0.3	0.2
UL250860 Mullite	0.1	4.2	0.5
UL250850 Andalusite, kyanite and sillimanite	0.1	2.5	0.4
UL250840 Clays	0.5	0.5	0.3
UL250830 Fireclay	0.3	9.9	0.2
UL250810 Bentonite	0.7	3.7	0.2
UL250700 Kaolin	1.4	-3.6	0.2
UL250610 Quartz	0.4	10.6	0.3
UL250500 Natural sand and gravel	1.3	0.3	0.1
UL250400 Natural graphite	0.4	5.2	1.2
Total	18.0	1.6	0.1

### A1.31 Rough wood

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL440399 Other wood in the rough	3.1	-6.5	0.1
UL440392 Beech wood, rough	0.2	-7.2	0.1
UL440391 Oak wood, rough	0.5	2.5	0.3
UL440349 Tropical wood raw	1.5	11.0	0.4

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UL440341 Dark Red Meranti, Light Red Meranti and Meranti Bakau, raw	0.0	-53.3	1.8
UL440320 Logs of coniferous wood	10.0	10.2	0.1
UL440110 Firewood, into pieces or pellets	0.4	-3.9	0.1
Total	15.8	4.7	0.1

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL450110 Cork	0.1	0.6	2.1
UL400120 Natural rubber	7.4	-5.6	1.3
UL400110 Natural rubber latex	1.5	2.2	1.1
UL140A00 Vegetable materials for plaiting	1.2	11.2	0.8
UL1301A0 Shellac, gum arabic and other natural resins	0.7	-1.0	3.4
UL060400 Vegetable materials used for adornment	0.2	-0.6	3.7
Total	11.1	-3.0	1.2

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL121300 Cereal straw and husks	0.4	13.3	0.1
UL120700 Cotton seed and other oilseeds	5.4	8.1	1.2
UL120600 Sunflower seeds	4.6	10.7	0.7
UL120500 Rape or colza seeds	10.2	5.4	0.6
UL120400 Linseed	0.9	3.0	0.5
UL120300 Copra	0.1	-14.3	0.8
UL120200 Peanuts	3.5	9.4	1.0
UL120100 Soya beans	63.3	7.0	0.3
UL100800 Buckwheat and millet	0.9	4.4	0.6
UL100700 Sorghum	1.2	-8.9	0.2
UL100610 Raw rice	0.9	1.6	0.4

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UL100500 Maize	36.3	7.5	0.2
UL100400 Oats	0.8	6.3	0.2
UL100300 Barley	6.8	5.1	0.2
UL100200 Rye	0.3	19.9	0.2
UL100100 Wheat	40.3	6.2	0.2
Total	175.8	6.7	0.2

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL121490 Forage plants	2.4	5.4	0.3
UL120991 Vegetable seeds for sowing	3.9	2.9	41.9
UL120930 Seeds of flowering plants	0.3	6.5	66.0
UL120920 Seeds of forage plants	1.5	2.7	2.1
UL120910 Seeds of sugar beet	0.6	0.2	22.4
UL060491 Christmas trees, cut	0.8	2.2	3.4
UL0603A0 Flowers and flower buds	7.2	0.1	4.4
UL060200 Live plants	9.6	3.3	2.2
Total	26.3	2.4	1.7

### A1.45 Colonial raw materials

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL240100 Natural or unmanufactured tobacco	8.2	-3.5	4.6
UL180100 Cocoa beans	9.0	1.7	2.3
UL090300 Mate	0.2	8.9	2.2
UL0902A0 Tea Leaves	4.1	1.5	3.0
UL090111 Coffee beans (not roasted or decaffeinated)	16.4	-1.2	2.2
Total	37.9	-0.8	2.6

### A1.46 Cane and beet sugar

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020

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UL121299 Sugarcane	1.0	9.8	2.5
UL121291 Sugar beet	0.0	6.5	0.2
Total	1.0	9.7	1.8

### A1.51 Farm animals and their products

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL152190 Insect waxes	0.1	-2.1	6.1
UL051110 Semen	0.4	6.0	586.6
UL041000 Edible products of animal origin, n.n.a.	0.6	5.1	25.4
UL040900 Natural honey	1.9	-0.7	3.0
UL040700 Fresh chicken eggs	3.5	1.8	1.5
UL030760 Snails, other than sea	0.1	-4.1	3.9
UL0106A0 Other farmed animals n.c.a., live	0.6	8.1	27.9
UL010630 Live birds	0.1	-3.3	70.9
UL010620 Reptiles, snakes, turtles, live	0.0	2.6	99.3
UL010619 Live domestic rabbits	0.4	-0.6	10.9
UL010500 Live poultry	2.6	0.7	1.8
UL010420 Goats, live	0.1	-16.9	1.9
UL010410 Sheep, live	1.4	3.1	2.8
UL010300 Pigs, live	3.6	-1.6	2.1
UL010200 Live cattle for milk	8.3	4.1	2.4
UL010100 Horses and other equines, live	2.4	2.0	18.0
Total	26.3	1.8	2.5

### A1.61 Raw hides and skins

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL430100 Raw furskins	1.1	-18.2	96.1
UL410300 Raw skins of pigs and reptiles	0.4	-2.1	4.4
UL410200 Raw hides and skins of sheep	0.3	-15.7	0.8
UL410100 Raw hides and skins of bovine or equine animals	1.8	-19.1	0.9

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Total	3.6	-17.2	1.4
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### A1.62 Unprocessed textile fibres

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL530310 Jute and other textile bast fibers, raw or retted	0.2	-3.4	1.4
UL530210 True hemp, raw or retted	0.0	33.2	1.5
UL530110 Flax, raw or retted	0.0	17.8	1.0
UL520100 Cotton, whether or not ginned	13.7	6.7	1.4
UL5102A0 Pubic not carded or combed	0.3	-3.8	15.0
UL510110 Raw wool	1.8	-8.9	3.7
UL500200 Raw silk (not thrown)	0.2	-12.3	44.6
UL500100 Silk-worm cocoons suitable for reeling	0.0	-4.1	11.6
Total	16.3	3.5	1.5

### A1.91 Waste and scrap

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
ULG00000 Waste and scrap of copper	15.2	2.4	3.5
UL890800 Vessels and goods destined for demolition	2.6	34.2	19.2
UL854810 Waste and scrap of primary cells	1.1	2.5	3.7
UL81A000 Waste of other non-ferrous metals	0.6	2.8	4.1
UL800200 Waste and scrap of tin	0.0	-12.2	7.6
UL790200 Zinc waste and scrap	0.5	9.5	1.5
UL780200 Waste and scrap of lead	0.4	-2.1	1.1
UL760200 Waste and scrap of aluminum	9.0	-0.3	1.0
UL750300 Waste and scrap of nickel	0.8	15.6	4.6

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<i>continues the previous table</i>			
UL720400 Waste of basic iron and steel	26.5	5.7	0.3
UL711290 Waste of precious metals	26.1	15.1	46.5
UL711230 Ash containing precious metals	1.0	17.5	87.1
UL6310A0 Rags, scrap twine of objects out of order	0.4	-4.0	0.6
UL550500 Waste of synthetic and artificial fibers	0.1	-5.7	0.7
UL520210 Waste of cotton yarn	0.0	-8.1	0.6
UL510300 Waste of wool	0.0	-11.2	2.2
UL500300 Silk waste	0.0	-5.4	9.6
UL470700 Paper and cardboard to recycle	4.9	-13.0	0.1
UL440130 Other recyclable waste, non-hazardous n.c.a.	4.7	12.0	0.2
UL411520 Leather waste	0.0	-20.0	1.2
UL40A000 Waste, parings and scrap of rubber	0.6	-2.7	0.4
UL391500 Waste, parings and scrap, of plastic	1.9	-22.9	0.3
UL382590 Other hazardous waste	0.0	-2.8	0.9
UL382569 Residual products of the chemical or allied industries	0.0	-9.9	0.7
UL382561 Residual products containing principally organic constituents	0.1	58.3	0.7
UL382550 Residues of metal pickling liquors	0.0	-12.9	1.4
UL382549 Residues of organic solvents, non-halogenated	0.0	-4.7	0.9
UL382541 Waste organic solvents, halogenated	0.0	-4.8	0.8
UL382500 Municipal waste	0.0	-5.1	0.8
UL300692 Waste pharmaceuticals	0.0	-11.6	19.9
UL284450 Elements of nuclear reactors	0.0	41.0	115.6
UL271090 Waste oils	0.1	-7.5	0.7
UL262110 Ash and residues from the incineration of waste	0.1	55.0	0.3
UL2620A0 Ash and residues of other non-ferrous metals	0.7	-5.7	0.9
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<i>continues the previous table</i>			
UL262040 Ash and residues, aluminum	0.1	-6.3	0.4
UL262030 Ash and residues, copper	0.3	2.8	1.1
UL262020 Ash, residue, sludge lead	0.2	-2.0	0.6
UL262019 Ash and residues, zinc	0.8	12.2	0.8
UL262011 Spelter	0.2	1.6	1.5
UL261A00 Slag and slag slag	0.7	3.3	0.0
UL240130 Tobacco refuse	0.2	-5.0	0.6
UL230B00 Residues from the manufacture of alcoholic beverages	2.3	-1.3	0.2
UL230800 Vegetable materials and vegetable waste, vegetable residues and by	0.5	1.4	0.3
Total	103.2	4.0	0.5

## A2 Industrial Raw Materials

### A2.11 Steel

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL730710 Tube or pipe fittings, from cast iron casting	2.5	0.0	3.8
UL730300 Tubes, pipes and hollow profiles, of cast iron	1.3	-3.5	1.0
UL730200 Elements of steel for the construction of railways	2.7	-3.1	1.0
UL730120 Sections of iron or steel, obtained by welding	0.3	-2.4	2.3
UL730110 Sheet piling of iron or steel	1.1	-0.9	0.6
UL722880 Hollow drill bars and rods	0.1	5.2	3.5
UL722870 Profiles of alloy steel other than stainless steel	0.7	-12.5	1.2
UL722860 Alloy stainless steel bars, further treated	0.2	-8.5	2.2
UL722820 Bars and rods, of silico-manganese steel	0.2	3.8	0.7
UL722810 Bars and rods, of high speed steel	0.4	-3.8	8.9
UL722800 Hot rolled bars in tool steels	5.0	-15.0	0.8
UL722790 Bars and rods of alloy stainless steel, hanks	2.5	-13.3	0.6
UL722720 Bars and rods of silico-manganese steel, in coils	0.3	-2.2	0.6

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UL722710 Bars and rods of high speed steel, in coils	0.1	-4.0	7.2
UL722691 Flat-rolled products of alloy stainless steels, of a width less than 600 mm	0.4	-2.2	1.1
UL722620 Flat-rolled products of high speed steel, of a width less than 600 mm	0.0	-11.8	8.9
UL722610 Flat-rolled products of silicon-electrical steel "electrical", width of <600 mm	0.6	0.1	1.1
UL722599 Flat-rolled products of alloy stainless steels, further processed (width > = 600 mm)	1.8	0.6	0.9
UL722590 Flat-rolled products of alloy steel, galvanized	4.4	-2.8	0.8
UL722550 Flat-rolled products of alloy stainless steels, only cold-rolled (width > = 600 mm)	2.0	-1.6	0.7
UL722540 Flat-rolled products not in coils of alloy steel (other than stainless) (width > = 600 mm)	3.9	-3.5	0.8
UL722530 Coils of alloy steel (other than stainless) (width > = 600 mm)	4.3	-9.1	0.5
UL722510 Flat-rolled products of silicon-electrical steel "electrical", width > = 600 mm	2.7	-3.5	0.9
UL722490 Semi-finished alloy steel not stainless	1.7	-3.3	1.1
UL722410 Non-stainless steel alloy steel in primary forms	0.3	-9.6	1.8
UL722240 Sections of stainless steel	0.5	-0.1	3.4
UL722230 Bars and rods, forged steel only	0.6	6.8	3.2
UL722219 Rods of stainless steel, simply hot-rolled,	0.3	7.3	3.4

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UL722211 Bars of stainless steel, of circular cross-section	0.7	0.9	3.2
UL722100 Bars and rods of stainless steel, in coils	1.3	-1.9	2.2
UL722010 Flat-rolled products of stainless steel, width <600 mm	0.3	-4.3	2.4
UL7219A0 Cold rolled products of stainless steel, of a width of > = 600 mm	12.4	0.0	1.9
UL721920 Do not hot-rolled coils, of a width of > = 600 mm, of stainless steel	2.8	1.4	2.4
UL721910 Hot rolled coils, of a width of > = 600 mm, of stainless steel	6.1	-1.3	1.5
UL721890 Semi-finished products of stainless steel	1.0	5.1	3.4
UL721810 Stainless steel in primary forms	0.2	2.1	2.7
UL721600 Rolled or extruded, of non alloy steel	8.0	-0.4	0.5
UL7214B0 Hot rolled non-alloy steel	1.0	-0.2	0.6
UL7214A0 Hot-rolled bars for reinforced concrete	10.1	-1.9	0.4
UL721430 Bars and rods, automatic, hot-rolled, hot-drawn or extruded	0.1	-12.4	0.6
UL721399 Wire rods in irregularly wound coils, of circular cross section with a diameter >=14 mm	0.7	4.2	0.5
UL721391 Wire rods in irregularly wound coils, of circular cross section with a diameter <14 mm	5.8	3.9	0.4
UL721320 Wire rods in irregularly wound coils, of non-alloy free-cutting steel	0.4	-8.2	0.6
UL721310 Wire rod in coils, which have indentations, ribs, grooves	1.6	11.4	0.4
UL721100 Hot-rolled non-alloy steel, width <600 mm	2.1	-2.7	0.7
UL7210A0 Dishes non-alloy steel, plated or coated, width > = 600 mm	36.2	-0.6	0.7
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UL7209B0 Cold-rolled non-alloy steel, not in coils, width > = 600 mm	0.9	-1.0	0.7
UL7209A0 Cold-rolled non-alloy steel, in coils, width > = 600 mm	9.0	-4.2	0.5
UL7208B0 Hot-rolled non-alloy steel, not in coils, width > = 600 mm	12.4	3.3	0.5
UL7208A0 Hot-rolled non-alloy steel, in coils, width > = 600 mm	25.4	2.7	0.4
UL720710 Semi-finished products of iron or non-alloy steel	19.0	10.3	0.4
UL720600 Iron and non-alloy steel in primary forms	0.6	-4.3	0.8
UL720500 Granules and powders, of iron or steel	1.6	-0.8	1.3
UL720300 Ferrous products obtained by direct reduction of iron ore	3.7	29.1	0.3
UL7202A0 Nickel-iron and other iron alloys	14.6	15.4	2.2
UL720240 Ferrochrome	5.1	-3.0	0.9
UL720220 Ferrosilicon	2.3	-0.2	1.0
UL720210 Ferromanganese	1.4	3.6	1.0
UL720100 Pig iron and spiegeleisen in primary forms	3.8	8.9	0.3
Total	231.9	0.6	0.6

## A2.12 Copper

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL741200 Copper tube or pipe fittings (couplings, elbows, sleeves)	4.0	3.0	12.8
UL741100 Pipes made of copper	5.1	3.3	7.0
UL7410A0 Copper foil, of a thickness not exceeding 0.15 mm	5.9	3.6	13.2
UL740A00 Refined copper, unwrought, tied	1.7	13.0	4.7
UL740900 Plates, sheets and strip, of a thickness exceeding 0.15 mm	5.6	-0.3	7.1
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UL740800 Copper wire	14.6	3.3	5.8
UL740700 Bars and rods of copper	3.9	-1.6	5.5
UL740600 Copper powders and flakes	0.6	8.0	6.5
UL740310 Refined copper, unwrought, unalloyed	55.5	6.7	5.2
UL740200 Unrefined copper, copper anodes for electrolytic refining	7.7	6.3	5.9
UL740100 Copper mattes; cement copper	1.0	24.5	2.6
Total	105.6	5.1	5.8

### A2.13 Aluminium

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL760A00 Pipes and pipe fittings, aluminum	2.3	-2.0	5.4
UL760700 Foil of aluminum, of a thickness not exceeding 0.2 mm	10.6	1.7	3.5
UL760600 Plates, sheets and strip, of a thickness exceeding 0.2 mm	22.7	-1.1	2.6
UL760500 Aluminium wire	3.2	3.2	2.0
UL760400 Bars and rods of aluminum	12.4	-0.8	3.4
UL760300 Aluminum powders and flakes	0.3	-4.5	3.0
UL760100 Unwrought aluminum	38.9	0.2	1.6
UL281820 Aluminum oxide (excluding artificial corundum)	7.8	-4.0	0.5
Total	98.3	-0.4	1.7

### A2.14 Lead, zinc and tin

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL800300 Bars, rods, profiles and wire, of tin	0.4	0.4	17.0
UL800100 Unwrought tin	2.5	-6.2	14.8
UL790A00 Bars, rods, profiles and wire Zinc, plates, sheets, strip and foil Zinc	0.7	-3.6	2.7

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UL790300 Zinc dust, powders and flakes (flakes)	0.3	-0.5	2.8
UL790100 Zinc, unwrought	9.7	0.5	2.1
UL780400 Plates, sheets, strip and foil; lead powders and flakes	0.2	-4.8	2.5
UL780100 Unwrought lead, refined	4.2	-2.8	1.8
Total	18.2	-1.6	2.4

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL811300 Cermets and articles thereof,	0.6	-1.3	60.6
UL811200 Beryllium, chromium, germanium, vanadium, gallium, hafnium, indium, niobium, rhenium and thallium	0.9	-3.7	18.2
UL811100 Manganese and articles thereof Manganese	0.7	-1.8	1.5
UL8110A0 Antimony and articles thereof Antimony	0.1	0.2	5.4
UL810A00 Bismuth and articles of bismuth, cadmium and articles of cadmium	0.1	-4.1	4.2
UL810900 Zirconium and articles of zirconium	0.3	-2.6	70.3
UL810800 Titanium and articles thereof Titanium	4.2	-2.9	30.2
UL810500 Cobalt mattes, cobalt and articles of cobalt	1.9	-5.5	32.1
UL810400 Magnesium and articles of magnesium	1.4	2.2	2.3
UL810300 Tantalum and articles of tantalum	0.6	2.4	343.9
UL810200 Molybdenum and articles thereof Molybdenum	0.4	-1.8	44.7
UL810100 Tungsten and articles thereof	0.6	-0.4	54.5

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UL750700 Pipes and pipe fittings, of nickel	0.9	5.6	35.3
UL750600 Plates, sheets, strip and foil, of nickel	1.1	4.3	21.6
UL750500 Bars, rods, profiles and wire, of nickel	2.4	9.3	22.9
UL750400 Nickel powders and flakes	1.0	15.0	17.7
UL750200 Nickel, unwrought	9.3	3.7	12.2
UL750100 Intermediate products of nickel metallurgy	5.6	12.0	6.8
Total	32.2	3.1	10.0

## A2.16 Precious metals

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL71A000 Metals plated with gold or platinum	0.3	10.1	186
UL711000 Metals of the platinum group	48.1	27.7	18 698
UL710813 Gold in semi-manufactured forms, for non-monetary purposes	85.6	14.4	31 041
UL710810 Gold, unwrought or in powder	270.8	2.5	28 383
UL710692 Silver in semi-manufactured forms	2.6	5.0	187
UL710600 Silver, unwrought or in powder	17.8	5.8	341
Total	425.2	6.5	5 131

## A2.21 Petroleum products and derivatives of coal

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL271300 Coke and petroleum bitumen	13.6	7.0	0.2
UL271200 Petroleum jelly, paraffin wax; petroleum and other waxes	2.3	-6.7	1.0
UL271129 Hydrocarbons in the gaseous state, n.n.a.	1.6	22.5	3.4
UL271119 Hydrocarbons, gases, liquefied, n.n.a.	3.1	-2.4	1.0

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UL271114 Ethylene, propylene, butylene and butadiene, liquefied	1.0	-5.4	1.3
UL271113 Butane, liquefied	12.3	8.2	0.5
UL271112 Propane, liquefied	27.4	-6.3	0.3
UL271019 Petroleum oils and oils	249.5	-1.7	0.4
UL271011 Motor spirit	195.2	3.2	0.4
UL270B00 Tar and coal pitch	1.2	9.1	0.4
UL270A00 Briquettes, ovoids and similar solid fuels	0.1	-14.3	0.2
UL270400 Coke of coal	4.2	0.2	0.2
Total	511.3	0.2	0.4

## A2.22 Organic basic chemicals

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL382370 Industrial fatty alcohols	2.3	-0.6	1.1
UL382319 Industrial monocarboxylic fatty acids, acid oils from refining	3.9	3.5	0.6
UL382313 Tall oil fatty acids industrial	0.2	-2.5	1.1
UL382312 Oleic acid industrial	0.3	10.4	1.0
UL382311 Industrial stearic acid	0.9	1.2	0.7
UL380700 Wood tar, wood tar oils	0.1	6.6	1.4
UL380600 Rosin and resin acids; gums	0.9	-7.8	1.3
UL380500 Essences Gum, wood or sulphate turpentine, pine oil, and the like	0.2	15.7	2.5
UL380400 Residual lyes from the manufacture of wood pulp	0.3	-3.5	0.4
UL380300 Tall oil, whether or not refined	0.3	5.0	0.7
UL380290 Diatomaceous earth and other minerals activated	0.6	1.2	0.4

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<i>continues the previous table</i>			
UL350790 Enzymes and prepared enzymes	5.2	4.2	9.6
UL350710 Rennet and concentrates thereof	0.1	4.1	8.1
UL294200 Compounds, organic	1.4	3.9	25.0
UL293400 Nucleic acids and other heterocyclic compounds - thiazole, benzothiazole, other cycles	25.2	13.1	54.7
UL293300 Heterocyclic compounds with nitrogen hetero-atom only	37.3	-0.3	15.2
UL293200 Heterocyclic compounds with oxygen hetero-atom only	5.7	10.2	15.6
UL293100 Organo-inorganic compounds not chemically defined compounds, nes	5.8	8.0	3.8
UL2930B0 Other organo-sulfur compounds	4.5	1.8	3.8
UL2930A0 Thiocarbamates and dithiocarbamates; mono-, di-or tetrasulphides; methionine	3.1	-4.3	1.9
UL292990 Compounds with nitrogen functions	0.4	6.7	4.3
UL292910 Isocyanates	3.3	-4.3	1.8
UL292800 Organic derivatives of hydrazine and hydroxylamine	1.3	2.2	10.2
UL292700 Diazo-, azo and azoxy	0.5	0.2	5.2
UL2926A0 Nitrile-function compounds	2.5	8.5	6.5
UL292620 1-cyanoguanidine "dicyandiamide"	0.1	7.1	1.7
UL292610 Acrylonitrile	1.9	9.3	1.1
UL2925A0 Imines and their derivatives, and salts thereof	1.3	7.5	7.3
UL292511 Saccharin and its salts	0.2	-2.8	7.1
UL292421 Ureines and their derivatives, and salts thereof	0.2	-5.0	15.5
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<i>continues the previous table</i>			
UL292200 Amino-compounds with oxygen function	11.5	-4.0	4.7
UL292150 Aromatic polyamines and their derivatives, and salts thereof	1.1	1.0	3.7
UL29214B Aniline and derivatives	1.1	1.9	1.8
UL29214A Aromatic monoamines and their derivatives, salts thereof	1.3	1.7	10.2
UL292130 Monoamines and polyamines	0.6	-0.2	4.6
UL29212A Hexamethylenediamine and its salts; ethylenediamine and its salts	1.1	-2.5	2.1
UL292129 Polyamines, acyclic, and their derivatives, salts thereof	0.7	2.3	2.8
UL292119 Monoamines, acyclic, and their derivatives, salts thereof	0.9	3.8	2.9
UL292111 Mono-, di-or trimethylamine and their salts	0.2	2.5	1.3
UL2920A0 Esters of other inorganic acids of non-metals	1.4	5.0	2.5
UL291900 Phosphoric esters and their derivatives	0.8	3.6	2.4
UL291800 Citric acid, carboxylic acids, its salts and esters	6.7	4.0	2.1
UL2917A0 Oxalic acid, azelaic, maleic, other, cyclic, cyclenic ... and their salts	1.3	0.8	2.6
UL29173C Polycarboxylic acids, aromatic	1.6	-1.3	1.0
UL29173B Phthalic anhydride, terephthalic acid and its salts	3.9	-2.0	0.5
UL29173A Orthophthalates dibutyl phthalate	0.5	-11.6	1.1
UL291733 Dinonyl or didecyl	0.5	-4.9	0.9
UL291714 Maleic anhydride	0.3	1.8	0.9
UL291712 Adipic acid, its salts and esters	0.9	-4.6	1.1
<i>continued on next col./page</i>			

<i>continues the previous table</i>			
UL2916A0 Acrylic acid and its salts	2.0	11.4	2.6
UL291639 Monocarboxylic acids, aromatic	0.8	7.0	11.2
UL291632 Benzoyl peroxide and benzoyl chloride	0.1	1.4	3.6
UL291631 Benzoic acid, its salts and esters	0.5	1.5	1.5
UL291630 Phenylacetic acid, its salts and esters	0.0	5.7	12.2
UL291615 Oleic, linoleic or linolenic acids, their salts and esters	0.1	0.3	1.9
UL291614 Esters of methacrylic acid	1.9	0.0	1.5
UL291613 Methacrylic acid and its salts	0.2	-1.5	1.7
UL291612 Esters of acrylic acid	2.0	-1.9	1.2
UL2915A0 Mono-, di- or trichloroacetic acids, propionic, butyric, valeric, salts and esters	1.2	5.5	1.6
UL291590 Monocarboxylic acids, saturated, acyclic	2.7	3.5	2.3
UL291570 Palmitic acid, stearic acid, their salts and esters	0.8	1.1	1.3
UL291530 Esters of acetic acid	4.2	0.7	0.9
UL291529 Salts of acetic acid	0.2	3.7	2.2
UL291524 Acetic anhydride	0.3	5.3	0.8
UL291521 Acetic acid	1.4	1.0	0.4
UL291510 Formic acid, its salts and esters	0.5	-2.5	0.6
UL2914A0 Camphor and ketone-alcohols, aldehydes, phenols, etc.	0.8	5.3	8.2
UL291470 Halogenated, sulphonated, nitrated or nitrosated derivatives of ketones or quinones	0.6	11.9	16.2
UL291460 Quinones	0.4	4.7	32.5
UL291429 Ketones, alicyclic (containing) other oxygen function	0.9	6.1	10.3
UL291423 Ionones and methylionones	0.1	-2.4	10.7
UL291422 Cyclohexanone and methylcyclohexanones	0.3	-6.1	1.1
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<i>continues the previous table</i>			
UL291419 Ketones, acyclic (containing) other oxygen function	0.2	1.1	5.2
UL291413 4-Methylpentan-2-one (methyl isobutyl ketone)	0.1	-4.7	0.9
UL291412 Butanone "methyl ethyl ketone"	0.7	11.4	1.2
UL291411 Acetone	1.4	6.0	0.6
UL291300 Derivatives of aldehydes	0.1	4.2	10.6
UL291260 Paraformaldehyde	0.1	-1.2	0.6
UL291250 Cyclic polymers of aldehydes	0.0	6.2	3.0
UL291240 Aldehyde-ethers, aldehyde-phenols and aldehydes with other oxygen function	0.6	9.1	12.6
UL291220 Cyclic aldehydes without other oxygen function	0.5	4.6	6.4
UL291219 Aldehydes, acyclic (containing) other oxygen function	0.6	2.8	3.2
UL291212 Ethanal "acetaldehyde"	0.1	2.1	6.9
UL291211 Methanal "formaldehyde"	0.1	-2.8	0.4
UL291100 Acetals and hemiacetals	0.1	-1.2	9.1
UL2910A0 Other epoxides, epoxy-alcohols, epoxy-phenolic, epoxy-ethers	0.9	9.4	2.0
UL291020 Methyloxirane "propylene oxide"	1.5	-2.0	1.0
UL291010 Oxirane "ethylene oxide"	0.4	-1.9	1.2
UL290960 Alcohol peroxides and ethers	0.5	-0.8	3.5
UL290950 Ether-phenols	0.3	3.6	11.2
UL290941 2,2-Oxydiethanol (diethylene glycol; digol)	0.6	2.3	0.5
UL290940 Other ether-alcohols and their derivatives	3.4	11.6	1.0
UL290930 Aromatic ethers and their halogenated, sulfonated, nitrated or nitrosated	0.7	-8.4	13.8
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<i>continues the previous table</i>			
UL290920 Ethers cycloparaffinic	0.1	8.4	21.5
UL290910 Acyclic ethers and their halogenated, sulfonated, nitrated or nitrosated	4.9	-0.7	2.2
UL290800 Halogenated, sulphonated, nitrated or nitrosated derivatives of phenols or phenol-alcohols	0.7	7.6	6.0
UL290700 Monophenols and polyphenols	4.8	0.6	1.2
UL290600 Cycloparaffinic menthol and other alcohols, and aromatic nitrated or nitrosated	1.8	6.9	8.0
UL2905A0 Other diols and polyalcohols, excl. D-glucitol	2.4	2.4	1.7
UL290550 Halogenated, ... or nitrosated derivatives of acyclic alcohols	0.2	0.7	6.0
UL290545 Glycerol "glycerine"	1.1	9.6	0.6
UL290544 D-glucitol "sorbitol"	0.3	3.3	0.8
UL290530 Ethylene glycol and propylene	8.6	3.9	0.5
UL290520 Unsaturated monohydric acyclic	0.8	5.8	8.8
UL29051A Lauryl alcohol, cetyl alcohol, stearic acid and other saturated monohydric	1.6	-1.8	1.5
UL290516 Octanol "octyl alcohol" and isomers thereof	0.7	-3.5	0.9
UL290514 Butanols	0.4	5.2	0.8
UL290513 Butan-1-ol (n-butyl alcohol)	0.4	-4.5	0.7
UL290512 Propan-1-ol "propyl alcohol" and propan-2-ol "isopropyl alcohol"	1.9	19.7	1.1
UL290511 Methanol "methyl alcohol"	7.1	5.0	0.4
UL290490 Sulphonated, nitrated or nitrosated derivatives of hydrocarbons, whether or not halogenated	0.3	12.9	2.4
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<i>continues the previous table</i>			
UL290420 Derivatives of hydrocarbons, containing only nitro or only nitroso groups	0.2	6.2	3.1
UL290410 Sulphonated hydrocarbons	0.4	0.8	1.4
UL290360 Halogenated derivatives of aromatic hydrocarbons	1.0	7.6	3.5
UL290350 Halogenated derivatives of cyclanic, nitrated or nitrosated	0.1	-4.6	41.5
UL290340 Halogenated derivatives of acyclic hydrocarbons containing >= 2 halogens	0.6	0.1	3.4
UL290330 Fluorinated, brominated or iodinated derivatives of acyclic hydrocarbons	2.5	4.0	7.3
UL290329 Chlorinated derivatives of acyclic hydrocarbons (unsaturated)	0.1	8.1	2.6
UL290321 Vinyl chloride "chloroethylene"	2.3	4.4	0.5
UL290320 Trichlorethylene, tetrachlorethylene (perchlorethylene)	0.1	-7.9	0.9
UL290319 Saturated chlorinated derivatives of acyclic hydrocarbons	0.1	1.7	3.1
UL290315 1,2-Dichloroethane (ethylene dichloride)	1.0	5.1	1.2
UL290314 Carbon tetrachloride	0.0	23.1	1.6
UL290313 Chloroform "chloroform"	0.0	-4.6	1.8
UL290312 Dichloromethane "methylene chloride"	0.2	0.5	0.5
UL290311 Chloromethane "methyl chloride" and chloroethane "ethyl chloride"	0.1	2.4	0.7
UL290290 Hydrocarbons, Cyclic	0.6	-6.1	2.5
UL290270 Cumene	0.7	-10.4	0.6
UL290260 Ethylbenzene	0.3	-12.9	0.7
UL290250 Styrene	6.3	-9.5	0.6
UL290240 Xylene	11.0	-4.8	0.6
UL290230 Toluene	1.7	-1.6	0.5
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UL290220 Benzene	3.5	-8.3	0.5
UL290219 Hydrocarbons, Alicyclic	0.8	-0.8	3.2
UL290211 Cyclohexane	0.6	-9.7	1.1
UL290129 Hydrocarbons acyclic	1.9	0.0	1.7
UL290124 Buta-1 ,3-diene and isoprene	1.4	-7.9	0.6
UL290123 Butene "butylene" and isomers thereof	0.4	-4.9	0.7
UL290122 Propene "propylene"	4.3	-2.2	0.7
UL290121 Ethylene	4.1	-8.0	0.7
UL290110 Hydrocarbons, acyclic, saturated	2.9	10.6	1.1
UL2707B0 Naphthalene and mixtures of aromatic hydrocarbons	5.4	-9.1	0.4
UL2707A0 Benzene, toluene, xylene	2.4	-0.8	0.5
UL270790 Creosote oils and other products of the distillation of coal tar	11.4	44.4	0.3
UL220720 Ethyl alcohol and other spirits, of any strength, denatured	2.3	9.6	0.9
UL220710 Undenatured ethyl alcohol	6.9	9.6	0.7
Total	297.0	2.0	1.1

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UL284900 Carbides, whether or not chemically defined	1.1	-4.7	1
UL284700 Hydrogen Peroxide	0.8	4.9	0
UL284600 Compounds of rare earth metals and mixtures of these metals	1.2	7.7	24
UL284500 Heavy water, other isotopes and their compounds	0.5	12.3	784
UL284440 Radioactive compounds	1.5	1.5	461
UL284430 Depleted uranium and thorium and their compounds	0.0	-17.5	18
UL284420 Enriched uranium and plutonium and their compounds	3.6	-1.8	690
UL284390 Compounds of precious metals	5.7	32.1	2 184
UL284330 Gold compounds	1.1	5.0	4 867
UL284329 Silver compounds, other than silver nitrate	0.1	-4.8	224
UL284321 Silver nitrate	0.2	3.7	137
UL284310 Compounds of precious metals	0.2	22.8	358
UL284290 Salts of inorganic acids or peroxyacids	0.5	6.3	4
UL284210 Double or complex silicates of metals	0.6	3.7	2
UL2841B0 Chromates and dichromates; peroxychromates	0.1	-5.4	1
UL2841A0 Manganites, manganates and permanganates, molybdates, tungstates (wolframates)	0.4	3.5	8
UL284190 Salts of oxometallic or peroxometallic acids	3.0	33.4	15
UL2840A0 Borates; perborates (perborates)	0.8	13.7	0
UL283A00 Sulfides, polysulfides, whether or not chemically defined; dithionites and sulphoxylates	0.5	-0.5	1

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## A2.23 Inorganic basic chemicals

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL840130 Fuel elements (cartridges), non-irradiated, for nuclear reactors	1.9	-5.9	353
UL710420 Ungraded synthetic or reconstructed, unworked	0.5	18.2	417
UL710410 Piezoelectric quartz, natural, synthetic or reconstructed	0.1	-0.5	513
UL28D000 Phosphides, hydrides, nitrides, azides, silicides and borides	1.9	29.8	9
UL285200 Organic or inorganic compounds, mercury amalgams escl.gli	0.0	-22.3	12

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UL283900 Silicates, commercial alkali metal silicates	0.6	2.8	0
UL283700 Cyanides, cyanide oxides and complex cyanides	0.9	1.3	2
UL2836A0 Other carbonates	2.0	3.5	1
UL283650 Calcium carbonate	0.7	1.9	0
UL283630 Hydrogen "baking soda" sodium	0.8	7.6	0
UL283620 Disodium carbonate	3.1	0.5	0
UL283531 Sodium triphosphate	0.4	-7.0	1
UL283525 Calcium hydrogen "dicalcium phosphate"	0.3	-2.3	1
UL283522 Phosphate or disodium monoxide	0.1	3.9	2
UL283510 Phosphinates "hypophosphites" and phosphinates "phosphites"	0.1	0.0	2
UL283500 Phosphates and polyphosphates	2.0	2.7	1
UL283429 Nitrates	0.3	2.2	1
UL2833A0 Sulphates, excluding those of aluminum and barium	3.0	7.8	0
UL283340 Peroxosulphates "Persulphates"	0.2	1.0	2
UL283330 Alums	0.0	2.1	2
UL283320 Barium sulphate or aluminum	0.3	0.4	0
UL283230 Thiosulphates	0.1	10.4	1
UL283200 Sulfites	0.4	5.8	0
UL282900 Chlorates and perchlorates; bromates and perbromates; iodates and periodates	0.5	-6.9	1
UL282800 Hypochlorites, commercial calcium hypochlorite; chlorites; hypobromites	0.6	3.9	1
UL2827A0 Bromides and bromide oxides, iodides and iodide oxides	0.7	3.7	3
UL282740 Chloride oxides and chloride hydroxides of copper and other metals	0.3	8.2	1
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UL282730 Chlorides, excluding ammonium	1.2	5.2	1
UL282600 Fluorides; fluorosilicates, fluoroaluminates and other complex fluorine salts	1.2	3.3	2
UL282510 Hydrazine and hydroxylamine and their inorganic salts	0.2	4.3	3
UL281A00 Oxides of boron, boric acids, other inorganic acids	0.7	6.0	1
UL281830 Aluminum hydroxide	1.3	2.4	0
UL2816A0 Magnesium hydroxides and peroxides, of strontium or barium	0.2	5.0	1
UL281530 Peroxides of sodium or potassium	0.0	-7.5	13
UL281520 Potassium hydroxide "caustic potash"	0.6	4.8	1
UL281512 Sodium hydroxide (caustic soda) in aqueous solution	3.3	0.9	0
UL281511 Sodium hydroxide "caustic soda" solid	0.7	-0.1	0
UL281300 Sulphides of non-metals; commercial phosphorus trisulfide	0.2	3.0	3
UL281290 Halides and asialogenuri elements (non-metallic)	0.4	1.5	17
UL281210 Chlorides and chloride oxides	0.3	3.7	2
UL281122 Silicon Dioxide	2.4	0.9	1
UL281111 Hydrogen Fluoride "hydrofluoric acid"	0.6	1.0	1
UL280920 Phosphoric acid and polyphosphoric acids, whether or not chemically defined	3.3	-1.8	1
UL280910 Diphosphorus pentaoxide	0.0	0.9	2
UL280700 Sulfuric acid, oleum	1.2	16.2	0
UL280620 Acid chlorosulphuric	0.0	1.2	1
UL280610 Hydrogen chloride "hydrochloric acid"	0.3	2.9	1
UL280500 Alkali or alkaline-earth metals; rare earth metals, scandium and yttrium; mercury	0.8	8.0	9
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UL2804A0 Phosphorus, arsenic, selenium	0.5	0.1	3
UL280460 Silicon	4.6	-12.3	3
UL280450 Boron, Tellurium	0.2	24.6	57
UL280300 Carbon "carbon blacks and other forms of carbon"	3.2	2.3	1
UL280200 Sulphur, sublimed or precipitated, colloidal sulfur	0.1	-7.1	1
UL2801A0 Iodine, fluorine, bromine	1.2	8.8	16
UL280110 Chlorine	0.2	3.9	1
UL260120 Roasted iron pyrites	0.0	-17.5	0
Total	72.4	3.2	1

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UL390760 Poly "ethylene terephthalate", in primary forms	9.0	0.0	0.8
UL390750 Alkyd resins, in primary forms	0.7	-0.9	1.6
UL390740 Polycarbonates, in primary forms	8.7	-1.7	2.1
UL390730 Epoxide resins, in primary forms	5.0	0.8	3.0
UL390720 Polyethers, in primary forms	10.2	0.8	1.7
UL390710 Polycetals, in primary forms	1.8	0.6	1.7
UL390600 Acrylic polymers in primary forms	13.5	2.0	1.7
UL3905C0 Other vinyl polymers in primary forms	3.2	0.7	2.9
UL3905B0 Polymers of vinyl acetate in non-aqueous dispersion, in primary forms	1.0	2.0	1.8
UL3905A0 Polymers of vinyl acetate in aqueous dispersion, in primary forms	0.9	1.7	1.0
UL390400 Polymers of vinyl chloride, in primary forms	14.6	-1.5	1.0
UL390300 Polymers of styrene, in primary forms	16.0	-2.8	1.2
UL3902A0 Other polymers of propylene or of other olefins, in primary forms	14.5	0.7	1.2
UL390210 Polypropylene, in primary forms	21.6	2.1	0.9
UL390100 Polymers of ethylene, in primary forms	65.6	0.2	0.9
Total	241.0	0.3	1.2

## A2.31 Plastics in primary forms

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL391400 Ion exchangers based on polymers in primary forms	1.7	7.6	5.4
UL391300 And modified natural polymers, nes, in primary forms	2.3	5.9	9.5
UL391200 Cellulose and its chemical derivatives, nes, in primary forms	5.1	1.6	3.9
UL391100 Petroleum resins and polysulfide, in primary forms	5.4	-1.2	3.0
UL391000 Silicones in primary forms	6.4	1.9	4.4
UL3909B0 Other aminoresins, phenolic resins and polyurethanes, in primary forms	12.2	2.3	1.9
UL3909A0 Urea resins, thiourea resins and melamine resins, in primary forms	1.2	-2.0	0.8
UL390800 Polyamides in primary forms	10.8	-1.9	2.7
UL3907A0 Polyesters esters and other polyesters, in primary forms	9.8	1.4	2.3

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## A2.32 Synthetic rubber in primary forms

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL400200 Synthetic rubber in primary forms	18.4	0.7	1.6
Total	18.4	0.7	1.6

### A2.33 Man-made fibres

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL550B00 Artificial filament tow and staple fibers, not carded or combed	3.5	-2.6	2.0
UL550A00 Synthetic filament tow and staple fibers, not carded or combed	6.0	-3.7	1.3
UL540500 Artificial monofilament of > = 67 decitex section of <= 1 mm, width <= 5 mm	0.0	-17.5	5.8
UL5404A0 Synthetic monofilament, strip and the like, of synthetic textile materials	1.0	0.3	5.1
UL540330 Other artificial filament yarn simple	0.5	-5.1	4.9
UL540310 High-tenacity yarn of viscose rayon	0.1	-12.2	3.9
UL5402B0 High-tenacity yarn of polyamides and polyesters	2.6	-4.6	2.6
UL5402A0 Other synthetic simple	8.4	-3.5	1.9
Total	22.3	-3.5	1.8

### A2.41 Pulp

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL470A00 Mechanical pulp and semi-chemical wood	1.5	1.5	0.4
UL470600 Pulps of fibrous materials other than wood	1.2	18.7	0.6
UL470400 Chemical wood pulp, sulphite	0.3	-2.5	0.9
UL470300 Chemical wood pulp, soda or sulphate	25.0	-0.2	0.5
UL470200 Chemical wood pulp, dissolving grades	3.2	-1.1	0.7
Total	31.3	0.2	0.5

## B1 Unpacked Food

### B1.11 Fresh and frozen meat

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
ULB00000 Fats of	2.3	3.3	0.8
UL050400 Guts, bladders and stomachs of animals	3.5	2.3	3.6
UL020A00 Other meat and edible offal,	6.7	0.9	1.7
UL0207B0 Meat of poul- try, frozen	17.2	4.3	1.4
UL0207A0 Meat of poul- try, fresh or chilled	6.5	0.7	1.9
UL020600 Edible offal	1.4	6.9	1.6
UL020500 Horsemeat, mules or hinnies, fresh, chilled or frozen	0.3	0.8	3.2
UL0204B0 Meat of sheep, frozen	3.8	11.1	4.6
UL0204A0 Meat of sheep, fresh or chilled	2.6	2.2	6.8
UL020450 Meat of goats, fresh or chilled	0.3	-4.1	5.2
UL020320 Meat of swine, frozen	19.1	13.2	2.3
UL020310 Meat of swine, fresh or chilled	13.6	1.0	2.5
UL020200 Meat of bovine animals, frozen	25.9	13.2	3.7
UL020100 Meat of bovine animals, fresh or chilled	19.2	2.1	4.9
Total	122.2	5.9	2.4

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL03D000 Livers and roes of fish	0.9	1.9	6.4

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UL0307A0 Molluscs	1.8	-1.4	5.0
UL030620 Fish, fresh or chilled	4.9	8.5	13.7
UL030610 Crustaceans, frozen	20.0	3.0	6.7
UL0305B0 Dried fish (even salted or in brine)	2.5	4.1	5.1
UL030540 Fish, including fillets, smoked	2.1	1.3	11.5
UL030530 Fish fillets (not smoked), dried, salted or in brine	0.6	3.0	6.3
UL030490 Fish meat (whether or not minced), frozen	2.3	2.0	2.7
UL030420 Frozen fish fil- lets	13.0	1.6	4.6
UL030410 Fish fillets, fresh or chilled	5.7	4.3	8.8
UL030300 Frozen fish	20.7	3.4	1.7
UL030200 Fish, fresh or chilled	17.2	-0.6	4.8
UL030190 Live fish	1.4	-1.0	6.1
Total	93.1	2.3	3.7

### B1.15 Feed

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL230990 Food for fish and birds	15.1	4.6	0.9
UL230120 Flours, meals of fish, unfit for human con- sumption	3.8	1.4	1.2
UL230110 Flours, of meat unfit for human consump- tion; greaves	1.9	8.9	0.4
UL121410 Meal and pel- lets in the form of pellets, alfalfa	0.4	0.4	0.2
UL051191 Other inedible products of fish or crus- taceans	0.6	2.2	3.5
Total	21.9	4.2	0.8

## B1.21 Fresh fruit

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL120999 Seeds, fruit and spores, for sowing	0.3	-0.5	17.6
UL0810A0 Other berries	6.3	15.0	1.5
UL081050 Kiwi	3.1	7.8	1.9
UL081040 Blueberries	3.5	13.9	5.7
UL081020 Raspberries	1.6	10.9	6.5
UL081010 Strawberries	2.6	3.7	2.6
UL080940 Plums and prunes	0.8	1.6	1.1
UL080930 Peaches	2.1	1.5	1.2
UL080920 Cherries	3.1	10.1	3.7
UL080910 Apricots	0.4	0.6	1.3
UL080820 Pears	2.5	2.8	1.0
UL080810 Apples	7.0	0.9	0.8
UL080610 Grapes, fresh	8.4	4.1	1.8
UL080590 Other citrus fruits	0.1	16.8	1.0
UL080550 Lemons and limes	3.8	5.0	1.0
UL080540 Pomelo and grapefruits	0.8	2.0	0.8
UL080520 Tangerines, mandarins, clementines	5.4	8.0	1.0
UL080510 Oranges	5.2	4.7	0.7
UL080400 Other tropical and subtropical fruits	14.2	9.4	1.4
UL080300 Bananas, plantains and similar	14.1	7.6	0.6
UL0802A0 Other nuts	2.2	2.7	5.4
UL080250 Pistachios	2.8	4.4	7.5
UL080240 Chestnuts	0.3	-3.8	2.7
UL080230 Walnuts	2.9	7.7	3.9
UL080220 Hazelnuts in shell	1.9	0.8	6.0
UL080210 Almonds in shell	6.0	1.9	4.9
UL080100 Coconuts	7.0	-1.1	2.4
Total	108.5	5.6	1.3

## B1.31 Vegetables (fresh and preserved)

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
ULD00000 Potatoes, frozen	6.3	1.3	0.8

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UL200550 Beans, preserved	1.0	4.3	0.9
UL200540 Peas, preserved	0.3	4.8	1.0
UL200520 Potatoes in the form of flour, meal or flakes, not frozen, preserved	2.2	3.0	2.4
UL110500 Flour, meal and flakes of potatoes	0.7	7.2	1.2
UL080719 Other melons	1.3	-2.5	0.7
UL080711 Watermelons	1.7	5.0	0.4
UL071490 Other edible roots and tubers with high starch	0.4	1.0	1.1
UL071420 Sweet potatoes	0.6	11.2	0.8
UL071410 Cassava	1.0	-10.9	0.4
UL071390 Legumes (dried leguminous vegetables) n.c.a.	0.4	-10.8	0.8
UL071350 Dried broad beans	0.4	5.2	0.4
UL071340 Dried lentils	2.8	2.6	0.5
UL071330 Dried beans	3.7	2.3	0.9
UL071320 Dried chickpeas	1.3	-6.7	0.5
UL071310 Dried peas	2.1	-1.5	0.3
UL071290 Dried vegetables	1.5	-2.0	2.8
UL071230 Dried mushrooms and truffles	1.1	-5.1	12.8
UL071220 Onions, dried	0.4	4.2	2.0
UL071100 Vegetables provisionally preserved	0.6	1.4	1.1
UL0710A0 Vegetables, frozen	5.9	2.7	1.0
UL070990 Artichokes	4.1	4.9	1.2
UL070970 Spinach	0.4	9.2	1.9
UL070960 Chillies and peppers, green (only capsicum)	5.3	3.3	1.4
UL070950 Mushrooms and truffles	1.8	3.8	2.6
UL070940 Fresh vegetables n.c.a.	0.3	7.8	0.8
UL070930 Eggplant	0.5	4.6	1.0
UL070920 Asparagus	1.1	-3.1	2.9
UL070800 Beans and other green leafy vegetables	1.3	2.9	1.6
UL070700 Cucumbers and gherkins	2.6	3.8	0.9
UL070690 Other root, bulb or tuberous	0.5	-0.1	0.6

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UL070610 Carrots and turnips	1.2	0.0	0.4
UL070500 Lettuce and chicory	2.5	2.4	1.0
UL070400 Cabbage, cauliflower and broccoli	3.1	4.6	0.7
UL070390 Leeks and other allium vegetables	0.3	-1.5	1.0
UL070320 To	2.9	-0.7	1.3
UL070310 Onions	3.4	3.2	0.4
UL070200 Tomatoes	8.5	2.0	1.2
UL070100 Fresh potatoes	3.9	1.4	0.3
Total	79.4	1.7	0.8

### B1.41 Rice, flour and starches

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL350510 Dextrins and other modified starches	3.1	2.2	0.8
UL230310 Residues of starch manufacture and similar residues	1.3	0.5	0.4
UL230200 Bran cereal	1.8	9.1	0.2
UL190300 Preparations of tapioca	0.2	28.2	1.6
UL151529 Maize oil, refined	0.4	-10.2	1.2
UL151521 Maize oil, crude	0.2	-13.6	0.8
UL110900 Wheat gluten "wheat"	1.3	0.1	1.2
UL110820 Inulin	0.2	9.7	2.2
UL110813 Potato starch	0.6	5.3	0.7
UL110812 Cornstarch	1.0	10.0	0.4
UL110811 Wheat starch	0.3	7.1	0.4
UL110810 Other starches	1.9	2.2	0.5
UL110600 Flour and meal of vegetables, fruits, tubers	0.6	7.0	2.4
UL110300 Cereal meal	1.1	4.3	0.4
UL110290 Cereal flours	0.5	5.9	0.8
UL110220 Cornstarch	0.4	3.7	0.5
UL110100 Wheat	4.2	-0.8	0.4
UL100620 Husked rice	1.5	11.3	0.6
Total	20.6	2.8	0.4

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL230320 Residues from the processing of sugar beet	0.6	1.4	0.2
UL180620 Chocolate, in packs > 2 kg	4.3	2.5	2.8
UL180500 Cocoa powder (excl. sugar or other sweetening matter)	2.1	-1.5	2.1
UL180400 Cocoa butter, fat and oil	4.6	-0.2	5.1
UL180300 Cocoa paste	3.2	3.0	2.7
UL180200 Cocoa shells, husks "skins" and other cocoa waste	0.0	-9.2	0.9
UL170300 Cane molasses and beet	0.9	4.0	0.3
UL1702B0 Fructose and fructose syrup	2.5	1.8	0.9
UL1702A0 Glucose and glucose syrup	1.8	-3.3	0.4
UL170220 Sugar and maple syrup	0.4	6.0	5.5
UL170110 Cane or beet colored or flavored	0.2	3.2	1.1
UL170100 Raw cane or beet sugar	8.7	-9.0	0.4
UL121220 Algae	0.8	3.1	4.1
UL121100 Aromatic and medicinal plants	3.0	2.8	4.9
UL121000 Hops	0.7	10.0	11.4
UL091010 Ginger	1.2	16.9	1.4
UL091000 Other spices, not processed	2.0	6.1	3.0
UL090900 Anise, star anise, coriander, cumin, unprocessed	1.2	13.7	1.8
UL090800 Nutmeg, mace and cardamoms, raw	1.4	28.6	13.5
UL090700 Carnations whole fruit, cloves and stems	0.4	2.5	4.9
UL090600 Cinnamon	0.7	15.0	3.3
UL090500 Vanilla	0.7	0.9	190.9
UL090420 Chillies and peppers, dry (capsicum spp.), unprocessed	2.3	14.1	2.2
UL090411 Pepper (of the genus Piper), unprocessed	1.1	-16.8	2.5

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### B1.43 Sugar, cocoa and spices



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Total	44.7	-0.1	1.0
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## B1.51 Vegetable oil and animal fats

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL230A00 Solid residues, of vegetable oils	27.9	0.2	0.3
UL152200 Degras	0.1	8.4	0.4
UL152110 Vegetable waxes (other than triglycerides)	0.1	0.0	5.5
UL151B00 Other vegetable oils, refined	2.3	-3.9	0.9
UL151A00 Other vegetable oils, crude	3.6	8.7	1.6
UL151600 Fats and oils, hydrogenated, esterified	2.8	-2.1	1.1
UL1514A0 Rape, colza and mustard oil, crude	3.5	5.1	0.7
UL151319 Coconut oil, refined	1.1	-6.2	1.3
UL151311 Coconut oil, crude	0.8	-10.4	2.6
UL151229 Cottonseed oil refined	0.1	6.7	0.9
UL151221 Cottonseed oil, crude	0.0	0.3	0.7
UL151211 Sunflower oil, crude	8.6	10.6	0.7
UL151190 Palm oil, refined	19.3	1.2	0.6
UL151110 Palm oil, crude	8.4	4.3	0.6
UL150A00 Other fats and oils of animal breeding	0.5	18.8	1.2
UL150810 Groundnut oil, crude	0.4	14.4	1.1
UL150710 Soybean oil, crude	6.8	-3.2	0.6
UL150500 Wool grease	0.1	-2.6	5.3
UL150400 Fats and oils of fish	1.9	5.7	2.5
UL140420 Cotton linters	0.1	-12.4	0.9
UL120800 Flours and meals of oil seeds or oleaginous fruits	0.9	3.6	0.6
Total	89.5	1.6	0.5

## B1.52 Dairy products

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL350110 Casein	1.1	4.0	6.6
UL170210 Lactose and lactose syrup	1.2	12.2	1.1
UL040490 Vitamins and other natural milk constituents	1.2	6.8	2.2
UL040410 Whey powder, granules or other solid forms	3.0	5.8	1.0
Total	6.5	6.7	1.4

## B1.61 Yeast, malt and extracts

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL3502B0 Albumin of eggs	0.2	-2.8	2.4
UL210610 Protein concentrates	2.1	6.5	3.4
UL210200 Yeasts	2.5	4.5	2.4
UL190190 Malt extract	6.7	3.7	2.0
UL160300 Extracts and juices of meat and fish	0.2	6.0	6.1
UL13023A Mucilages and thickeners	1.8	2.6	5.2
UL130231 Agar-agar, whether or not modified	0.2	-1.1	15.9
UL130220 Pectic substances, pectinates and pectate	0.6	-0.7	10.2
UL130219 Vegetable saps and extracts	2.8	8.5	24.6
UL130213 Extracts of hops	0.3	1.8	26.2
UL130212 Liquorice extract	0.1	-7.7	5.7
UL130211 Opium	0.0	-10.0	38.4
UL110700 Malt	3.1	-0.8	0.4
UL040800 Products from the processing of eggs	0.9	1.1	2.1
Total	21.7	3.3	1.6

## B2 Fabrics and Leather

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
ULC00000 Feathers and skins of birds	1.2	1.9	8.2
UL051000 Ambergris, castoreum, civet and musk	0.3	15.2	16.2
UL050790 Tortoiseshell, whalebone, antlers, hooves	0.1	1.4	13.8
UL050710 Ivory crude	0.0	-20.5	71.1
UL050690 Bones and horn-cores and other bones	0.2	-0.3	0.4
UL050610 Ossein and bones treated with acid	0.0	3.8	1.7
UL050290 Hair brush making, and the like	0.0	3.6	41.0
UL050210 Pigs', hogs' or boars	0.0	-14.8	10.5
Total	1.9	2.4	3.2

### B2.12 Lamb skin and treated leather

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL411510 Composition leather with a basis of leather or leather fiber	0.1	-13.1	7.8
UL411420 Patent leather and patent laminated leather, patent leather and metallic	0.2	-14.3	17.3

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UL411410 Chamois leather	0.1	-16.3	20.6
UL411300 Leather further prepared parchment and skins of other	0.6	-17.4	28.7
UL411200 Leather further prepared parchment and sheep	0.3	-13.2	41.8
UL410700 Leather further prepared and parchment of cattle and horses	5.5	-12.8	17.1
UL410600 Hides and skins of goats, pigs and reptiles	0.2	-13.7	3.0
UL410500 Leather of sheep	0.2	-9.5	5.2
UL410400 Hides and skins of bovine	1.9	-18.7	2.0
Total	9.2	-14.5	6.4

### B2.21 Yarn

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL55C000 Yarn of artificial staple fibers	1.2	-4.8	2.7
UL55B000 Yarn of synthetic staple fibers, containing <85	1.5	-9.2	3.0
UL55A000 Yarn of synthetic staple fibers, containing ≥ 85	1.6	-7.1	2.7
UL550700 Artificial staple fibers, processed for spinning	0.0	-7.9	3.5
UL550600 Synthetic staple fibers, processed for spinning	0.2	-3.4	2.9
UL540A00 Sewing thread of synthetic filaments and fibers or artificial	1.4	-3.3	6.9
UL540340 Artificial filament yarn, twisted	0.1	-4.4	7.5
UL540260 Synthetic filament yarn, twisted	0.9	-0.4	3.0
UL530B00 Yarn of jute, coir and true hemp	0.6	-0.6	1.2
UL530A00 Jute and other textile fibers, processed	1.3	3.1	1.0
UL530600 Flax yarn	0.3	-7.8	8.6
UL520640 Cotton yarn, twisted, of combed fibers (<85	0.2	-13.6	5.9

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UL520630 Cotton yarn, twisted, of uncombed fibers (<85	0.1	-14.0	2.8
UL520620 Cotton yarn, single, of combed fibers (<85	0.4	-4.9	2.7
UL520610 Cotton yarn, single, of uncombed fibers (<85	0.4	-3.3	1.7
UL520540 Cotton yarn, twisted, of combed fibers (> 85	0.5	-13.9	5.3
UL520530 Cotton yarn, twisted, of uncombed fibers (> 85	0.3	-13.6	2.6
UL520520 Cotton yarn, single, of combed fibers (> 85	3.2	-4.1	2.8
UL520510 Cotton yarn, single, of uncombed fibers (> 85	4.0	-4.8	1.9
UL520400 Sewing thread of cotton	0.1	-3.1	7.0
UL520300 Cotton, carded or combed	0.2	-8.1	2.1
UL520290 Frayed and other cotton waste	0.3	5.8	1.0
UL511000 Yarn of coarse animal hair or of horsehair	0.0	-9.1	20.3
UL510A00 Noils of wool and frayed	0.0	-13.6	4.9
UL510820 Yarn of combed fine animal hair	0.2	-5.2	48.1
UL510810 Yarn of fine animal hair, carded	0.2	-0.4	89.5
UL510700 Yarn of combed wool	0.9	-9.5	17.4
UL510600 Yarn of carded wool	0.3	-13.2	10.7
UL510500 Wool and fine or coarse animal hair, carded or combed	1.1	-7.7	12.0
UL510100 Wool, degreased or carbonised, not carded or combed	0.3	-17.1	2.7
UL500A00 Silk yarn	0.2	-8.3	45.6
Total	22.0	-5.7	2.6

### B2.31 Knitted fabrics

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL600600 Other knitted or crocheted fabrics	11.6	-1.9	5.4

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UL600500 Knitted or crocheted chain	2.9	0.4	5.4
UL600400 Knitted or crocheted fabrics of a width exceeding 30 cm	4.8	-2.6	7.3
UL600300 Knitted or crocheted fabrics of a width not exceeding 30 cm	0.2	4.6	12.2
UL600200 Knitted or crocheted fabrics containing by weight 5	0.4	-5.8	11.4
UL600100 Pile knitted or crocheted; knitted or curly	3.5	3.5	4.7
UL430400 Artificial fur and articles of artificial fur	0.1	6.4	16.6
Total	23.5	-1.0	5.7

### B2.32 Woven fabrics

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL580300 Woven gauze	0.0	-6.0	10.0
UL580200 Tufting and terry toweling fabrics	0.1	-1.8	4.9
UL580100 Woven fabrics, terry toweling and chenille fabrics	1.7	1.0	8.3
UL5516B0 Woven fabrics of artificial staple fibers, of yarns of different colors	0.2	-9.6	11.5
UL5516A0 Woven fabrics of artificial staple fibers, of yarns with a single color	2.5	0.6	7.0
UL5515B0 Mixed fabrics of synthetic staple fibers	2.2	-5.0	7.3
UL5515A0 Mixed fabrics synthetic wool	0.3	-6.1	16.4
UL5514C0 Mixed fabrics and synthetic cotton, weighing > 170 g / m <sup>2</sup> , of different colors	0.1	-0.7	9.0
UL5514A0 Synthetic and cotton fabrics are one color, weighing > 170 g / m <sup>2</sup>	1.0	-3.5	5.3
UL5513C0 Mixed fabrics and synthetic cotton, weighing <= 170 g / m <sup>2</sup> , of different colors	0.1	-8.1	7.3

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UL5513A0 Synthetic and cotton fabrics are one color, weighing $\leq 170$ g / m <sup>2</sup>	1.2	-6.4	5.3
UL551200 Woven fabrics of synthetic staple fibers $> = 85$	2.2	-4.4	8.6
UL540B00 Woven fabrics of high tenacity yarn of nylon and viscose rayon	1.0	-4.5	7.1
UL5408B0 Woven fabrics of artificial filament yarn $< 85$	0.3	-10.0	18.5
UL5408A0 Woven fabrics of artificial filament yarn $> = 85$	0.4	-10.1	14.0
UL5407C0 Other woven fabrics of synthetic filament yarn	1.1	4.2	2.6
UL5407B0 Woven fabrics of synthetic filament yarn, $< 85$	1.1	-3.8	8.6
UL5407A0 Woven fabrics of synthetic filament yarn, $> = 85$	14.0	-0.2	5.8
UL531100 Woven fabrics of other vegetable textile fibers, fabrics of paper yarn	0.1	-11.9	12.4
UL5310A0 Woven fabrics of jute or of other textile bast fibers	0.2	0.0	1.4
UL530920 Linen fabrics, $< 85$	0.4	4.1	12.0
UL530910 Linen fabrics, $> = 85$	0.5	-3.4	18.1
UL521200 Woven fabrics of cotton mixed linen and cotton textiles	0.4	-4.6	10.9
UL5211C0 Cotton and synthetic blended fabrics, weighing $> 200$ g / m <sup>2</sup> , of different colors	1.4	-5.6	4.7
UL5211A0 Cotton and synthetic fabrics are one color, weighing $> 200$ g / m <sup>2</sup>	0.9	-5.6	7.1
UL5210C0 Cotton and synthetic blended fabrics, weighing $\leq 200$ g / m <sup>2</sup> , of different colors	0.2	-13.0	9.3

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UL5210A0 Cotton and synthetic fabrics are one color, weighing $\leq 200$ g / m <sup>2</sup>	0.9	-9.8	7.0
UL5209C0 Fabrics $> 85$	1.9	-8.7	5.2
UL520900 Fabrics $> 85$	2.3	-10.3	5.6
UL5208D0 Fabrics $> 85$	0.1	-15.2	12.0
UL5208C0 Fabrics $> 85$	0.9	-15.7	10.0
UL5208B0 Fabrics $> 85$	5.3	-2.4	7.1
UL5208A0 Fabrics $> 85$	0.8	-7.2	8.2
UL511300 Woven fabrics of coarse animal hair or of horsehair	0.0	2.8	11.9
UL511200 Woven fabrics of combed wool or of combed fine animal hair	1.1	-12.4	40.6
UL511100 Woven fabrics of carded wool or of carded fine animal hair	0.6	-8.8	23.5
UL500700 Woven fabrics of silk	0.7	-7.8	88.8
Total	48.2	-4.1	6.6

## B2.33 Embroidery and felts

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL581100 Quilted textile products in the piece	0.2	-1.1	9.1
UL581091 Cotton embroidery in the piece, in strips or in motifs	0.1	-2.3	19.4
UL581090 Not cotton Embroidery, in the piece, in strips or in motifs	0.6	-10.7	19.8
UL581010 Chemical embroidery and embroidery without visible at the bottom cut	0.1	-9.5	36.9
UL580430 Lace in the piece, in strips or in motifs, hand-	0.0	4.4	8.7
UL580420 Machine-made lace in the piece, in strips or in motifs	0.6	-13.1	16.2
UL580410 Tulle, tulle-bobinot woven and knotted	0.5	-4.1	10.0
UL560600 Loop wale-yarn	0.4	-1.7	7.5
UL560200 Felt, coated, covered or laminated	1.0	0.2	4.0

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UL560130 And mill neps (buttons) of textile materials	0.3	-3.6	5.2
Total	3.6	-5.8	7.5

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL59A000 Textile products and articles for technical uses	5.1	0.6	15.4
UL590A00 Textile fabrics impregnated, coated or covered	9.9	-2.6	5.9
UL590200 Tire cord yarn	1.8	-6.0	3.3
UL580900 Woven fabrics of metal thread	0.0	1.9	15.3
UL580800 Braids in the piece; tassels and pompons, ornamental trimmings (excluding knitted or crocheted)	0.4	-1.5	13.3
UL580700 Labels, badges and similar articles, of textile materials (excluding embroidered)	0.8	-6.9	25.7
UL580600 Tapes, woven fabrics other than labels, badges and similar articles	2.9	-1.8	8.9
UL560500 Metallic Yarn	0.2	-3.5	11.3
UL560490 Textile yarn sheathed with rubber or plastics	0.2	-3.0	8.8
UL560410 Rubber thread and cord, textile covered	0.4	12.8	5.6
UL5603A0 Non-woven fabrics	15.7	6.8	3.3
Total	37.4	1.2	4.8

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL630590 Sacks and bags, of textile materials	0.1	-3.3	5.5

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UL630530 Sacks and bags, of man-made textile	3.8	1.7	2.4
UL630520 Sacks and bags, of cotton	0.1	1.8	9.7
UL630510 Sacks and bags, of jute	0.2	-1.9	1.6
UL560A00 Knotted netting of twine, cordage or rope	2.0	3.4	4.6
UL5607B0 Ropes and cables of synthetic fibers	1.5	4.0	4.1
UL5607A0 Twine, cordage, covered or sheathed	0.3	1.1	4.3
UL560741 Binder or baler twine, of polyethylene or polypropylene	0.3	3.4	1.8
UL560721 Twine, cordage, ropes and cables, of jute or of other textile bast fibers	0.0	-10.8	2.0
UL420500 Transmission belts and other leather items	2.0	-8.4	38.3
Total	10.5	-0.2	3.6

## B3 Pulp & Paper and Forest Products

### B3.11 Cut wood

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL440929 Lists, boards, parquet hardwood and tropical woods	2.0	-1.5	1.5
UL440921 Bamboo strips and friezes	0.0	-26.4	1.5
UL440910 Strips and friezes of conifers	1.9	4.2	1.0
UL44079A Maple, ash and cherry	0.5	-6.7	0.7
UL440799 Chestnut wood and other wood	2.0	-14.9	0.5
UL440792 Beech	0.7	-1.0	0.4
UL440791 Oak wood	1.7	-4.9	0.8
UL440710 Coniferous wood, of a thickness of > 6 mm	31.3	8.1	0.3
UL44070A Tropical wood	3.2	13.4	0.7
UL440600 Wooden sleepers for railways	0.5	14.1	0.4
UL440500 Wood wool, wood flour	0.1	1.8	0.4
UL440400 Hoopwood	0.2	3.1	0.4
UL440310 Pine poles impregnated	0.4	2.5	0.2
UL440120 Wood pellets and wood chips	3.9	-1.4	0.2
Total	48.4	4.2	0.4

### B3.12 Carpentry and wood packaging

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL441890 Builders' joinery and carpentry of wood construction	5.8	2.6	1.3
UL441860 Posts and beams, wood	0.3	6.2	0.9
UL441800 Wooden boards and formwork for concrete	0.5	-3.2	1.4
UL441600 Wooden barrels	0.7	0.1	5.5
UL441520 Pallets, pallet collars	2.3	2.5	0.4
UL441510 Packing cases, boxes, crates, drums and similar packings, of wood	0.7	2.7	1.5
Total	10.3	2.2	0.9

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL441300 Densified wood	0.3	4.6	1.0
UL441210 Plywood, veneered panels and similar laminated wood, of bamboo	0.1	-5.6	1.3
UL441200 Plywood, veneered panels and similar laminated wood	12.3	-0.1	0.7
UL441100 Fibreboard of wood: MDF, chipboard, etc.	8.0	-0.7	0.5
UL441090 Wood-based panels with organic binders	0.1	-5.5	0.5
UL441019 Waferboard and similar board, of wood	0.2	2.3	0.6
UL441012 OSB waferboard, of wood	2.9	6.6	0.4
UL441011 Particle board and similar board, fiber and composite panels	4.2	0.6	0.4
UL440800 Sheets for veneering	2.9	3.2	1.5
Total	31.0	0.7	0.6

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL940190 Parts of seats, n.n.a.	21.7	-5.9	7.6
UL660390 Parts for umbrellas and sun umbrellas or rain	0.2	8.1	2.1
UL450490 Articles of agglomerated cork n.c.a.	0.1	6.4	7.4
UL450410 Agglomerated cork	0.7	4.9	5.1
UL450390 Articles of natural cork	0.0	-7.6	6.1
UL450310 Corks and stoppers of all kinds of natural cork	0.5	-3.6	24.4
UL450200 Natural cork	0.0	-8.1	3.9
UL450190 Waste cork, crushed, granulated or ground	0.1	18.0	1.7
UL442190 The woodwork, n.n.a.	7.3	10.0	2.1
UL441700 Tools, tool and tool handles	0.4	2.6	2.8
Total	31.0	-2.6	4.5

### B3.21 Paper and cardboard for packaging

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL481099 Paper and paperboard, coated with kaolin, surface-decorated	0.5	5.2	1.0
UL481092 Paper or paperboard layers	7.8	2.6	0.7
UL481039 Kraft paper and paperboard, coated with kaolin	0.6	2.3	0.7
UL481032 Kraft paperboard, coated	1.0	-2.0	0.9
UL481031 Kraft paper, coated	0.2	-10.2	1.2
UL480890 Paper and paperboard, creped	0.3	-0.3	1.9
UL480830 Kraft paper, creped or crinkled, also embossed	0.1	-0.7	2.0

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UL480700 Paper and cardboard, assembled by sticking flat	0.6	-1.4	0.8
UL480520 Testliners	4.0	8.2	0.4
UL480511 Semi-chemical fluting paper called "fluting"	1.1	1.3	0.5
UL480510 Straw paper and corrugated paper	3.2	9.3	0.3
UL480500 Sulphite wrapping paper	2.9	2.9	0.7
UL4804D0 Kraft paper and weighing > 150 g / m <sup>2</sup>	1.1	0.3	0.7
UL480430 Kraft paper, weighing ≤ 150 g / m <sup>2</sup>	2.4	4.8	0.9
UL480420 Kraft paper for high capacity sacks	2.1	2.6	0.7
UL480419 Kraftliners, coated	1.5	0.2	0.6
UL480411 Kraftliners, uncoated	3.8	1.1	0.5
Total	33.1	3.2	0.6

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL481690 Paper for copying, width ≤ 36 cm	0.2	-3.0	4.2
UL481620 Paper called "self", width ≤ 36 cm	0.1	-8.2	1.6
UL481390 Cigarette paper, n.n.a.	0.7	3.0	3.3
UL481200 Blocks and plates, of paper pulp filter	0.1	1.1	6.7
UL481190 Paper, paperboard, cellulose wadding and webs of cellulose fibers	3.6	-1.4	2.1
UL481160 Paper and paperboard, coated, impregnated or covered with wax	0.4	-0.3	2.4
UL481159 Paper and cardboard, colored, surface-decorated or printed, coated	5.2	0.2	2.2
UL481151 Paper and paperboard, surface-colored, weighing > 150 g / m <sup>2</sup>	2.2	-3.5	1.4

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UL481149 Paper and cardboard, colored, surface-decorated or printed, Gummed or adhesive	0.4	1.9	3.0
UL481141 Self-adhesive paper and paperboard	3.9	2.2	2.5
UL481110 With tar paper and paperboard	0.1	-5.6	1.6
UL480990 Paper-copy, in rolls of a width > 36 cm	0.3	0.6	1.9
UL480920 Paper called "self", in rolls of a width > 36 cm	0.3	-10.9	1.4
UL480600 Transparent paper	1.8	4.4	1.3
UL480550 Felt and cartonfeltro	0.0	-12.5	1.1
UL480540 Filter paper and paperboard filter	0.3	3.4	3.9
UL480300 Tissue	4.0	5.3	1.1
UL480240 Wallpaper base Wallpaper	0.1	-6.8	2.9
UL480220 Paper and cardboard as a base for photo-sensitive paper or paperboard	0.1	-8.1	2.6
UL480210 Hand-made paper and paperboard	0.1	-1.0	2.6
Total	23.9	0.7	1.8

### B3.23 Paper and cardboard packaging

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL482100 Paper Labels	4.2	-1.4	7.0
UL4819B0 Envelopes of paper and cardboard for offices and shops	2.2	4.9	3.7
UL481940 Bags of paper	3.5	3.7	2.6
UL481930 Paper Sacks	0.9	2.6	1.6
UL481920 Cartons, boxes and folding, non-corrugated paper or paperboard	7.5	1.9	2.4
UL481910 Boxes of paper or corrugated cardboard	7.6	3.8	1.3
UL480810 Corrugated board, in rolls or sheets	1.2	1.3	0.8

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Total	27.1	2.3	2.0
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### B3.24 Paper and paper-board for graphic purposes

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL4810A0 Paper and paperboard for graphic purposes, coated	9.8	-8.0	0.7
UL480200 Paper and paperboard for graphic purposes, uncoated	13.0	-5.5	0.8
UL480100 Paper for newsprint	2.8	-13.0	0.4
Total	25.6	-7.4	0.7



## B4 Metal

### Intermediate Goods

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL730890 Sandwich panels of coated steel sheet	29.6	0.5	1.8
UL72A000 Flat-rolled width of <600 mm, not clad	1.5	-2.7	1.5
UL722900 Wire of alloy steel other than stainless steel	1.7	-1.9	1.2
UL722850 Rods of alloy steel other than stainless steel, cold drawn	1.3	-4.0	1.4
UL722699 Cold-rolled, of alloy steel (dividends acc. Ste.) Width of <600 mm	0.4	3.7	1.5
UL722300 Stainless steel wires	1.7	0.5	3.7
UL722220 Other bars and rods of stainless steel, cold drawn	2.3	2.0	3.3
UL7220A0 Cold rolled products of stainless steel of a width <600 mm	3.3	-0.1	2.9
UL721700 Wire of non-alloy steel	5.5	1.8	0.9
UL7216A0 Iron products formed and bent	1.7	3.4	1.0
UL721669 Sections, simply obtained or cold-finished	0.1	3.4	1.2
UL721500 Rods of iron or non-alloy steel, cold, obtained by cold	1.8	-1.3	0.9

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UL721200 Flat-rolled width of <600 mm, coated	3.3	0.1	0.9
Total	54.2	0.4	1.5

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL761090 Structures and parts of structures, of aluminum	7.5	3.4	4.8
UL730840 Equipment for scaffolding	3.9	-0.4	1.6
UL730820 Towers and lattice masts of iron or steel	3.9	10.4	1.7
UL730810 Bridges and bridge-sections of iron or steel	1.2	5.2	1.9
Total	16.5	3.9	2.4

#### B4.16 Steel pipes

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL7307C0 Elbows, bends and sleeves, threaded	1.6	-0.9	10.1
UL7307B0 Elbows, bends and other pipe fittings	8.0	1.7	7.3
Butt-welding			
UL7307A0 Steel flanges, not fused	2.7	0.2	4.6
UL7306A0 Tubes, welded, with a diameter of <= 406,4 mm, of steel other than stainless steel	5.4	-1.8	1.0
UL730690 Other welded tubes	1.0	-5.9	1.9
UL730660 Tubes and pipes, of non-circular section	5.3	3.0	0.7
UL730640 Tubes, welded, with a diameter of <= 406,4 mm, of stainless steel	3.0	-0.6	3.3

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UL730620 Cladding tubes with a diameter <= 406,4 mm	0.5	-1.5	1.7
UL730610 Welded tubes with a diameter of <= 406,4 mm for oil or gas pipelines	1.2	-1.2	1.0
UL7305A0 Tubes, welded, with a diameter of > 406,4 mm, of steel	1.6	3.7	1.2
UL730520 Cladding tubes with a diameter > 406,4 mm	0.3	-0.6	2.3
UL730510 Welded tubes with a diameter > 406,4 mm for oil or gas pipelines	4.1	5.0	0.9
UL730490 Seamless pipes and tubes of non-circular section	0.7	-4.0	2.5
UL730450 Pipes, seamless, of other alloy steel	1.6	-4.4	1.9
UL730440 Pipes, seamless, of stainless steel	3.0	0.2	7.5
UL730430 Pipes, seamless, of non-alloy steel	2.9	-2.2	1.2
UL730420 Casing, tubing and drill pipe	6.3	5.1	1.7
UL730410 Seamless tubes for oil and gas pipelines	3.0	-0.9	1.2
Total	52.0	0.7	1.6

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL848390 Parts of supports for bearings of all kinds	9.6	1.1	11.7
UL848360 Clutches and shaft couplings (including universal joints)	2.6	1.7	18.3
UL848350 Flywheels and pulleys, incl. pulley blocks	4.4	-4.6	10.3
UL848340 Gearboxes for stationary equipment, gearboxes cylindrical wheels	14.5	-1.1	12.3
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UL848330 Supports for machinery, bearings and bearing shells for machine	4.9	0.3	19.1
UL848320 Supports with bearings or rolling embedded machine	0.9	-0.3	10.4
UL848310 Transmission shafts camshaft and crankshaft	8.7	-0.5	9.8
UL848299 Parts of bearings, n.n.a.	3.5	-1.7	10.3
UL848291 Spheres, cylinders, needles and rollers for bearings	1.1	-4.0	7.9
UL848280 Bearings, incl. the combined bearings	1.1	-4.1	17.8
UL848250 Cylindrical roller bearings	2.6	2.3	19.3
UL848240 Needle bearings "roller"	0.9	-4.6	19.8
UL848230 Spherical roller bearings	1.7	-0.6	12.4
UL848220 Tapered roller bearings, incl. the cone and tapered roller assemblies	3.5	-0.4	10.5
UL848210 Deep groove ball bearings	10.2	-2.5	12.6
UL731519 Parts of articulated link chain, of iron or steel	0.3	3.1	7.4
UL731512 Articulated link chain, of iron or steel	0.7	-2.1	6.8
UL731511 Roller chains, of iron or steel	1.5	-0.6	6.7
Total	72.7	-1.0	11.8

## B4.22 Screws and bolts

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL741539 Screw hooks, screw rings and similar articles, threaded, of copper	0.2	1.8	19.0
UL741533 Screws, bolts, nuts and other threaded articles, of copper	0.4	-0.3	12.2
UL741529 Bolts, rivets, copper	0.2	0.3	25.5
UL741521 Washers, incl. washers spring, copper	0.1	2.3	23.3
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UL731829 Articles of bolts and screws (not threaded) of ductile	2.5	-2.4	10.1
UL731824 Cotter, overnights and taps, cast iron, iron or steel	0.7	1.3	10.3
UL731823 Rivets of iron or steel	0.5	-2.6	5.9
UL731822 Washers, of iron or steel	1.7	0.1	7.9
UL731821 Washers	0.6	1.3	12.1
UL731819 Articles of bolts and screws, threaded fasteners, of iron or steel, nes	2.4	2.9	5.5
UL731816 Nuts of iron or steel	5.0	0.4	5.0
UL731815 Screws and bolts	15.0	-0.3	3.6
UL731814 Self-tapping screws, of iron or steel	2.8	5.1	3.3
UL731813 Screw hooks and screw rings, of iron or steel	0.1	2.9	4.4
UL731812 Wood screws, of iron or steel	0.9	6.8	2.9
UL731811 Coach screws, of iron or steel	0.2	2.3	2.5
Total	33.3	0.5	4.4

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UL750810 Cloth, grill and netting, of nickel wire	0.0	1.8	85.5
UL741999 Cloth, grill and netting, of copper wire	2.7	0.6	17.2
UL741910 Chain and parts thereof, of copper	0.0	4.9	25.8
UL732090 Springs and leaves for springs, of iron or steel, incl. the coil springs	1.4	-1.2	9.3
UL732020 Helical springs, flat springs other than helical, of iron or steel	2.6	-0.6	6.7
UL732010 Leaf-springs and leaves therefor, of iron or steel	1.3	-3.6	2.9
UL731A00 Nails, tacks, staples, thumbtacks	3.4	4.1	2.0
UL731590 Parts of anti-skid chains	0.2	-3.1	6.9
UL731589 Chains of iron or steel	0.3	-0.5	4.7
UL731582 Chains of iron or steel, welded	0.6	5.5	2.2
UL731581 Stud link chain, of iron or steel	0.2	6.9	2.0
UL731520 Skid chain for motor vehicles, of iron or steel	0.2	1.1	4.1
UL7314B0 Woven cloth, of iron or steel wire	0.6	3.5	8.3
UL731450 Sheets and plates, and expanded metal	0.2	3.6	1.6
UL731449 Grill and netting, of iron or steel, not welded at the intersection	0.4	4.3	2.6
UL731442 Wire mesh, not welded at the intersection, coated with plastics	0.2	9.1	1.5
UL731441 Wire mesh, not welded at the intersection, galvanized	0.5	13.9	1.4
UL731439 Grill and netting, of iron or steel, welded at the intersection	0.5	6.9	1.2
UL731431 Wire mesh, welded at the intersection, galvanized	0.5	7.9	1.4
UL731420 Wire mesh, mesh surface > = 100 cm <sup>2</sup>	1.3	4.5	0.6

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL831190 Wire, rods, tubes	0.3	-3.6	7.7
UL831130 Coated rods and cored wire, for soldering, brazing or welding by flame	0.3	-0.4	10.6
UL831120 Cored wire of base metal, for electric arc-welding	0.7	-0.4	2.4
UL831110 Covered electrodes for arc welding, of base metal	0.9	-0.2	1.9
UL761691 Cloth, grill, netting and fencing, of aluminum wire	0.1	2.2	7.4

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UL731412 Endless bands and cloth	0.1	5.3	15.2
Total	19.8	1.6	2.5

## B4.24 Locks and hinges

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL830260 Automatic door closers of base metal	1.0	-2.4	9.6
UL830250 Racks, hat-pegs, brackets and similar articles of base metal	2.0	4.3	4.7
UL830249 Mountings, fittings and similar articles, of base metal	2.7	0.7	9.7
UL830242 Mountings, fittings and similar articles, of base metal, for furniture	6.5	5.0	3.7
UL830241 Gaskets for buildings and the like, of base metal	6.5	3.7	5.6
UL830220 Castors with mountings of base metal	0.8	3.7	4.8
UL830210 Hinges of all kinds of metal	4.6	3.0	5.5
UL830170 Keys, presented separately	0.3	-4.2	27.0
UL830160 Parts of padlocks and locks	2.4	-2.3	11.5
UL830150 Clasps and frames with clasps, incorporating locks, of base metal	0.1	1.1	11.1
UL830140 Other locks and cylinder locks	3.8	1.9	10.9
UL830130 Locks of a kind used for furniture, of base metal	0.4	1.7	10.6
UL830110 Padlocks of base metal	1.0	-0.4	8.6
Total	32.1	2.4	5.9

## B4.81 Components and metal parts

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL961390 Parts of lighters and other lighters, n.n.a.	0.2	1.9	11.5

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UL940390 Parts of furniture: metal	12.8	2.9	2.5
UL850510 Permanent magnets, of metal	4.1	1.4	15.8
UL830890 Clasps, frames with clasps (without lock) buckles	1.4	-0.5	18.0
UL830820 Tubular or bifurcated rivets, of base metal	0.5	-0.1	8.0
UL830810 Hooks, eyes and eyelets	0.7	0.4	8.8
UL830790 Flexible tubing of base metal other than iron or steel	0.3	3.6	10.0
UL830710 Flexible tubing of iron or steel, whether with their accessories	3.3	11.8	14.4
UL830590 Paper clips, letter corners	0.2	-1.7	3.9
UL830520 Staples in strips, of base metal	0.4	0.4	1.9
UL830510 Fittings for loose-leaf binders or files	0.2	-6.1	2.7
UL800700 Plates, sheets and tubes in pond	0.2	-5.7	14.9
UL790700 Zinc tubes	1.1	-1.4	7.4
UL780600 Bars, tubes, profiles and wire lead, n.n.a.	0.3	-2.5	5.2
UL750890 Other articles of nickel	1.5	7.2	91.2
UL732620 Cages, baskets and other articles of iron wires	2.7	6.2	2.6
UL732619 Articles of iron or steel, forged or stamped	2.5	-2.7	3.4
UL732611 Pale and similar articles for mills	1.1	7.4	0.8
UL360690 Ferro-cerium and other pyrophoric alloys in all forms	0.2	0.2	1.9
Total	33.7	2.8	3.4

## B4.82 Metal packaging

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL830990 Caps, corks, screw caps and pouring	6.0	4.1	4.0
UL830910 Crown corks of base metal	0.3	-3.5	2.2

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UL761290 Tanks, casks of a capacity ≤ 300 l, n.n.a.	4.6	3.9	4.7
UL761210 Collapsible tubular containers, of aluminum	0.4	1.2	9.0
UL731021 Boxes thereof, of a capacity <50 l	2.1	4.8	2.7
Total	13.4	3.8	3.9

### B4.83 Foundry castings

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL761699 Aluminum castings	13.6	1.2	7.7
UL741991 Articles of copper, cast	0.3	1.4	10.6
UL732599 Works of malleable cast iron	2.6	0.1	3.1
UL732591 Other iron castings and steel	0.5	2.7	0.9
UL732510 Articles of non-malleable cast	1.8	-2.1	1.7
UL731600 Anchors, grapnels and parts thereof, of iron or steel	0.2	0.6	3.0
Total	19.0	0.7	4.4

## B5 Fine Chemicals and Specialties

### B5.11 Dyes and pigments

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL320620 Pigments and preparations of a kind used for coloring any material	0.1	-4.3	3.6
UL320619 Pigments and preparations based on titanium dioxide, containing by weight, <80	1.3	3.2	2.9
UL320611 Pigments and preparations based on titanium dioxide, containing by weight >= 80	7.3	5.8	2.1
UL320600 Other coloring matter, preparations and luminophores	3.0	0.6	3.2
UL320500 Colour lakes	0.2	-2.0	13.7
UL320420 Fluorescent agents	0.6	1.2	4.5
UL320414 Direct Dyes	0.3	-2.6	2.9
UL320413 Basic dyes	0.3	-0.1	7.4
UL320412 Acid dyes	0.7	-4.8	7.5
UL320411 Disperse dyes	1.1	-1.4	8.5
UL32040A Synthetic organic coloring matter	8.0	0.4	7.6
UL320300 Colouring matter of vegetable or animal origin	1.5	6.2	16.4
UL320200 Tanning substances, chemical	0.4	-8.9	1.3
UL320100 Tanning extracts of vegetable origin	0.2	-12.7	2.4
UL28C000 Other metal oxides, peroxides and hydroxides	5.8	11.9	4.4

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UL28B000 Oxides and hydroxides of chromium, manganese, lead and copper	1.0	1.4	2.1
UL28A000 Oxide and zinc peroxide; titanium oxides	1.6	-1.7	2.1
Total	33.2	2.9	3.5

### B5.12 Paints and varnishes

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL381400 Organic composite solvents and thinners	1.6	3.3	2.1
UL321490 Non-refractory surfacing preparations for façades, indoor walls or the like	1.9	1.5	1.1
UL321410 Putty, grafting putty	5.4	1.5	2.7
UL321290 Pigments, incl. metallic powders and flakes	1.2	-2.7	7.7
UL321210 Sheets for stamping "pastel paper"	0.6	-5.0	12.1
UL321100 Driers, prepared	0.2	1.8	3.9
UL321000 Paints and varnishes oil	0.6	-4.0	4.3
UL320900 Water-based paints	5.5	1.9	2.4
UL320800 Solvent-based paints	12.1	1.6	4.2
UL320700 Colors and glaze frits	3.5	1.8	2.5
Total	32.6	1.3	2.8

### B5.13 Fertilizers and nitrogen compounds

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL310540 Monoammonium phosphate	3.5	2.4	0.3
UL310530 Diammonium hydrogenorthophosphate (diammonium phosphate)	4.7	-2.6	0.3

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UL310500 Mineral or chemical fertilizers containing two or three of the basic elements fertilizers	10.0	3.8	0.4
UL310490 Other potassic fertilizers	0.7	9.2	0.4
UL310430 Potassium sulphate	1.1	-0.7	0.4
UL310420 Potassium chloride	11.6	4.7	0.2
UL310390 Other phosphatic fertilizers	0.2	11.4	0.3
UL310310 Superphosphates	1.1	-3.5	0.2
UL3102A0 Ammonium nitrate and its mixtures	3.8	1.9	0.2
UL310250 Sodium nitrate	0.1	-3.7	0.5
UL310221 Ammonium sulphate	1.9	4.2	0.1
UL310210 Urea	11.5	2.5	0.2
UL310200 Other nitrogenous fertilizers and nitrogen mixtures	1.7	-3.1	0.2
UL310100 Mineral fertilizers, animal or plant	0.8	6.3	0.7
UL28F000 Ammonium chloride, nitrite	0.3	-0.7	0.6
UL28E000 Nitric acid; sulphonic acids, ammonia	4.5	-3.4	0.2
UL283421 Nitrates of potassium	0.7	11.2	0.6
Total	58.0	2.0	0.2

### B5.14 Explosives and industrial gases

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL360A00 Propellant powders and prepared explosives	1.1	-1.5	3.2
UL360490 Flares and other pyrotechnic articles	1.5	-0.4	30.3
UL360410 Articles for fireworks	0.8	1.9	2.4
UL285300 Liquid air, compressed air	0.0	-64.3	1.6
UL281129 Inorganic oxygen compounds of elements (non-metallic)	0.4	11.3	4.5

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UL281121 Carbon dioxide	0.5	8.4	2.3
UL280440 Oxygen	0.1	-0.5	0.6
UL280430 Nitrogen	0.2	-1.8	0.7
UL280429 Noble gases	1.8	13.1	43.4
UL280421 Argo	0.2	1.0	0.3
UL280410 Hydrogen	0.1	-2.3	4.1
UL270500 Coal gas	0.0	-6.3	4.7
Total	6.7	1.2	3.2

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL350A00 Adhesives and glues	13.5	3.0	3.7
UL330200 Mixtures of odoriferous substances	19.8	-0.2	14.2
UL330100 Essential Oils	4.5	2.4	20.0
Total	37.8	1.2	7.2

### B5.16 Pesticides and other agrochemical products

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL380894 Disinfectants	4.1	24.6	2.7
UL380893 Herbicides	10.5	1.1	5.0
UL380892 Fungicides	8.0	0.8	7.4
UL380891 Insecticides	9.6	8.6	9.7
UL380800 Other pesticides and other agrochemical products	1.8	0.4	3.5
Total	33.9	4.8	5.5

### B5.17 Chemicals for industry

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL3824A0 Prepared binders for foundry molds or cores	56.3	9.9	1.5

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UL382480 Mixtures of oxirane, polybrominated biphenyls or polybrominated biphenyls, or tris (2,3-dibromopropyl) phosphate	0.0	13.4	4.4
UL382470 Mixtures of halogenated derivatives of methane, ethane or propane	0.9	3.8	4.5
UL382100 Culture media, prepared, for the development of micro-organisms	2.7	12.6	31.1
UL382000 Anti-freezing preparations and prepared de-icing fluids	1.0	-1.1	1.1
UL381900 Hydraulic brake fluids	0.7	-1.5	2.5
UL381800 Chemicals for Electronics	13.1	5.5	223.7
UL381700 Mixed alkylbenzenes and mixed alkyl-naphthalenes	1.9	-1.5	1.1
UL381590 Reaction initiators	3.3	-2.5	5.0
UL381510 Catalysts	15.6	10.7	27.8
UL381300 Preparations and charges for fire-extinguishers; extinguishing grenades	0.2	2.1	2.1
UL381230 Anti-oxidising preparations and other compound stabilizers	3.4	5.0	3.1
UL381220 Compound plasticisers for rubber or plastics	0.5	2.2	1.9
UL381210 Preparations known as "vulcanization accelerators"	0.6	-0.7	2.8
UL381190 Oxidation inhibitors	1.8	0.6	2.9
UL381120 Additives for lubricating oils	8.2	0.1	2.9
UL381110 Anti-knock preparations	0.1	-8.3	4.8
UL381090 Fluxes for soldering, brazing or welding of metals	0.6	-0.3	3.0
UL381010 Pickling preparations for metal	0.8	-0.3	7.8
UL380900 Finishing agents, dye carriers	3.7	-0.7	1.3

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UL380210 Activated carbon	1.7	5.0	1.8
UL370700 Chemical preparations for photographic uses	5.0	-5.0	20.2
UL370300 Paper, paperboard and textiles, sensitized, unexposed	0.3	-13.8	5.9
UL370200 Photographic film, sensitized, unexposed	1.1	-2.0	11.6
UL370100 Photographic plates and film in the flat, sensitized, unexposed	3.2	-2.4	9.6
UL360610 Liquid or liquefied-gas fuels in containers	0.1	1.5	2.7
UL350400 Substance protein and their derivatives	3.0	10.2	4.9
UL3502A0 Albumins (excluding ovalbumin) albuminates and other derivatives	1.3	8.8	6.8
UL340700 Modelling pastes	0.8	2.9	4.5
UL340300 Lubricants	7.8	-0.7	3.6
UL151800 Chemically modified fats	4.3	19.2	0.7
Total	144.0	5.7	2.4

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL640620 Outer soles and heels, of rubber or plastics	1.4	-3.5	6.8
UL590690 Rubberized textile fabrics sold as such	0.6	-2.3	7.5
UL590610 Adhesive tape of rubberised textile fabrics, of a width ≤ 20 cm	0.6	2.6	6.4
UL401700 Hard rubber	0.2	-9.0	8.4
UL401699 Articles of vulcanised rubber (excl. hard rubber), nes	10.4	-0.7	8.7
UL401695 Pneumatic mattresses	0.4	-1.9	11.2
UL401694 Fenders, whether or not inflatable, of vulcanised rubber (excl. hard)	0.2	7.6	3.3

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UL401693 Seals of vulcanized rubber (excl. hard)	9.8	-0.2	18.0
UL401610 Products of cellular rubber (other than hard rubber), nes	0.6	-1.4	8.0
UL401030 Transmission belts Rubber	2.7	-2.3	20.4
UL401010 Rubber conveyor belts	1.8	2.4	4.5
UL400900 Hoses	7.5	-2.0	8.9
UL400829 Rods and profile shapes, of rubber (non-cellular, not hardened)	0.7	0.0	6.1
UL400821 Plates, sheets, strip and rubber (non-cellular, not hardened)	1.7	0.4	4.1
UL400819 Rods and profile shapes of cellular rubber (excl. hard)	0.1	-2.2	6.7
UL400811 Plates, sheets and strip, of cellular rubber (excl. hard)	0.7	1.6	5.1
UL400700 Vulcanized rubber thread and cord	0.5	2.7	2.9
UL400690 Rods, tubes, profiles and other rubber products	0.3	-3.1	7.3
UL400500 Compounded rubber, unvulcanized, in primary forms or in plates, sheets or strip	4.2	-3.7	2.5
UL400300 Reclaimed rubber in primary forms	0.3	3.0	0.7
Total	44.6	-1.1	6.7

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL392690 Articles of plastics and articles of other materials of headings 3901 to 3914	55.9	3.2	7.5
UL392640 Statuettes and other decorative objects, of plastics	2.8	3.7	4.4
UL392630 Fittings for furniture, coachwork or the like, of plastics	3.5	-1.2	10.0

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UL392190 Plates, sheets, films of polyesters, non-cellular	12.7	0.9	3.8
UL392119 Plates, sheets, film of plastics (not processed)	4.5	7.9	6.1
UL392114 Plates, sheets, film of regenerated cellulose	0.1	4.1	4.5
UL392113 Plates, sheets, film of polyurethanes	3.4	1.5	4.3
UL392112 Plates, sheets, film of polymers of vinyl chloride	1.6	0.1	3.6
UL392111 Plates, sheets, film of polymers of styrene	1.1	2.6	2.6
UL392090 Plates, sheets, film resins, non-cellular	7.7	1.7	7.5
UL392070 Plates, sheets, film of non-cellular cellulose	1.5	-2.0	11.2
UL392069 Plates, sheets, film, foil and strip, of polyesters, non-cellular	1.1	1.6	4.0
UL392063 Plates, sheets, film, foil and strip, of unsaturated polyesters, non-cellular	0.2	-4.0	3.9
UL392062 Plates, sheets, film, foil and strip, of non-cellular polyethylene terephthalate	7.8	6.1	2.7
UL392061 Plates, sheets, film, foil and strip, of polycarbonates, non-cellular	1.5	5.8	4.2
UL392059 Plates, sheets, film, foil and strip, of non-cellular acrylic polymer	0.4	0.5	5.6
UL392051 Plates, sheets, film, foil and strip, of poly "methyl methacrylate" non-cellular	2.2	3.7	3.3
UL392049 Plates, sheets, film, foil and strip, of poly "vinyl chloride", <6	2.7	3.1	2.7
UL392043 Plates, sheets, film, foil and strip, of poly "vinyl chloride", >= 6	2.0	-0.6	2.7
UL392030 Plates, sheets, film, foil and strip, of non-cellular polymers of styrene	1.7	-0.9	2.5

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	8.5	1.0	2.3
UL392020 Plates, sheets, film, foil and strip, of polymers of propylene, non-cellular			
UL392010 Plates, sheets, film, foil and strip, of non-cellular polymers of ethylene	13.8	1.5	2.3
UL391990 Self-adhesive tapes of a width > 20 cm	13.4	1.8	7.0
UL391910 Self-adhesive tape of a width ≤ 20 cm	5.6	0.9	5.8
UL3917B0 Hoses and fittings thereof, of plastics	15.6	4.8	6.6
UL3917A0 Rigid pipes of plastics	7.5	3.5	3.5
UL391600 Monofilament of plastics	4.9	3.7	3.1
Total	183.9	2.6	4.5

### B5.23 Plastic packaging

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL392390 Articles for the conveyance or packing of goods, of plastics	7.8	4.8	3.2
UL392350 Stoppers	7.9	3.6	4.7
UL392340 Spools, cops, bobbins and similar supports, of plastics	0.7	1.6	4.3
UL392330 Plastic bottles	8.8	5.6	3.5
UL392329 Plastic bags (other than ethylene)	4.6	3.1	3.8
UL392321 Plastic bags of ethylene	9.9	0.6	2.0
UL392310 Boxes, crates and similar articles of plastics	10.1	0.3	3.1
Total	49.7	2.7	3.1

### B5.24 Inks

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL321590 Ink to write	11.0	-0.4	11.8
Total	11.0	-0.4	11.8

### B5.31 Basic products for detergents

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL340400 Artificial waxes and prepared waxes	2.3	1.4	2.0
UL340210 Organic surface-active agents, except soap	8.4	2.2	1.6
UL152000 Glycerin	0.4	7.2	0.2
Total	11.1	2.2	1.4

### B5.41 Basic pharmaceutical products

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL300A00 Extracts and other human or animal substances	12.9	11.0	146.7
UL294100 Antibiotics	10.2	1.1	69.4
UL294000 Sugars, chemically pure	1.1	9.3	4.4
UL293B00 Lactones, and heterocyclic compounds and their derivatives	28.1	10.4	26.5
UL293A00 Glycosides, vegetable alkaloids and their derivatives	2.9	0.6	44.3
UL293700 Hormones and their derivatives	16.3	6.0	630.0
UL293600 Vitamins and their derivatives	8.3	8.8	12.4
UL293500 Sulphonamides	10.0	19.3	96.4
UL292A00 Amides and their derivatives	11.3	2.7	2.5
UL291820 Salicylic acid and its derivatives	0.4	5.7	4.3
Total	101.5	7.8	14.3

## B6 Ceramics Glass and Refractories

### B6.21 Flat glass and derivative products

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL700A00 Glass cast, rolled, drawn or blown, in sheets	4.6	7.6	2.7
UL700990 Glass mirrors	2.5	4.3	3.0
UL700910 Rear-view mirrors for vehicles	3.0	-3.3	22.7
UL700800 Insulating glass, multi-walled	1.7	6.7	1.8
UL700700 Safety glass	8.5	-1.5	2.6
UL700600 Optical glass and other glass curved or beveled	3.0	1.4	6.4
UL700500 Float glass, in sheets, polished or buffed	4.3	-2.2	0.4
Total	27.7	0.7	1.6

### B6.22 Hollow glass products for packaging

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL702000 Glassware, n.n.a.	3.4	3.6	8.5
UL701090 Carboys, bottles	9.4	1.1	0.8
UL701020 Stoppers, lids and other closures, of glass	0.2	7.0	2.3
Total	13.0	1.8	1.0

### B6.23 Glass products for technical uses

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL940591 Glass parts for lamps and d "lighting, etc..	0.4	-1.4	8.4
UL854610 Electrical insulators, glass	0.2	0.9	2.8
UL701890 Glassware n.c.a.	0.2	-9.1	6.4
UL701820 Glass microspheres of diameter <= 1 mm	0.3	6.9	0.9
UL701810 Glass beads, imitation pearls	0.6	-4.9	10.2
UL701700 Laboratory, hygienic or pharmaceutical glassware, also graduated	1.0	3.8	25.7
UL701690 Tiles and slabs of glass for construction	0.5	3.9	1.9
UL701610 Glass cubes and other glass smallwares	0.4	4.4	1.8
UL701500 Clock or watch glasses, glasses for spectacles, not optically worked	0.1	-11.9	39.5
UL701400 Signalling glassware and optical elements	0.4	-8.6	27.7
UL701100 Glass envelopes, open, for electric lamps, cathode ray tubes or the like	0.1	-15.8	11.7
UL701010 Glass ampoules	0.2	4.5	5.6
UL7002A0 Glass in balls, rods or tubes, unworked	0.3	-13.6	12.4
UL700230 Glass: unprocessed tubes	0.9	-0.9	5.6
UL700100 Cullet and other waste and scrap of glass; glass in the mass	0.4	-0.2	0.3
Total	5.9	-2.0	2.4

### B6.24 Glass fibres and fabrics

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL7019A0 Voiles, webs, and other articles of glass fibers, except woven fabrics	5.3	1.6	3.2
UL701910 Rovings and yarns of glass fibers	2.4	-5.6	1.1

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UL701900 Woven fabrics of glass fibers	2.1	-0.4	4.6
Total	9.7	-0.8	2.3

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL681599 Articles of stone or of other mineral substances, nes	1.8	5.2	3.0
UL681520 Articles of peat	0.0	1.3	2.7
UL681510 Articles of graphite or other carbon	4.1	-0.1	30.3
UL681400 Plates, sheets and strip and articles of mica	0.2	-1.5	9.7
UL681300 Seals for brake and clutch	0.9	-7.2	9.8
UL681290 Clothing, paper and other articles of asbestos	0.1	-0.3	4.2
UL681280 Articles of crocidolite asbestos worked	0.0	-4.1	6.3
UL680790 Articles of asphalt or of similar material	1.7	-1.3	0.5
UL680690 Mixtures-absorbing	1.3	-2.0	1.9
UL680620 Exfoliated vermiculite	0.3	4.4	0.6
UL680610 Slag wool	2.1	2.9	1.1
UL380100 Graphite and preparations based on graphite	2.1	10.3	2.9
UL2A0000 Tarmacadam and other bituminous mixtures	1.5	4.2	0.4
UL281810 Artificial corundum	0.9	-0.8	0.8
Total	17.0	1.4	1.3

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL854A00 Electrical insulators, ceramic	1.1	0.9	8
UL710229 Industrial diamonds, worked (but not mounted or set)	0.0	-9.4	2 318
UL69A000 Ceramic equipment for technical uses	6.3	2.4	10
UL680500 Abrasives, applied on fabrics, paper and other materials	3.8	1.1	9
UL680430 Stones for sharpening or polishing by hand	0.1	6.5	10
UL680423 Mole, of natural stone	0.1	-3.3	7
UL680422 Mole, of agglomerated abrasives or of ceramics	2.1	-0.3	5
UL680421 Mole, natural diamond agglomerated synthetic or	1.4	1.1	34
UL680410 Wheels and the like to grind or crush	0.1	-1.2	6
Total	15.1	1.4	9

### B6.36 Refractory materials

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL6A0000 Refractory products not subjected to cooking	2.0	0.3	3.2
UL690A00 Bricks, blocks, tiles, refractories	3.3	1.6	1.0
UL381600 Cements, mortars, concretes and similar compositions, refractory	2.0	1.9	0.6
Total	7.3	1.3	1.0

### B6.37 Decorative stone works

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL680300 Worked slate	0.5	-2.4	0.6
UL6802D0 Other monumental or building stone	1.2	1.6	0.7

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UL6802C0 Marble and granite, wrought	5.5	-2.5	0.6
UL6802B0 Marble and granite with a smooth surface	1.8	-8.8	0.5
UL6802A0 Mosaic cubes	0.2	-2.4	0.5
UL680100 Blocks and flagstones	1.1	12.3	0.1
Total	10.3	-2.2	0.4

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# C1 Building Materials and Products

## C1.11 Cement, lime and plaster products

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL6811A0 Articles of asbestos-cement, cellulose fiber-cement or the like	1.1	4.0	0.5
UL680800 Panels of vegetable fiber, straw or wood waste	0.4	5.4	0.6
UL382450 Concrete, ready for use	0.9	4.5	0.3
UL2523A0 Other hydraulic cements	0.8	0.9	0.2
UL252320 Portland cement	5.6	-2.6	0.1
UL252310 Cement clinker	4.4	11.3	0.0
UL252200 Lime	1.1	5.8	0.1
UL252020 Chalk	0.5	2.2	0.2
UL251800 Dolomite	0.2	-4.0	0.2
Total	15.0	2.8	0.1

## C1.12 Concrete and plaster products for construction

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL681099 Pipes and other articles, of cement, concrete	4.5	11.4	1.6

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UL681091 Prefabricated cement, concrete or artificial stone	2.0	1.4	0.3
UL681019 Concrete tiles, concrete	1.2	-0.6	0.5
UL681011 Building blocks and bricks of cement, concrete	0.6	-0.7	0.2
UL680990 Articles of plaster or of compositions based on plaster, nes	0.2	-6.0	1.1
UL680910 Plaster products for construction	1.6	0.7	0.2
Total	10.1	4.5	0.4

## C1.13 Bricks

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL690B00 Roofing tiles, pipes and other ceramic products for the construction industry	0.7	-1.2	0.3
UL690400 Ceramic building bricks, hollow flat blocks and the like in ceramics	1.1	5.8	0.2
Total	1.8	2.8	0.2

## C1.21 Doors and windows

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL940600 Prefabricated buildings of wood, iron or steel, or other material	8.4	4.2	2.3
UL761010 Doors and windows and their frames and thresholds, of aluminum	3.7	4.7	5.6
UL730830 Doors and windows and their frames of iron and steel	3.3	2.9	3.7
UL441820 Doors and their frames and thresholds, of wood	3.2	1.5	2.5
UL441810 Windows, French-windows and their frames, of wood	1.8	0.5	5.0

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UL392500 Doors, windows, shutters of plastics	4.3	5.2	4.1
Total	24.6	3.6	3.1

## C1.22 Plastic products for the building industry

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL392590 Accessories and seals for buildings intended to be permanently attached	5.4	4.6	3.0
UL392510 Tanks, ... and similar containers, of a capacity > 300 l, of plastics	0.8	5.9	3.2
Total	6.3	4.8	3.0

## C1.23 Floors

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL690C00 Ceramic flags and paving (hearth or wall tiles)	17.3	2.8	0.3
UL590400 Linoleum flooring	0.2	13.0	2.1
UL441870 Hardwood Floors	2.3	2.5	2.8
UL391800 Floor coverings of plastics	9.6	10.6	1.8
Total	29.4	5.1	0.5

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL732429 Baths of steel sheet	0.2	-0.9	2.8
UL732421 Bathtubs cast iron, whether or not enamelled	0.0	-5.9	2.1

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UL732410 Steel sinks	1.2	3.6	7.0
UL6910A0 Ceramic sanitary fixtures	8.2	13.3	2.8
UL392200 Flushing cisterns and other items for the bathroom in plastic	3.8	4.2	5.1
Total	13.5	9.1	3.4

## C1.25 Doors and safe deposit boxes

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL830300 Doors and safe deposit boxes	0.9	-1.6	2.6
Total	0.9	-1.6	2.6

## C1.26 Plumbing

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL848180 Plumbing	46.1	1.8	16.4
Total	46.1	1.8	16.4

## D1 Electronic Parts

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL854190 Parts of diodes, transistors and similar semiconductor devices	7.6	-0.6	49.6
UL854160 Mounted piezo-electric crystals	6.6	-4.1	532.9
UL854150 Semiconductor devices, n.n.a.	2.8	-2.2	318.6
UL854140 Photovoltaic and led panels	52.6	1.4	17.1
UL854130 Thyristor, triac and diac	1.1	-4.2	126.6
UL854120 Transistors	25.2	5.7	239.4
UL854110 Diodes	11.1	4.1	149.3
UL8540B0 Electronic valves and tubes	0.8	0.8	285.6
UL8540A0 Cathode-ray tubes for TVs and tubes for cameras	0.4	-6.1	424.3
UL854099 Parts of lamps, tubes and valves hot cathode	0.1	0.3	143.3
UL854091 Parts of cathode ray tubes, n.n.a.	0.0	21.5	486.3
UL853400 Printed Circuit Boards	41.9	0.0	81.6
Total	150.2	1.3	38.0

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL854290 Parts of integrated circuits and micro assemblies	15.3	-2.3	95.8

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UL854239 Electronic integrated circuits excl. Processors	228.8	7.6	586.6
UL854233 Amplifiers in the form of an integrated electronic circuit	14.6	8.1	709.5
UL854232 Memories in the form of integrated multichips	173.3	12.1	637.5
UL854231 Processors or control	286.6	11.3	542.6
UL852380 Discs for gramophones and other media for the recording of sound or of other phenomena	1.0	-9.6	41.5
UL85235A USB sticks and other media for data storage	34.8	16.2	460.6
UL847350 Electronic assemblies designed to most types of machines	0.6	-11.5	77.7
UL847330 Electronic assemblies and parts for computers	114.1	6.5	95.0
UL844399 Parts and accessories of photocopying apparatus	35.5	-4.8	35.5
Total	904.6	8.7	245.9

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL853230 Variable or adjustable capacitors	0.3	7.4	72.2
UL853229 Fixed capacitors	2.0	3.8	54.1
UL853225 Capacitor Dielectric of paper or plastics	1.4	0.9	22.7
UL853224 Dielectric ceramic capacitors, multi-layer	16.9	10.1	184.8
UL853223 Capacitor dielectric ceramic, with a single layer	0.6	-3.6	63.0
UL853222 Aluminum Electrolytic Capacitors	4.6	1.3	31.3

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UL853221 Tantalum electrolytic capacitors	1.6	-3.1	328.7
UL853210 Fixed capacitors for use in 50/60 Hz with power > 0.5 kvar	0.6	-0.3	18.3
Total	27.9	5.9	72.4

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL901390 Parts and accessories of instruments for fitting to arms	6.0	-9.5	162.5
UL901380 Liquid crystal devices	31.3	-10.1	47.4
UL901320 Lasers	7.3	12.1	426.2
UL901310 Telescopic sights for fitting to arms; periscopes	0.8	2.7	295.4
UL852990 Parts for TV	50.0	1.1	56.6
UL852910 Aerials and aerial reflectors	4.5	-3.4	39.0
UL852290 Parts and accessories of apparatus for recording and reproducing apparatus	1.3	-20.4	46.7
UL852210 Readers phonographic	0.0	-2.0	180.8
UL851890 Parts of microphones	3.4	-1.3	31.5
UL851770 Parts of electrical apparatus for line telephony or line telegraphy	110.6	-3.4	142.7
Total	215.2	-3.6	82.0

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL903300 Parts and accessories of measuring instruments	2.8	0.9	77.2
UL903290 Parts and accessories of instruments and apparatus, regulating or controlling	4.5	-2.3	67.1

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UL903190 Parts and accessories for instruments, appliances and machines for measuring or checking, nes	7.3	2.6	130.3
UL903090 Parts and accessories of instruments for measuring / checking electrical quantities	6.6	4.5	284.3
UL902990 Parts and accessories for revolution	1.3	-1.8	94.6
UL902890 Parts and accessories for gas meters, liquid or electricity, nes	1.7	-3.3	24.8
UL902790 Microtomes and polarimeters	8.3	-3.3	152.6
UL902690 Parts and accessories for instruments and apparatus for measuring or checking the flow	3.8	1.5	77.9
UL902590 Parts and accessories for hydrometers	1.3	5.4	70.1
UL902490 Parts and accessories for machines and appliances for testing of materials, nes	0.4	-0.3	106.5
UL901790 Parts and accessories for drawing instruments	0.1	-4.2	30.9
UL901590 Parts and accessories for instruments and appliances used in geodesy	2.3	3.2	112.2
UL901490 Parts and accessories for compasses and other navigational instruments and appliances	1.3	-2.6	328.8
UL901290 Parts and accessories of microscopes, nes, and of diffraction	0.4	-6.5	454.0
Total	42.0	0.2	101.0

### D1.41 Magnetic and optical media storage

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL852340 Optical media, not recorded	10.3	-6.9	77.6
UL852329 Magnetic media, not recorded	3.8	-2.5	82.8

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UL852321 Cards with a magnetic stripe	0.2	-4.6	32.0
Total	14.2	-5.8	77.1

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## D2 Mechanical and Optical Components

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL847490 Parts of machinery for working stones and minerals	5.8	1.0	5.1
UL843699 Agricultural machinery for farming	1.3	4.2	9.0
UL843691 Parts of machinery for the poultry industry	0.4	-2.9	6.5
UL843490 Parts of milking machines and equipment for the dairy industry	0.8	3.2	29.8
UL843390 Parts of harvester and threshers	4.9	3.1	8.7
UL843290 Parts of agricultural machinery for tillage	2.5	3.9	5.2
UL843149 Parts of cranes	18.0	0.1	5.4
UL843143 Parts for boring or sinking	7.5	-5.2	14.4
UL843142 Blades of bulldozer	0.1	-5.2	2.8
UL843141 Cups and buckets for earth moving machines	1.6	1.1	4.7
Total	42.9	-0.2	6.5

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL870990 Parts of works trucks	0.3	-6.2	13.3
UL851590 Parts of machinery for soldering, brazing or welding	2.5	-4.8	38.3
UL848690 Other parts and accessories of machine tools	24.8	14.7	91.0
UL846890 Parts of machines and apparatus for welding	0.3	-1.6	22.3
UL846694 Parts for machine tools for working metal without removing	2.7	-4.2	22.6
UL846693 Parts of machine tools working by removing metal	4.7	-3.1	30.2
UL846692 Parts of machine tools for woodworking	1.4	2.9	16.1
UL846691 Parts of machine tools for working stone	0.6	-4.3	30.1
UL846630 Dividing heads and other special	0.6	0.7	37.2
UL846620 Holders for machine tools	1.3	-2.8	30.5
UL846610 Tool holders for machine tools and hand tools	2.2	-1.8	52.9
UL845590 Parts of metal-rolling mills, n.n.a.	1.6	6.9	11.5
UL845530 Rolls for rolling metal	1.5	2.9	3.6
UL845490 Parts of converters, ladles, ingot molds	1.0	-0.8	14.6
UL843139 Parts of equipment for material handling in rolling mills	7.2	4.3	10.3
UL843131 Parts of lifts, skip hoists or escalators	4.2	0.7	7.2
UL843120 Parts of forklift	4.3	0.1	7.1
UL843110 Parts of hoists, winches, winches, jacks and hoists	1.1	-4.8	10.5
UL842390 Weights for scales of all kinds	0.7	-1.6	36.1

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

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UL842099 Parts of calendaring or other rolling machines	0.2	10.4	23.8
UL842091 Cylinders for calendaring or other rolling	0.3	-2.0	10.6
Total	63.5	4.3	18.0

## D2.23 Parts of machinery for light industry

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL848790 Other parts	5.9	4.2	16.6
UL848490 Sets or assortments of gaskets and similar joints, dissimilar in composition	1.5	0.8	45.9
UL848420 Mechanical seals	2.4	1.9	72.1
UL848410 Gaskets of metal	1.9	-1.5	27.0
UL847990 Parts of machines and mechanical appliances n.n.a.	17.1	4.0	24.8
UL847890 Parts of machines and apparatus for processing tobacco	0.5	-2.2	76.8
UL847790 Parts of machinery for extrusion	6.0	-0.2	28.8
UL847690 Parts of machines for the sale of products	0.4	-11.7	30.2
UL847590 Parts of machines for assembling lamps	2.8	7.1	92.9
UL845390 Parts of machinery for working leather	0.2	-3.1	21.7
UL845290 Parts of sewing machines, n.n.a.	0.7	-3.4	21.5
UL845230 Needles for sewing machines	0.2	-4.9	34.1
UL844859 Parts and accessories for knitting machines	0.3	-8.5	33.3
UL844851 Sinkers, needles and other articles used in forming stitches	0.3	-8.4	108.0

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UL844849 Parts and accessories of weaving machines or of their auxiliary machinery	0.5	-6.9	28.0
UL844842 Reeds for looms, healds and heald-frames, looms for weaving	0.1	-5.8	28.3
UL844839 Parts and accessories for spinning	0.5	-8.1	26.0
UL844833 Spindles, spindle flyers, spinning rings and ring, for machines of heading 8445	0.1	-11.8	36.3
UL844832 Parts and accessories of machines for preparing textile fibers, nes	0.2	-3.3	26.6
UL844831 Card clothing for preparing textile fibers	0.1	-0.3	17.8
UL844820 Parts and accessories of machines for spinning "extrusion"	0.4	-2.6	38.3
UL844391 Parts and accessories of printing machinery used for printing	1.9	-5.1	32.5
UL844250 Printing plates or cylinders	0.5	-15.8	14.7
UL844240 Parts of machineries, apparatus and equipment for founding or characters	0.2	-9.8	42.4
UL844190 Parts of machines and apparatus for processing paper pulp	1.4	0.5	32.4
UL844090 Parts of machines and apparatus for bookbinding, nes	0.2	-2.3	57.9
UL843999 Parts of paper making machines	1.6	1.7	16.8
UL843991 Parts of machinery for making pulp paper	0.7	9.2	20.3
UL843890 Parts of machinery of heading 84.38	2.8	-0.8	27.5
UL843790 Parts of machinery of heading No. 84.37	0.5	-3.3	9.7
UL843590 Parts of presses, crushers	0.1	-1.6	24.0
UL842490 Parts of fire extinguishers, spray guns and similar appliances	4.6	1.8	16.8

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	5.8	0.9	47.3
UL842290 Parts of packaging machinery			
UL842199 Parts of apparatus for filtering or purifying liquids or gases, nes	13.3	4.5	18.3
UL842191 Parts of centrifuges, incl. centrifugal dryers, n.a.	1.0	7.6	54.1
Total	76.8	1.7	24.4

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL848190 Parts of taps and valves	14.2	0.4	18.5
UL841490 Parts of pumps for air or vacuum	12.4	-2.6	16.7
UL841392 Parts of liquid elevators, n.n.a.	0.1	-5.1	20.9
UL841391 Parts of pumps for liquids, n.n.a.	12.4	-0.8	18.2
UL841290 Parts of fluid power equipment	8.1	8.2	13.3
UL841199 Parts of gas turbines, n.n.a.	16.5	-3.1	129.4
UL841090 Parts of turbines and water wheels (including regulators)	0.6	-9.7	14.7
UL840690 Parts of steam turbines	2.2	-11.0	40.5
UL840590 Parts of gas generator	0.1	-7.5	36.5
UL840490 Parts of boilers and steam engines	0.5	-8.2	14.0
UL840390 Parts of boilers for central heating	1.8	1.0	10.5
UL840290 Parts of boilers and steam boilers "superheated water", nes	2.0	-5.7	9.1
UL840140 Parts of nuclear reactors	0.2	-13.1	80.1
Total	71.2	-1.4	20.5

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL920999 Parts and accessories for musical instruments	0.4	-1.4	25.1
UL920994 Parts and accessories of electronic musical instruments	0.5	9.0	27.4
UL920992 Parts and accessories for string musical instruments (without keyboard), nes	0.2	0.1	26.9
UL920991 Parts and accessories for pianos, n.n.a.	0.1	1.2	10.6
UL920930 Musical instrument strings	0.2	3.4	64.4
UL871499 Other parts and accessories of cycles	4.0	2.5	16.2
UL871496 Pedals and crank-gear, and parts thereof, of bicycles	0.8	0.1	16.8
UL871495 Bicycle saddles	0.3	2.0	10.4
UL871494 Brakes and parts thereof, of bicycles	1.2	6.1	18.8
UL871493 Hubs for bicycles	0.7	6.3	20.7
UL871492 Wheel rims and spokes of bicycles	0.4	1.0	9.2
UL871491 Frames and forks, and parts thereof, of bicycles	2.4	4.7	24.5
UL871420 Parts and accessories for wheelchairs and other similar vehicles for disabled persons, nes	0.8	0.6	15.0
UL851210 Electrical lighting for bicycles	0.4	4.3	29.9
UL847340 Electronic assemblies and parts for franking machines and other office	1.9	-6.2	39.7
UL847329 Electronic assemblies and parts for cash registers	1.1	-1.8	40.7
UL847321 Electronic assemblies and parts for calculators	0.2	-27.2	51.5
Total	15.6	0.4	20.4

## D2.68 Parts for photo-optical devices

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL901190 Parts and accessories of optical microscopes, n.n.a.	0.5	-5.8	141.2
UL901090 Parts and accessories of apparatus and equipment for photographic or cinematographic laboratories	0.1	-14.6	46.2
UL900890 Parts and accessories for projectors	0.0	-13.1	38.0
UL900792 Parts and accessories for projectors, n.n.a.	0.0	-25.9	119.0
UL900791 Parts and accessories for cameras, n.n.a.	0.2	-12.8	132.0
UL900699 Parts and accessories for the production of flashes of light in photography, nes	0.2	-13.3	59.6
UL900691 Parts and accessories of photographic equipment, nes	0.8	-16.7	67.9
UL900590 Parts and accessories of binoculars, monoculars, other optical telescopes	0.2	0.8	102.4
UL900290 Lenses, prisms, mirrors and other optical elements, mounted	2.6	5.2	224.6
UL900220 Optical filters, for instruments or apparatus, provided with frame	0.5	6.1	203.7
UL900219 Objectives for non-photographic	5.5	5.8	511.0
UL900211 Mounted objective lenses, of any material	3.7	-4.9	403.0
UL900190 Lenses, prisms, mirrors and other optical elements (not mounted)	7.2	3.6	115.5
UL900120 Polarizing material in sheets or slabs	6.5	2.5	46.9
Total	28.0	0.9	107.5

## D2.73 Parts for household appliances

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL851690 Parts of water heaters and immersion heaters	3.6	1.6	11.5
UL851680 Electric heating resistors	3.8	3.2	27.9
UL851490 Parts of industrial electric furnaces	1.0	-0.4	25.2
UL851090 Parts for shavers	0.7	7.6	61.1
UL850990 Parts of electromechanical devices	1.3	3.4	15.6
UL850870 Vacuum cleaner parts, including idropulitori and dry cleaners, nec	1.1	5.1	11.6
UL845190 Parts of machinery for washing, cleaning, wringing fabrics nes	0.7	-3.2	17.0
UL845090 Parts of machines for washing clothes, nes	1.5	0.3	7.1
UL841899 Parts of refrigerators and freezers	5.4	-0.7	9.1
UL841891 Furniture designed to receive an apparatus for the production of cold	0.1	-1.6	5.9
UL841790 Parts of non-electric industrial furnaces	1.6	-0.7	11.3
UL841690 Parts of furnace burners	0.8	-2.2	30.0
UL841590 Parts of air conditioners	16.4	3.4	10.8
UL841430 Compressors for refrigeration equipment	10.9	-2.5	6.9
UL732190 Parts of cooking appliances and plate warmers, of iron or steel	1.3	1.6	3.8
Total	50.2	0.9	9.8

## D2.74 Parts and components of watches

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL91B000 Watch cases and parts thereof	0.9	-11.8	164.2
UL91A000 Watch movements, complete and assembled	0.8	-12.3	255.2

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UL911400 Other clock or watch	1.5	-9.3	160.7
UL911019 Rough watch or clock movements	0.0	-11.7	511.9
UL911000 Clock movements unmounted	0.2	-13.3	186.6
Total	3.3	-11.0	179.4

## D2.75 Parts for engines

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL840999 Parts of diesel engines	23.6	-3.6	14.9
UL840991 Parts of internal combustion engines	22.2	-5.3	14.0
Total	45.8	-4.4	14.4

## D2.76 Parts of electromechanical tools, manuals

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL846799 Parts of tools for working in the hand	2.6	7.9	16.4
UL846792 Parts of pneumatic tools operated by hand	0.4	-4.9	30.7
UL846791 Parts of chain saws	0.6	1.5	13.8
Total	3.7	4.8	16.8

## D3 Components for Vehicles

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL870600 Chassis fitted with engines, for motor vehicles	2.0	-8.1	5.8
UL841480 Turbo-compressors, one-celled	16.6	-0.9	14.5
UL841330 For fuel injection pumps	10.0	-3.1	22.5
UL840820 Diesel engines for vehicles	19.9	-8.0	11.1
UL84073A Engines, internal combustion engine capacity $\leq 250 \text{ cm}^3$	0.5	-2.0	11.1
UL840734 Engines, internal combustion engine capacity exceeding $1\,000 \text{ cm}^3$	24.1	-4.3	13.9
UL840733 Engines, internal combustion engine capacity $> 250 \text{ cm}^3$ but $\leq 1.000 \text{ cm}^3$	2.2	13.4	14.2
Total	75.4	-4.3	13.3

### D3.12 Batteries and accumulators

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL8507A0 Electric accumulators, nickel	0.6	-7.7	20.6
UL850780 Other electric accumulators	41.5	23.1	36.9
UL850720 Other lead-acid electric accumulators	6.0	1.4	3.2

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UL850710 Lead-acid accumulators for starting engines	9.0	4.8	2.4
Total	57.1	15.5	8.4

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL871690 Parts of trailers and semi-trailers, chassis	6.9	0.4	3.0
UL870829 Body parts for tractors and special vehicles	54.1	-2.7	6.1
UL870810 Bumpers and parts thereof	5.5	-1.9	10.7
UL870790 Bodies of tractors	3.3	-4.3	8.2
UL870710 Bodies for motor vehicles for the transport of persons	2.4	-8.5	8.8
Total	72.2	-2.6	5.9

### D3.14 Parts of batteries and accumulators

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL850790 Parts of electric accumulators	4.5	12.4	11.4
UL850690 Parts of primary cells and primary batteries	0.3	2.4	20.3
Total	4.8	11.6	11.7

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL854430 Electrical cables for transport	30.2	-1.5	19.7

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UL853929 Filament lamps for motorcycles or other motor vehicles	0.6	-12.8	22.0
UL853910 Sealed beam headlamps (sealed)	0.3	-11.5	19.2
UL851290 Parts of electrical lighting or signaling	6.7	-0.2	21.0
UL851240 Wipers	0.7	-9.9	12.0
UL851230 Electrical equipment for acoustic	0.9	-5.7	23.1
UL851220 Electrical lighting for cars	14.5	-3.3	28.1
UL851190 Parts of appliances and electrical ignition or starting	2.5	-3.2	13.1
UL851180 Appliances and Electrical ignition or starting	0.8	-5.1	45.7
UL851150 Generators, for engines with spark ignition	3.9	-6.0	11.5
UL851140 Starters for engines with spark ignition	3.7	-3.5	11.8
UL851130 Distributors and ignition coils for spark ignition engines	1.4	-5.0	20.6
UL851120 Magnets, magneto-dynamos, magnetic flywheels, for spark ignition engines	0.1	-1.1	17.6
UL851110 Spark plugs for engines with spark ignition	2.3	1.2	35.8
Total	68.6	-2.6	19.5

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL940120 Seats of a kind used for motor vehicles	2.0	1.1	10.5
UL870899 Parts and accessories n.n.a.	63.1	-3.7	7.0
UL870895 Airbags	7.2	-7.4	13.2
UL870894 Steering wheels, guide columns "columns" and steering boxes	14.8	-5.8	10.6

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UL870893 Clutches and parts thereof	7.7	-3.7	7.7
UL870892 Silencers and exhaust pipes	7.3	-1.3	11.3
UL870891 Radiators	4.7	-3.6	9.5
UL870880 Suspension shock-absorbers	14.3	-1.4	5.9
UL870870 Road wheels and parts and accessories	13.4	-4.3	3.8
UL870850 Axles with differential	16.4	-1.6	6.3
UL870840 Gearboxes	50.7	-2.0	13.3
UL870830 Brakes and servo brakes and brake parts	23.2	-3.2	5.2
UL870821 Safety belts for the protection of persons in motor vehicles	2.1	-0.9	13.3
UL842131 Air Filters	2.8	2.0	9.7
UL842123 Filters for oil	5.7	1.2	9.8
UL830230 Mountings, fittings and similar articles, of base metal, for motor vehicles	4.2	-4.8	7.5
UL830120 Locks of a kind used for motor vehicles, of base metal	2.3	-6.5	16.0
Total	242.0	-3.1	7.6

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL910400 Instrument panel clocks and the like, for vehicles	0.1	-16.2	133.9
UL852720 Car audios	4.8	-11.1	75.3
UL841520 Air conditioners for vehicles	1.5	-3.9	14.8
Total	6.3	-9.7	38.2

### D3.31 Engines and parts for ships

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL848710 Ships' or boats' propellers and blades thereof	0.6	-9.4	15.2

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UL840790 Engines, spark-ignition "internal combustion engines"	2.3	-0.2	9.1
UL840729 Engines, internal combustion engines for the propulsion of ships	0.2	-11.5	23.9
UL840721 Outboard motors for marine propulsion	2.3	0.8	30.7
Total	5.4	-1.5	14.4

### D3.32 Engines and other aircraft components

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL940110 Seats of a kind used on aircraft	1.1	-5.5	117
UL880390 Parts of spacecraft and launch	4.5	-5.6	326
UL880330 Parts of airplanes and helicopters	61.3	-9.2	317
UL880320 Carriages and parts thereof, for aircraft, nes	7.2	-6.6	200
UL880310 Propellers and rotors and parts thereof, for aircraft and helicopters	1.7	-3.5	279
UL841210 Reaction engines (excluding turbo)	0.2	-7.0	77
UL841191 Parts of turbo-jets or turbo-propellers	38.4	-3.2	735
UL841122 Turbo-propellers of a power > 1.100 kW	1.4	-5.6	659
UL841121 Turbo-propellers of a power <= 1.100 kW	0.7	-6.8	508
UL841112 Turbo-jets, thrust > 25 kN	33.1	8.7	1 258
UL841111 Turbo-jets, thrust <= 25 kN	0.6	-12.1	373
UL840910 Parts of internal combustion engines for aircraft	0.7	5.6	216
UL840710 Spark-ignition engines for aircrafts	2.7	15.8	229
Total	153.6	-4.2	427

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL860800 Material fixed signal and control	0.8	0.2	10.2
UL860799 Bushings, boxes, frames for rolling stock	3.5	1.2	18.3
UL860791 Parts of locomotives or rail locomotives, n.n.a.	0.9	2.8	15.5
UL860730 Hooks and other coupling devices, buffers, and parts thereof	0.8	4.1	9.0
UL860720 Brakes for rail vehicles	1.5	-0.3	13.0
UL86071A Swivel casters	0.8	-1.9	14.2
UL860719 Axles, assembled, wheels and parts	2.9	4.8	2.5
Total	11.1	1.9	6.4

### D3.41 Parts for motorcycles

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL871419 Parts and accessories for motorcycles, n.n.a.	7.4	3.4	17.8
Total	7.4	3.4	17.8

### D3.51 Tires and air chambers

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL401300 Inner tubes, of rubber	0.9	-1.1	3.0
UL401290 Solid or cushion tires	1.0	-3.4	3.0
UL401212 Retreaded tires for buses and trucks	0.3	1.5	2.3
UL401211 Retreaded tires for cars	0.0	-8.4	1.9
UL401210 Retreaded tires for other means	0.1	-11.8	4.4
UL401150 Rubber tires for bicycles	0.8	3.0	7.0
UL401140 Rubber tires for motorcycles	1.3	1.7	4.3

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UL401130 Tyres for aircraft	0.4	-7.8	18.2
UL401120 Tyres for buses or lorries	18.1	-1.4	2.7
UL401110 Tyres for cars	32.1	-1.8	3.9
UL401100 Tyres for agricultural machinery and earthmoving	11.9	11.9	3.6
UL400610 Strips for re-treading of tires	0.1	2.1	2.8
Total	66.9	0.2	3.4

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## D4 Electrotechnical

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL850450 Inductors and parts	9.9	-0.5	31.7
UL850440 Static Converters	57.3	5.8	29.4
UL850434 Dry-type transformers, power > 500 kVA	1.2	-2.4	5.9
UL850433 Dry-type transformers, power > 16 kVA but <= 500 kVA	0.9	-2.0	10.7
UL850432 Dry-type transformers, power > 1 kVA but <= 16 kVA	0.5	-2.7	14.7
UL850431 Dry-type transformers, power <= 1 kVA	4.4	-2.3	18.8
UL850423 Liquid dielectric transformers, having a power > 10.000 kVA	4.0	0.5	9.7
UL850422 Liquid dielectric transformers, having a power > 650 kVA but <= 10.000 kVA	1.4	4.0	5.7
UL850421 Liquid dielectric transformers, having a power <= 650 kVA	1.3	0.3	6.1
UL850410 Ballasts for discharge lamps or tubes	0.9	-16.4	19.0
UL850240 Electric rotary converters	0.1	-3.2	21.7
UL850239 Turbo-generators	3.1	-3.8	11.5
UL850231 Wind turbines	5.9	1.4	7.1
UL850220 Generating sets with internal combustion engine	3.3	7.9	8.6

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UL850213 Diesel generating sets, power > 375 kVA	3.7	-2.1	9.5
UL850212 Diesel generating sets, power > 75 kVA but <= 375 kVA	1.1	-4.2	6.6
UL850211 Diesel generating sets, power <= 75 kVA	1.4	-1.8	6.1
UL85016B Alternators, power > 75 kVA	3.5	0.3	8.6
UL85016A Alternators, power <= 75 kVA	0.8	-0.8	9.8
UL85015A AC motors, multi-phase: power <= 75 kW	9.0	1.2	10.7
UL850153 AC motors, multi-phase: power > 75 kW	4.3	7.9	10.3
UL850140 AC motors, single-phase	4.6	2.0	10.2
UL85013B DC motors and generators of power > 75 kW	0.6	-1.9	12.5
UL85013A DC motors and generators of a power <= 75 kW	11.3	4.8	19.3
UL850120 Universal AC/DC motors of an output > 37,5 W	0.9	-3.2	14.5
UL850110 Electric motors power <= 37,5 W	10.9	-1.6	21.5
Total	146.2	2.4	15.6

### D4.12 Electricity distribution and control apparatus

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL854460 Electrical cables for voltages > 1000 V	6.2	3.5	5.2
UL853590 Electrical components for a voltage > 1.000 V	2.9	-0.5	25.8
UL853540 Lightning arresters, voltage limiters, for a voltage > 1.000 V	0.5	-1.9	22.3
UL853530 And-break switches, for a voltage > 1.000 V	1.6	-4.6	18.7
UL853529 Automatic circuit breakers for a voltage > 72,5 kV	0.6	-6.0	15.0

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UL853521 Automatic circuit breakers for a voltage > 1.000 V but < 72,5 kV	0.9	4.9	25.5
UL853510 Fuses and circuit breakers fuses, for a voltage > 1.000 V	0.3	0.6	25.9
Total	12.9	0.7	8.6

### D4.13 Switchboards

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL853720 Numerical control panels: 1000 V <voltage <= 72.5 kV	5.4	-2.1	19.7
UL853710 Numerical control panels: voltage <= 1000 V	49.7	2.7	50.0
Total	55.1	2.2	43.5

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL854320 Signal generators, electrical	1.3	7.1	228.0
UL854310 Particle accelerators for electrons	0.1	5.7	110.4
UL850590 Electromagnets	2.5	1.3	18.6
UL850520 Couplings, clutches and brakes	0.7	-2.6	20.8
Total	4.7	2.2	26.2

### D4.20 High voltage cables

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL7614A0 Cables, of aluminum, not electrically insulated	1.8	15.0	2.7
UL741300 Stranded wire, cables, plaited bands and the like, of copper	1.3	-1.8	6.3

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UL731300 Barbed wire of iron or steel; cords "torsades"	0.2	5.4	1.3
UL731290 Slings and similar articles, of iron or steel	0.4	2.2	5.0
UL731210 Stranded wire, ropes and cables, of iron or steel	4.8	-0.1	1.8
Total	8.5	2.2	2.3

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL900110 Cables of optical fiber bundles	1.8	0.2	72.2
UL854790 Insulating fittings of material other than ceramic and plastic	1.1	6.4	15.8
UL854690 Electrical insulators, plastic	1.2	-0.2	11.5
UL854590 Articles of graphite or other carbon, for electrical purposes	0.4	4.5	20.5
UL854520 Carbon brushes for electrical purposes	0.5	-3.8	43.4
UL854519 Electrodes of graphite or other carbon, for electrical purposes	1.2	7.7	11.0
UL854511 Electrodes of graphite or other carbon, of a kind used for furnaces	2.6	15.7	4.4
UL854470 Optical fiber cables of individually sheathed	5.7	2.0	13.1
UL854449 Electric conductors, for a voltage <= 80 V, isolated	22.0	0.5	5.5
UL854442 Electric conductors, for a voltage <= 1000V	28.0	2.7	20.2
UL854420 Coaxial cables	4.4	-3.5	11.6
UL854419 Winding wire for electricity, of any material other than copper, insulated	0.8	-2.5	8.2

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UL854411 Winding wire for electricity, copper, insulated	3.8	-0.6	7.2
UL853690 Electrical components for a voltage <= 1000 V	34.3	0.1	32.1
UL853670 Articles of copper, n.n.a. Connectors for optical fibers	1.4	1.8	24.4
UL853669 Plugs and sockets for a voltage <= 1000 V	15.4	1.6	29.9
UL853661 Lampholder: voltage <= 1000 V	0.4	-5.7	10.2
UL853650 Switches and switches, voltage <= 1000 V	16.2	-1.0	45.1
UL853649 Relays for a voltage > 60 V but <= 1000 V	3.8	-1.6	43.4
UL853641 Relays for a voltage <= 60 V	3.6	-3.0	40.9
UL853630 Apparatus for protecting electrical circuits, voltage <= 1 000 V	4.0	3.5	39.3
UL853620 Automatic circuit breakers, voltage <= 1000 V	6.9	3.4	26.2
UL853610 Fuses and circuit breakers fuses, for a voltage <= 1000 V	2.2	0.0	30.7
UL853340 Rheostats and potentiometers	3.2	-0.7	69.8
UL853330 Variable resistors	0.1	-7.7	71.6
UL853329 Fixed resistors for a power handling capacity > 20 W	0.8	2.0	40.8
UL853321 Fixed resistors for a power <= 20 W	4.3	3.0	64.9
UL853310 Fixed carbon resistors, composition or film types	0.4	0.2	49.0
Total	170.8	0.9	16.3

#### D4.32 Lamps and parts of light fittings

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL940599 Parts of lamps and lighting	3.4	0.5	10.1

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UL940592 Plastic parts for lamps, lighting fittings and illuminated signs and name-plates	0.7	5.9	11.3
UL940560 Illuminated signs, illuminated signs, illuminated name-plates and the like	0.8	-6.1	14.6
UL853990 Parts of lamps and filament or discharge	0.6	-7.0	17.7
UL853949 Lamps and ultraviolet or infrared	0.9	4.3	52.4
UL853941 Arc lamps	0.5	-2.7	269.5
UL853939 Lamps and discharge tubes	0.3	-16.6	62.7
UL853932 Mercury or sodium vapour lamps; metal halide lamps	0.5	-17.3	59.2
UL853931 Lamps and fluorescent tubes hot cathode	0.9	-22.9	7.0
UL853922 Bulbs, power <= 200 W, voltage > 100 V	0.4	-9.3	10.5
UL853921 Tungsten halogen lamps	1.1	-14.7	31.0
UL851390 Parts of portable electric lamps	0.1	-1.1	26.8
Total	10.2	-7.9	14.1

#### D4.41 Parts for electrical equipment

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL854890 Other electrical parts of machinery or equipment	5.2	2.7	69.2
UL854720 Insulating fittings of plastics	3.2	-1.5	21.4
UL854390 Parts of machines and apparatus, having individual functions	8.6	-0.4	67.8
UL853890 Parts of electricity electrical circuits	25.7	-0.5	26.9
UL853810 Boards, panels, consoles	3.3	2.5	9.0
UL853390 Parts of electrical resistors, rheostats and potentiometers	0.3	-12.2	42.4

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UL853290 Parts of electrical capacitors	0.8	1.1	35.0
UL853190 Parts of electric sound or visual signaling, nec	3.0	-6.7	37.5
UL853090 Parts of electrical signaling	0.7	-1.9	52.8
UL850490 Parts of transformers, inductors and parts	8.3	-2.8	20.6
UL850300 Parts suitable for electric motors and generators	16.4	1.8	10.1
Total	75.6	-0.3	19.7

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# E0 Packaged Food and Beverages

## E0.12 Oil, condiments and spices

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL220900 Vinegar and substitutes	0.7	5.3	1.0
UL210390 Preparations for sauces and prepared sauces and seasonings	9.8	6.1	2.2
UL210330 Mustard flour and meal and prepared mustard	0.3	0.8	1.5
UL210320 Salsa "Ketchup" and other tomato sauces	1.8	2.8	1.1
UL210310 Soy sauce	0.7	5.7	1.4
UL151790 Mixtures of animal and vegetable oils	3.6	3.5	1.3
UL151710 Margarine	1.2	-0.3	1.1
UL1514B0 Rape, colza and mustard oil	3.0	5.5	0.9
UL151219 Sunflower oil	3.8	6.7	0.9
UL151000 Olive oil, mixtures	0.3	-6.8	1.4
UL150990 Olive oil, refined	1.0	-4.3	2.4
UL150910 Olive oil, virgin	5.6	0.2	2.8
UL150890 Groundnut oil	0.1	4.4	1.5
UL150790 Soybean oil	1.5	5.7	0.8
UL090412 Pepe packed	0.3	-16.0	3.9
Total	33.7	3.4	1.4

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL040690 Other cheeses	17.2	3.6	4.3
UL040640 Blue-veined cheese	0.5	-0.1	6.5
UL040630 Processed cheese	2.5	2.5	4.0
UL040620 Grated cheeses or powder of all types	2.2	8.3	4.4
UL040610 Fresh cheese and dairy products	6.4	6.1	3.1
UL0405A0 Milkfat	1.9	2.0	4.2
UL040510 Butter	5.8	5.9	3.8
UL040390 Buttermilk, sour cream, kefir, etc.	1.7	2.8	1.3
UL040310 Yogurt	2.3	0.5	1.3
UL040290 Milk and cream, concentrated	2.4	4.5	1.2
UL040229 Sweetened milk powder: fat 1-6	0.4	7.1	2.9
UL040221 Milk powder unsweetened: fat 1-6	8.6	5.8	3.1
UL040210 Milk powder: less than 1	7.2	7.2	2.2
UL040130 Fresh milk: fat > 6	2.6	5.5	1.9
UL040120 Fresh milk: fat 1-6	4.3	1.6	0.5
UL040110 Fresh milk: less than 1	0.7	3.0	0.6
Total	66.7	4.5	2.1

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL190400 Prepared foods obtained by the swelling or roasting	6.2	3.0	2.2
UL190240 Couscous	0.2	6.2	1.1
UL190219 Durum wheat pasta	4.4	6.5	0.9
UL190211 Egg Pasta	0.5	3.1	1.6
UL190120 Flour for bread and biscuits	3.0	0.7	1.7
UL1104A0 Cereals for breakfast	1.6	8.6	0.6
UL100600 Rice, semi-milled and broken rice	19.3	3.8	0.5

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Total	35.1	3.9	0.7
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## E0.22 Meat and fish (processed and packaged)

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL210690 Food preparations n.n.a.	41.9	7.5	4.5
UL210420 Homogenized based mixed	0.4	1.8	3.5
UL210410 Soups and broths	2.5	3.2	2.1
UL200710 Homogenized fruit-based	0.5	7.5	2.3
UL200510 Homogenized vegetable-based	0.1	8.3	1.9
UL190230 Pasta, cooked or otherwise prepared	3.4	11.1	1.8
UL190220 Filled pasta	1.6	6.5	2.7
UL190110 Homogenized from cereals	10.4	5.9	6.9
UL160500 Prepared or preserved crustaceans	8.3	0.5	7.6
UL160430 Caviar	0.3	3.1	13.1
UL160400 Other prepared or preserved fish	15.8	6.6	3.9
UL1602B0 Hams and shoulders pig, cooked	1.3	-1.2	4.9
UL1602A0 Canned Meat	12.0	1.6	3.8
UL160210 Homogenized meat	0.1	4.0	3.2
UL160100 Sausages	4.8	5.0	3.8
UL0307B0 Prepared or preserved mollusks and other invertebrates	8.9	0.0	4.7
UL021090 Flours and meals meals of meat or meat offal	0.6	-8.4	2.2
UL021020 Meat of bovine animals, salted, dried or smoked	0.2	-0.2	10.5
UL021019 Meat of swine, salted, in brine, dried or smoked	2.0	0.5	5.8
UL021012 Bellies pork, salted, dried or smoked	0.5	4.8	5.4
UL021011 Hams and pork shoulder bone	0.3	1.8	6.5

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Total	116.0	4.8	4.2
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## E0.24 Vegetables and fruit (processed and packaged)

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL200899 Mixed fruit, prepared or preserved	3.7	4.2	2.1
UL200892 Mixtures of fruit, prepared or preserved	0.9	2.0	2.3
UL200891 Palm hearts, prepared or preserved	0.1	-1.6	1.8
UL200880 Strawberries, prepared or preserved	0.3	1.9	1.8
UL200870 Peaches, prepared or preserved	0.7	-1.0	1.0
UL200860 Cherries, prepared	0.2	0.9	1.9
UL200850 Apricots, prepared or preserved	0.1	-3.2	1.2
UL200840 Pears, prepared	0.1	-3.5	1.1
UL200830 Citrus fruit, prepared and preserved	0.6	-0.9	1.3
UL200820 Pineapples, prepared and preserved	0.9	-6.6	1.1
UL200819 Nuts, prepared or preserved	4.5	5.5	4.8
UL200811 Peanuts, otherwise prepared or preserved	1.7	1.7	2.1
UL200799 Fruit jams	2.3	1.6	1.6
UL200791 Jams made with citrus fruits	0.1	2.8	2.2
UL2005A0 Vegetables, prepared or preserved	3.6	3.9	1.6
UL200591 Bamboo shoots	0.2	-4.5	1.5
UL200580 Maize prepared and stored	1.0	4.6	1.2
UL200570 Olives, prepared	1.9	3.0	1.6
UL200490 Other vegetables, frozen	1.4	6.2	1.7
UL200300 Mushrooms and truffles, prepared or preserved	1.0	2.0	1.6
UL200290 Pureed tomatoes	2.9	0.1	0.8

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Products	Bn €	Cagr	€/Kg
UL200210 Tomatoes, prepared or preserved, whole or in pieces	1.3	4.4	0.8
UL200190 Vegetables pickled	1.3	1.3	1.5
UL200110 Cucumbers and gherkins, pickled	0.6	6.6	1.0
UL0813A0 Apples and other dried fruit	1.0	-0.4	3.9
UL081350 Mixtures of nuts or dried nuts of this chapter	0.3	-1.1	6.2
UL081320 Plums, dried	0.4	-2.6	2.2
UL081310 Apricots, dried	0.3	-1.9	2.5
UL081290 Other preserved fruit	0.1	2.4	1.6
UL081210 Cherries, preserved	0.1	-6.3	1.6
UL081190 Other fruit frozen	3.0	8.8	2.0
UL081120 Frozen raspberries	1.0	1.9	2.0
UL081110 Strawberries, uncooked or cooked, frozen	1.0	6.8	1.5
UL080620 Grapes, dried	1.5	-0.8	1.8
Total	40.3	2.7	1.6

### E0.31 Cookies and other bakery goods

Products	World Trade		
	Bn €	Cagr	€/Kg
UL190590 Snacks and festivity products	20.8	5.2	2.4
UL190532 Waffles and wafers	4.0	6.1	3.2
UL190531 Biscuits with added sweetening matter	7.2	1.3	2.3
UL190520 Gingerbread and "gingerbread", also containing cocoa	0.3	5.9	3.0
UL190500 Breadsticks, rusks, toasted bread and similar toasted products	1.2	5.7	2.3
Total	33.5	4.4	2.5

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

Products	World Trade		
	Bn €	Cagr	€/Kg
UL210500 Ice cream	3.8	5.0	2.6
UL200600 Candied fruit	0.5	1.7	2.8
UL180690 Chocolate in containers, in packages <2 kg	12.2	0.6	4.3
UL180632 Chocolate bars, not filled, in packs <2 kg	4.5	4.2	4.7
UL180631 Chocolate bars, filled, packed <2 kg	4.0	1.4	4.2
UL180610 Cocoa powder, sweetened	0.3	-0.4	2.8
UL170400 Candy & Sweets	9.5	-0.7	2.7
UL170199 Refined white cane or beet sugar, in solid form	9.8	-2.1	0.4
Total	44.7	0.4	1.2

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

Products	World Trade		
	Bn €	Cagr	€/Kg
UL210130 Extracts of coffee substitutes	0.1	0.3	3.2
UL210120 Essences and concentrates of tea or maté	1.0	3.1	7.7
UL210112 Coffee-based preparations	1.8	3.8	3.6
UL210111 Extracts, essences and concentrates of coffee	4.5	1.8	6.3
UL0902B0 Teabags	2.6	-1.6	7.9
UL090190 Coffee husks and skins	0.1	4.5	4.7
UL090100 Coffee (decaffeinated or roasted)	10.7	2.3	7.5
Total	20.9	1.8	6.6

### E0.41 Water and soft drinks

Products	World Trade		
	Bn €	Cagr	€/Kg
UL220200 Soft drinks	19.4	4.7	0.8
UL220100 Mineral water	3.3	0.3	0.3
UL2009A0 Other fruit and vegetable juices	3.5	2.8	1.5

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UL200990 Mixtures of fruit and vegetables	1.8	1.3	1.0
UL200970 Apple juice	1.9	-0.1	0.9
UL200960 Grape juice	0.6	0.6	1.0
UL200950 Tomato juice	0.1	4.3	0.6
UL200940 Pineapple juice	0.5	-9.3	0.8
UL200920 Grapefruit	0.2	0.3	1.4
UL200910 Orange juice	4.1	-2.3	0.9
Total	35.4	2.3	0.8

## E0.42 Alcoholic beverages

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL220890 Ethyl alcohol (<80 degrees) non-denatured	4.6	9.4	4.4
UL220870 Other liqueurs	2.5	-0.9	4.6
UL220860 Vodka	2.0	-3.6	3.0
UL220850 Gin and Juniper	1.1	5.0	4.9
UL220840 Rum and tafia	1.3	2.1	3.8
UL220830 Whisky	8.8	0.0	6.3
UL220820 Spirits of wine or grape marc	4.4	-1.5	12.0
UL220600 Cider and other fermented beverages	1.5	4.0	1.2
UL220500 Vermouth and other flavored wines	0.6	7.4	2.1
UL220430 Grape must	0.1	2.6	1.5
UL220429 Bulk wine	3.4	3.5	1.0
UL220421 Bottled wine	21.0	-0.4	3.6
UL220410 Sparkling wine	5.5	1.5	5.8
UL220300 Beer	13.0	1.6	0.8
Total	69.9	0.9	2.2

## E1 Consumer Packaged Goods

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL340500 Polishes and creams, for footwear, fur- niture, glass etc..	2.1	2.9	3.7
UL340220 Detergents	21.2	5.3	1.4
UL34010B Soap to wash	4.1	8.4	1.5
UL330700 Preparations for perfuming or deodor- izing rooms	3.0	5.6	4.8
Total	30.4	5.6	1.6

### E1.52 Paper products for household use

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL560120 Wadding, other articles of wadding	3.8	6.7	3.8
UL482369 Trays, dishes, paper cups	2.1	4.9	2.7
UL482361 Trays, dishes, bamboo	0.0	4.8	3.0
UL481840 Sanitary towels and tampons	13.7	0.3	3.4
UL481830 Tablecloths and serviettes	0.9	-4.5	2.5
UL481820 Handkerchiefs	4.4	4.0	1.8
UL481810 Toilet paper in rolls of a width <= 36 cm	3.9	5.0	1.6

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Total	28.8	2.4	2.6
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### E1.61 Pet food

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL230910 Pet food	15.2	10.2	1.7
Total	15.2	10.2	1.7

### E1.71 Cigarettes, matches, salt

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL481300 Cigarette paper	1.3	2.3	4.7
UL360500 Matches	0.1	-0.3	2.0
UL250100 Salt	2.9	2.8	0.2
UL240300 Other manufac- tured tobacco and manu- factured tobacco;	8.7	18.9	13.0
UL240200 Cigars and cigarettes, of tobacco or of tobacco substitutes	21.8	0.6	17.3
Total	34.8	4.2	2.4

### E1.72 Stationery and electric batteries

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL960990 Pastels, draw- ing charcoals, writing or drawing chalks and tailors	0.3	-1.6	3.8
UL960920 Mine for pen- cils or pencil	0.1	-6.4	10.5
UL960910 Pencils with sheath	0.9	-5.4	6.6
UL960890 Nibs and other parts of feathers	0.3	-8.1	17.4
UL960860 Refills for ball point pens	0.1	-1.8	42.1
UL960850 Assortments of most types of pens	0.1	-7.5	9.1
UL960840 Mechanical Pencils	0.2	-6.9	13.5

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UL960830 Pens	0.4	2.5	71.4
UL960820 Pens and felt tip markers or other porous	1.6	1.5	9.5
UL960810 Ball pens and pencils	2.0	-7.2	11.9
UL850680 Primary cells and primary batteries	0.5	-4.0	10.0
UL850660 Batteries and zinc-air batteries	0.3	6.7	45.3
UL850650 Batteries and lithium batteries	2.4	1.7	48.2
UL850640 Batteries and silver oxide batteries	0.2	-5.6	76.8
UL850630 Primary cells and primary batteries mercuric oxide	0.0	-28.7	3.7
UL850610 Primary cells and primary batteries manganese dioxide	3.8	3.5	5.1
UL821410 Paper knives, letter openers	0.2	-3.6	6.9
UL482390 Other paper and paperboard for writing	3.5	0.9	2.5
UL482370 Articles of paper obtained by pressing	0.9	6.6	1.6
UL482340 Paper with diagrams to chart recorders in rolls of a width ≤ 36 cm	0.1	2.7	4.2
UL482320 Filter paper and paperboard filter, in strips or rolls	0.8	1.7	5.1
UL4822A0 Drums, Bobbins	0.4	1.2	1.1
UL482090 Blotting pads and other articles of stationery for school	0.2	-4.0	4.0
UL482050 Albums for samples or for collections, of paper or cardboard	0.2	-5.4	5.3
UL482040 Blocks and booklets for multiple copies	0.0	-8.3	3.7
UL482030 Binders	0.5	-2.6	2.3
UL482020 Notebooks	0.4	0.8	1.8
UL482010 Registers, account books	2.0	-1.8	3.3
UL481730 Boxes, pouches, wallets and writing	0.2	-1.3	3.9

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UL481720 Letter cards	0.0	-9.3	7.9
UL481710 Envelopes of paper or paperboard	0.6	-0.7	2.1
UL401692 Erasers	0.1	-0.7	3.5
UL321300 Colors for school and leisure	0.7	6.1	4.3
Total	24.0	-0.3	4.2

## E1.81 Personal Care Products

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL34010A Soaps and soaps for cleaning the skin	8.7	11.3	2.3
UL330730 Perfumed bath salts for the bath	0.9	-2.0	2.8
UL330720 Personal deodorants	3.1	0.7	5.9
UL330710 Pre-shave, shaving or after-shave	0.8	-2.4	4.7
UL330690 Preparations for oral or dental hygiene	1.4	2.7	4.7
UL330620 Flossing	0.3	2.7	10.9
UL330610 Dentifrices, incl. those used by dental practitioners	3.7	3.7	4.2
UL330510 Shampoo	5.1	3.1	3.1
Total	24.2	4.9	3.1

## E2 Finished goods for the Person

### E2.11 Underwear and hosiery

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL6212A0 Garter belts, panty girdles and shapers	0.9	-3.2	28.3
UL621210 Brassieres	7.3	-4.6	35.7
UL620890 Dressing gowns fabric for women	0.8	-6.0	18.5
UL620820 Pajamas and nightgowns fabric for women	0.8	0.7	20.0
UL620810 Slips and petticoats, other than knitted or crocheted	0.1	-4.3	30.8
UL620790 Dressing gowns fabric for men	0.3	0.0	13.1
UL620720 Pajamas fabric for men	0.2	-5.3	14.8
UL620710 Briefs and pants, fabric for men	0.4	-6.7	16.5
UL6206A0 Blouses and shirt-blouses, wool and other textile materials for women	1.0	0.5	34.0
UL620640 Blouses and shirt-blouses, of synthetic, for women	4.4	-8.5	31.7
UL620630 Blouses and shirt-blouses, of cotton, for women	2.6	-11.6	35.5
UL620610 Blouses and silk blouses for women	0.5	-8.7	217.7
UL620590 Linen shirts or other textile materials, for men	1.1	-4.1	31.6

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UL620530 Shirts of man-made fibers, for men	1.4	-1.8	19.8
UL620520 Cotton shirts for men	6.4	-11.5	26.2
UL61159A Socks and socks, wool and other textile materials	0.4	-2.6	15.7
UL611596 Socks and stockings of synthetic fibers	2.9	0.4	11.1
UL611595 Socks and socks, cotton	3.9	-1.0	11.9
UL611530 Knee Socks for women, a fineness of less than 67 decitex	0.2	-8.2	18.1
UL611529 Panty hose and tights of other textile materials	0.5	-1.5	14.0
UL611522 Panty hose and tights of synthetic fibers, of title more than 67 decitex	0.4	-6.0	14.8
UL611521 Tights of synthetic fibers, fineness of less than 67 decitex	1.0	-6.0	21.1
UL611510 Graduated compression pantyhose and stockings	0.4	-0.6	35.7
UL610990 T-shirts and tank tops, knitted or crocheted, not cotton	10.0	-6.4	20.6
UL610910 T-shirts and tank tops, knitted or crocheted, of cotton	23.7	0.0	16.0
UL610890 Dressing gowns and bathrobes in knitted	1.4	-2.0	12.1
UL61083A Nightdresses and pajamas, knitted or crocheted, not cotton, for women	1.5	1.4	10.9
UL610831 Nightdresses and pajamas, knitted or crocheted, of cotton for women	1.4	-1.8	13.3
UL61082A Briefs and panties, knitted or crocheted, not cotton, for women	2.3	-4.2	28.8
UL610821 Briefs and panties, knitted or crocheted, of cotton for women	2.2	-3.3	19.8

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UL610810 Slips and petticoats, knitted or crocheted	0.1	-3.5	24.8
UL610790 Bathrobes, knitted or crocheted, for men	0.3	1.1	9.7
UL61072A Pajamas, knitted or crocheted, not cotton, for men	0.3	-2.3	8.9
UL610721 Pajamas, knitted or crocheted, of cotton, for men	0.6	-0.4	11.5
UL61071A Briefs and panties, knitted or crocheted, not cotton, for men	1.1	1.8	17.5
UL610711 Briefs and panties, knitted or crocheted, of cotton, for men	3.0	-1.5	17.0
UL6106A0 Underwear: not cotton T-shirts for women	1.6	-9.9	23.2
UL610610 Underwear: cotton shirts for women	1.3	-8.2	19.3
UL6105A0 Underwear: not cotton shirts for men	1.8	-3.7	21.8
UL610510 Underwear: cotton shirts for men	3.7	-4.8	23.2
Total	94.5	-4.1	18.9

*continues the previous table*

UL620461 Woven Pants for women, wool	0.3	-5.1	90.3
UL620460 Fabric trousers for women, no wool	7.9	1.1	23.8
UL620453 Skirts and divided skirts of synthetic fibers, for women	1.5	1.3	28.2
UL620452 Skirts and divided skirts, of cotton for women	1.1	-2.6	24.2
UL620450 Skirts and divided skirts for women, wool or other textile materials	0.9	1.1	42.3
UL620444 Dresses, of artificial fibers, for women	2.6	6.7	39.7
UL620443 Dresses, of synthetic fibers, for women	5.3	-2.0	37.1
UL620442 Dresses, of cotton, for women	3.0	3.5	32.1
UL620440 Dresses, of wool or other textile materials, for women	1.7	-2.7	64.6
UL620439 Cloth Jackets for women, of other textile materials	0.9	-6.2	39.8
UL620433 Cloth Jackets for women, of synthetic fibers	2.4	-7.1	25.8
UL620432 Cloth Jackets for women, of cotton	1.9	-3.9	20.9
UL620431 Cloth Jackets for women, of wool	0.5	-0.6	122.3
UL620419 Women's or girls 'suits', of other textile materials	0.1	-4.4	23.3
UL620413 Women's or girls 'suits', of synthetic fibers	0.1	-14.7	21.2
UL620412 Women's or girls 'suits', of cotton	0.1	-5.3	26.4
UL620411 Women's or girls 'suits', of wool or of fine animal hair	0.0	8.6	88.0
UL6203A0 Sets for Men	0.6	-2.0	14.1
UL620342 Type pants jeans for men	17.1	-5.7	18.3
UL620341 Pants in wool fabric for men	0.5	-10.8	58.6
UL620340 Non-woven woolen trousers for men	7.3	0.8	22.6
UL62033A Non-woven woolen jackets for men	4.1	-2.8	27.2
<i>continued on next col./page</i>			

## E2.13 Outerwear

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL6B0000 Unwoven, felt or coated garments	11.2	6.6	12.8
UL630900 Worn clothing and other worn articles	3.2	-0.5	0.8
UL6211A0 Tracksuits, not knitted or crocheted	1.1	-8.6	36.8
UL621112 Fabric swimwear for women	0.2	2.6	35.0
UL621111 Fabric swimwear for men	0.5	5.2	29.5
UL620900 Garments not knitted for babies	1.7	-5.9	21.7
UL6204A0 Fabric sets for women	0.6	4.4	20.0
UL620462 Type trousers jeans for women	13.4	-6.6	17.5
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<i>continues the previous table</i>			
UL620331 Jackets, in wool fabric, for men	0.9	-12.6	86.7
UL62031A Men's or boys, not wool, for men	0.7	-6.4	24.4
UL620311 Ensembles, of wool or fine animal hair, for men	0.8	-15.4	88.7
UL62029A Anoraks, jackets and the like, of wool or other textile materials, for women	0.3	-4.5	50.1
UL620293 Windbreakers, of synthetic fiber, for women	6.3	-1.7	29.2
UL620292 Anoraks, jackets and similar articles, of cotton, for women	1.1	1.5	19.8
UL620219 Overcoats, raincoats, of other textile materials, for women	0.2	-4.9	51.5
UL620213 Overcoats, raincoats, of synthetic fiber artificial, for women	3.4	3.3	29.4
UL620212 Overcoats, raincoats, of cotton, for women	0.6	-9.9	35.5
UL620211 Overcoats, raincoats, of wool or of fine animal hair, for women	1.3	-3.0	66.7
UL62019A Jackets, of wool or other textile materials, for men	0.4	-3.5	53.0
UL620193 Windbreakers, of synthetic fiber, for men	6.8	0.1	30.5
UL620192 Anoraks, jackets and similar articles, of cotton, for men	1.2	-1.1	20.6
UL620119 Overcoats, raincoats, of other textile materials, for men	0.2	0.8	35.9
UL620113 Overcoats, raincoats, of synthetic fiber artificial, for men	1.6	7.2	29.3
UL620112 Overcoats, raincoats, of cotton, for men	0.4	-6.2	31.7
UL620111 Overcoats, raincoats, of wool or fine animal hair, for men	0.5	-4.4	55.7
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UL611400 Other garments, knitted	5.4	-0.6	19.8
UL6112A0 Track suits, knitted or crocheted	0.9	2.5	20.4
UL611240 Women's swimwear	2.4	-2.5	35.3
UL611230 Men's swimwear	0.2	-3.2	28.1
UL611100 Knitted garments for babies	5.7	-2.7	17.6
UL611090 Sweaters and golf, of other textile materials	1.3	-8.8	28.6
UL611030 Sweaters and golf, synthetic fiber	16.4	-3.2	17.8
UL611020 Sweaters and golf, of cotton	18.4	2.1	19.7
UL61101A And golf sweaters, woolen	3.3	-2.5	63.1
UL611012 Sweaters and golf, Kashmir	1.3	0.8	180.1
UL61046A Pants, knitted or crocheted, not cotton, for women	7.5	3.7	19.2
UL610462 Pants, knitted or crocheted, of cotton for women	5.7	2.4	15.2
UL610450 Skirts and divided skirts, knitted or crocheted, for women	1.2	-9.6	19.8
UL61044A Dresses, knitted or crocheted, of wool or other textile materials, for women	0.4	-9.9	38.4
UL610444 Dresses, knitted or crocheted, of artificial fibers, for women	1.1	-9.0	26.6
UL610443 Dresses, knitted or crocheted, of synthetic fibers, for women	2.9	-6.7	22.0
UL610442 Dresses, knitted or crocheted, of cotton, for women	2.4	2.5	20.1
UL61043A Jackets, knitted or crocheted, not cotton, for women	1.1	-12.3	19.6
UL610432 Jackets, knitted or crocheted, of cotton for women	0.8	-15.0	17.0
UL610420 Sets, knitted	0.6	2.2	13.2
UL610410 Women's or girls' suits "in knitted	0.2	2.7	24.6
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UL61034A Pants, knitted or crocheted, not cotton, for men	3.4	1.4	18.3
UL610342 Pants, knitted or crocheted, of cotton, for men	3.7	7.0	15.5
UL61033A Jackets, knitted or crocheted, not cotton, for men	0.7	-8.7	21.1
UL610332 Jackets, knitted or crocheted, of cotton, for men	0.7	-7.9	17.1
UL61032A Sets, knitted or crocheted, not cotton, for men	0.2	-9.2	12.1
UL610322 Sets, knitted or crocheted, of cotton, for men	0.2	-5.4	12.9
UL610310 Men's or boys, knitted or crocheted, for men, excl. tracksuit	0.1	-2.6	27.3
UL6102A0 Jackets, knitted or crocheted, not cotton, for women	1.9	2.2	21.4
UL610220 Jackets, knitted or crocheted, of cotton for women	0.7	-3.5	21.7
UL6101A0 Jackets, knitted or crocheted, not cotton, for men	1.1	-0.1	23.1
UL610120 Jackets, knitted or crocheted, of cotton, for men	0.8	-2.4	22.1
UL430390 Articles of fur skin	0.2	-14.9	36.8
UL430310 Furs and clothing accessories, of furskins	2.2	-0.8	285.2
UL4302A0 Furskins and gathered clippings	0.0	-13.8	33.3
UL430219 Furskins (not mink) whole	0.3	-10.4	28.1
UL430211 Furskins of mink whole	0.3	-10.1	216.0
UL420310 Leather clothing	1.9	-7.9	75.6
Total	216.4	-1.8	15.7

## E2.14 Clothing Accessories

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL961620 Other textiles and textile n.c.a.	0.3	-0.4	18.5

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UL650A00 Hats and other headgear	5.2	-0.9	22.1
UL621700 Parts and Accessories clothing	2.0	-0.9	21.1
UL621600 Gloves and mittens of textile materials, not knitted or crocheted	0.9	-0.2	22.9
UL6215A0 Non-silk ties	0.1	-17.3	23.4
UL621510 Silk ties	0.2	-19.4	110.6
UL6214A0 Shawls, scarves, not silk	2.0	-9.2	20.1
UL621410 Shawls, scarves, silk	0.4	-6.2	178.3
UL621300 Handkerchiefs	0.2	-5.7	17.7
UL611710 Shawls, scarves, knitted or crocheted	1.0	-6.2	16.5
UL611700 Clothing accessories, knitted	1.3	3.9	17.7
UL611600 Gloves and mitts, knitted or crocheted	4.0	3.3	11.0
UL420340 Other clothing accessories of leather	0.2	-0.2	35.9
UL420330 Belts, leather belts	1.7	-1.4	47.9
UL420329 Gloves and mitts, of leather and skins	1.1	-5.5	14.2
UL401590 Clothing accessories of rubber	0.2	3.5	13.7
UL401519 Gloves, mittens and mitts, of vulcanised rubber other than hard	9.9	22.8	5.4
UL392620 Clothing accessories, of plastics	6.6	20.4	7.0
Total	37.4	5.5	9.5

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL551100 Yarn of synthetic or artificial staple fibers, put up for retail sale	0.3	2.3	6.9
UL540600 Yarn of man-made filaments, for retail sale	0.1	5.9	6.3
UL520700 Cotton yarn (other than sewing thread) put up for retail sale	0.2	0.2	11.2

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UL510900 Wool yarn in balls for sale to the consumer	0.3	4.9	23.7
Total	1.0	2.8	10.0

## E2.21 Bags, suitcases and wallets

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL960500 Travel sets for personal toilet	0.2	-4.7	9.2
UL420290 Bags and Travel Bags	14.8	1.9	12.8
UL420230 Wallets and handbag or pocket items	6.2	-3.8	29.5
UL420220 Handbags	21.3	0.5	35.0
UL420210 Trunks, suitcases, briefcases, etc.	6.8	-8.4	8.5
Total	49.4	-1.2	17.6

## E2.22 Footwear

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL640A00 Sports shoes	4.0	-2.9	28.5
UL640699 Parts of footwear	2.4	0.8	14.0
UL640610 Uppers and parts thereof	2.5	-4.0	25.9
UL640590 Footwear with outer soles of rubber or wood	1.3	-2.1	18.3
UL640520 Slippers and other indoor footwear with fabric	0.8	-7.1	12.3
UL640411 Tennis shoes	13.0	2.8	29.4
UL640400 Slippers	19.3	2.4	17.6
UL640340 Footwear with uppers of leather, incorporating a protective metal	1.9	-2.1	12.6
UL640320 Leather sandals natural	0.1	-2.6	24.7
UL640300 Town footwear with uppers of leather	35.8	-2.6	31.2
UL640290 Town footwear with rubber	19.8	-3.7	12.5
UL640220 Rubber sandals	1.4	-4.3	6.7

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UL640190 Rubber Boots	0.9	-2.7	6.8
UL640110 Waterproof footwear, incorporating a protective metal	0.2	1.5	6.9
Total	103.4	-1.4	19.4

## E2.31 Perfumes and cosmetics

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL330790 Depilatories	3.4	5.5	6.3
UL330590 Hair lotions	7.1	2.9	5.0
UL330530 Hairsprays	0.4	-5.2	4.3
UL330520 Preparations for waving or straightening, perms	0.1	1.9	5.2
UL330499 Protective creams and make-up preparations	45.4	12.9	17.6
UL330491 Powders for the face	1.7	-2.2	23.8
UL330430 Manicure or pedicure preparations	1.1	-6.2	12.8
UL330420 Eye makeup products	3.6	-1.6	41.0
UL330410 Lip makeup products	3.4	0.7	43.3
UL330300 Perfumes and toilet waters	14.7	-1.1	24.4
Total	81.0	6.2	14.5

## E2.41 Lenses and spectacles

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL900490 Corrective and protective eyewear	3.5	5.0	22.1
UL900410 Sunglasses	4.7	-7.0	95.5
UL900390 Parts of frames and mountings for spectacles	0.4	-4.5	119.7
UL900310 Spectacle frames	4.0	-4.6	158.0
UL900150 Spectacle lenses of materials other than glass	4.8	1.6	71.7

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UL900140 Spectacle lenses of glass	0.2	-4.5	89.2
UL900130 Contact lenses	5.4	2.2	99.2
Total	23.1	-1.2	63.8

## E2.46 Photo-Optical

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL901060 Projection screens	0.2	-7.1	13.4
UL901050 Apparatus and equipment for photographic or cinematographic laboratories	0.2	-3.8	64.9
UL901010 Apparatus and equipment for automatically developing photographic film	0.0	-12.3	44.6
UL900800 Slide Projectors and other image projectors	0.1	-2.1	41.6
UL900720 Cinematographic projectors	0.1	-11.1	84.3
UL900700 Film Cameras	0.1	-7.0	217.5
UL9006A0 Cameras for printing and archiving	0.1	0.0	471.7
UL900660 Photographic flash	0.3	-2.5	88.8
UL900659 Cameras for roll film of a width of > 35 mm	0.1	-21.0	176.0
UL900653 Cameras for roll film of a width of 35 mm	0.0	4.5	40.3
UL900652 Cameras for roll film of a width < 35 mm	0.0	-7.1	103.0
UL900651 SLR cameras	0.0	-19.1	176.1
UL900640 Portable or cabinet type instant print cameras	0.4	3.9	63.2
UL900580 Monoculars	0.5	6.2	80.5
UL900510 Binoculars	0.5	-1.2	92.7
Total	2.5	-2.4	59.5

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL950790 Line fishing	1.1	3.6	15.2
UL950730 Fishing reels	0.8	3.3	42.9
UL950720 Fishing hooks, whether or not snelled	0.3	2.3	29.3
UL950710 Fishing Rods	0.8	3.1	34.8
UL950699 Tools for cricket, polo and other games	5.9	4.1	5.3
UL950691 Equipment for gymnastics and well-being	10.8	10.7	4.1
UL950670 Ice skates and roller skates	0.6	-2.6	11.5
UL950669 Cricket and polo balls	0.3	-7.2	7.8
UL950662 Sports balls, inflatable	0.9	-5.1	8.7
UL950661 Tennis balls	0.2	-1.2	6.4
UL950659 Badminton or similar rackets, whether or not strung	0.3	1.0	13.5
UL950651 Tennis rackets, whether or not strung	0.2	-1.0	53.5
UL950640 Articles and equipment for table tennis	0.3	7.8	4.0
UL950639 Golf equipment	1.5	0.1	42.8
UL950632 Golf balls	0.5	2.0	7.3
UL950631 Golf clubs, complete	1.2	-0.1	76.8
UL950629 Water-skis and surfboards	1.4	5.8	15.0
UL950621 Sailboards	0.1	3.2	38.5
UL950619 Ski equipment for winter sports	0.3	2.0	20.4
UL950612 Ski bindings	0.3	0.9	25.0
UL950611 Snow Ski Winter Sports	0.7	1.1	35.3
UL940430 Sleeping bags	0.5	-0.8	10.9
UL920890 Whistles, call horns and other instruments of	0.0	-6.1	18.6
UL920810 Music Boxes	0.1	-3.6	14.4
UL920790 Electric Guitars	1.0	7.3	39.0
UL920710 Electronic keyboard instruments	1.2	7.7	16.8
UL920600 Percussion musical instruments	0.3	-4.0	17.9
UL920590 Accordions and other wind musical instruments	0.4	-3.8	57.1

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## E2.51 Sporting goods and musical instruments

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UL920510 Musical instruments called "brass"	0.2	-6.4	99.6
UL920290 Guitars, harps and other string musical instruments	0.7	2.0	32.4
UL920210 Violins and other string musical instruments	0.1	-3.3	63.0
UL920190 Harpsichords and other keyboard stringed instruments	0.0	8.0	9.7
UL920120 Grand Pianos	0.3	3.0	34.9
UL920110 Upright Pianos	0.3	-2.4	8.1
UL880400 Parachutes	0.3	-4.4	137.2
UL851989 Musical electronic Instruments	0.8	-1.8	43.0
UL640B00 Ski Boots	0.6	2.9	22.2
UL630720 Belts and life jackets	0.4	-0.8	17.3
UL6306B0 Mattresses and other items for camping	0.7	5.1	6.6
UL630630 Sails for boats and sailboards	0.1	1.2	66.8
UL630620 Camping and military tents	2.0	3.8	5.6
UL420321 Special gloves for various sports	0.4	-4.2	27.0
UL420100 Saddlery and harness for any animal, of any material	1.5	3.5	13.9
Total	40.2	3.9	7.5

### E2.53 Bicycles, strollers and invalid carriages

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL871500 Prams and strollers	1.7	-2.3	7.7
UL871390 Motor Carriages for disabled	0.5	0.8	13.3
UL871310 Invalid carriages, not mechanically propelled	0.7	-0.6	8.0
UL871200 Bicycles	8.0	1.5	8.5
Total	10.9	0.7	8.4

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL961700 Vacuum flasks and other vacuum vessels fitted	2.6	6.1	9.3
UL961610 Scent sprays and mounts and	1.3	8.9	9.0
UL961590 Hairpins "hairpins" stop-curly	0.2	-5.3	12.4
UL961510 Combs	1.0	-0.8	8.3
UL961400 Pipe and cigar or cigarette	0.3	7.4	7.6
UL9613A0 Pocket lighters, gas	0.9	-1.3	7.3
UL961380 Lighters	0.4	0.3	10.0
UL960700 Slide fasteners and parts thereof	2.2	-2.4	12.0
UL960600 Buttons	1.2	-5.6	18.1
UL960400 Sieves and riddles hand	0.0	3.5	11.8
UL960330 Brushes and brushes for artists	0.7	-3.5	27.0
UL960329 Shaving brushes, hair brushes	0.9	0.1	11.2
UL960321 Toothbrushes, incl. toothbrushes for dentures	2.2	4.2	15.6
UL960200 Vegetable or mineral carving	0.8	0.6	15.5
UL960190 Bone, tortoise-shell, horn and articles thereof	0.1	-10.9	22.1
UL960110 Worked ivory and articles of ivory, n.n.a.	0.0	20.5	29.9
UL950440 Playing cards	1.1	9.5	11.2
UL950300 Toys	43.9	4.5	9.2
UL821420 Set of manicure and pedicure	0.5	1.7	9.6
UL821200 Razors and razor blades	3.4	-6.9	12.2
UL731900 Knitting needles, crochet hooks and needles	0.2	0.6	11.3
UL6704A0 Wigs and fake beards	3.0	-1.9	40.3
UL660320 Mounted frames for umbrellas, rain and sun	0.1	9.1	4.4
UL660200 Sticks, seatsticks, whips, riding-crops and the like	0.2	2.7	12.4

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### E2.55 Personal items

*continues the previous table*

UL660199 Umbrellas, rain and sun	0.6	-8.0	5.0
UL660191 Umbrellas with a telescopic shaft	0.5	-7.8	7.4
UL660110 Garden umbrellas and similar	1.0	5.3	4.3
UL650691 Bathing Caps	0.1	1.6	12.9
UL650610 Safety headgear, whether or not lined	2.7	4.0	23.3
UL420600 Articles of animal gut	0.1	9.4	61.1
Total	72.0	2.5	10.1

## E2.56 Small appliances for the person

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL851632 Curling irons and hair straighteners	1.8	6.8	21.5
UL851631 Electric hair dryers	1.4	6.8	15.8
UL851030 Electric epilators	0.6	4.1	33.9
UL851020 Electric hair clippers	1.8	12.6	21.7
UL851010 Shavers	1.6	3.6	42.1
Total	7.3	7.1	23.2

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL970B00 Works of art and collectibles	17.6	-7.0	134.7
UL970400 Collectible stamps	0.1	-16.4	191.7
UL490B00 Cards, calendars and other prints	10.4	-4.8	6.0
UL490A00 Books and newspapers	16.1	-2.9	6.1
UL490700 Stamps in progress	2.4	7.1	76.2
UL370A00 Photos	1.8	12.4	199.3
UL370600 Newsreels	0.0	-15.4	34.3
Total	48.3	-4.2	10.7

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## E2.71 Jewellery and watches

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL911390 Leather straps for watches	0.6	-5.9	139
UL911320 Watch straps and watch bracelets of base metal	0.6	-9.9	130
UL911310 Watch straps and watch bracelets of precious metals	0.1	-12.2	390
UL9101D0 Pocket Watches	0.3	-11.6	158
UL9101C0 Wrist, hand-wound	2.7	-5.7	649
UL9101B0 Wrist-watches, with automatic winding	15.8	0.5	2 596
UL9101A0 Wristwatches electrical	9.7	-8.8	249
UL711810 Coins	1.6	10.1	399
UL711790 Imitation jewellery	1.2	-10.6	45
UL711719 Imitation jewellery, of base metal, including silver, gold or platinum	3.4	-7.2	64
UL711711 Cuff links and studs of base metal, including silver, gold or platinum	0.1	-8.8	61
UL711620 Articles of precious stones "gems"	0.6	-8.6	140
UL711610 Articles of natural or cultured pearls, n.n.a.	0.1	-9.1	224
UL711590 Articles of precious metal n.n.a.	4.3	7.1	410
UL711420 Items of jewellery of base metal	0.0	-14.7	80
UL711419 Articles of goldsmiths of precious metals	1.5	24.3	2 917
UL711411 Silver jewellery items	0.1	-4.1	425
UL711320 Hardware Articles of jewellery, of base metal	0.2	-0.4	166

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UL711319 Hardware and jewelery, precious metals	59.2	-3.8	18 066
UL711311 Hardware and jewelery, silver	6.2	-5.6	703
UL7105A0 Dust and powder of diamonds and precious stones	0.3	-6.7	446
UL710490 Ungraded synthetic or reconstructed stones, worked	1.3	14.6	585
UL710399 Precious and semi-precious stones	1.3	-10.1	208
UL710391 Rubies, sapphires and emeralds, worked	2.7	-19.5	27 084
UL710239 Diamonds (non-industrial) worked (but not mounted or set)	40.8	-13.8	143 705
UL710122 Cultured pearls, worked, also assorted	0.3	-37.3	1 245
Total	154.8	-7.4	844

## E2.81 Work-wear

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL621143 Occupational clothing, of artificial synthetic fibers, for women	3.3	-1.0	20.0
UL621142 Occupational clothing, of cotton, for women	1.4	4.4	18.2
UL621133 Occupational clothing, of artificial synthetic fibers, for men	2.1	2.4	20.4
UL621132 Occupational clothing, of cotton, for men	0.9	1.9	17.8
Total	7.6	1.1	19.5

## E3 Finished goods for the Home

### E3.11 Carpets, tapestries and wallpaper

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL590500 Wallcoverings of textile materials	0.1	-1.5	21.8
UL580500 Hand-woven tapestries "Gobelins-type"	0.0	6.5	19.2
UL570A00 Carpets, tufted	7.1	-2.2	3.3
UL570200 Woven carpets	3.9	2.2	3.5
UL570100 Rugs, knotted	0.7	-11.0	10.2
UL481400 Wallpapers	1.3	0.2	4.3
UL401691 Rubber mats	0.8	0.2	2.2
Total	13.8	-1.2	3.5

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL940429 Mattresses with springs	2.4	7.8	4.2
UL940421 Mattresses made of latex	2.6	9.4	6.1
UL940410 Mattress supports	0.9	7.5	2.8
UL940380 Furniture made of bamboo, rattan, wicker, and similar materials	2.6	3.6	4.0
UL940370 Furniture of plastics	2.3	1.1	2.9

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UL940360 Wood Furniture for dining rooms and living rooms	21.2	0.6	2.4
UL940350 Wooden furniture for bedrooms	9.3	0.1	2.1
UL940340 Furniture for kitchen	5.4	0.5	3.3
UL940180 Other seats	3.5	2.7	6.1
UL940169 Wooden chairs	2.4	-0.9	4.3
UL940161 Sofas and Armchairs	14.6	0.5	4.4
UL940150 Bamboo chairs, rattan, wicker, and similar materials	0.2	4.3	5.5
UL940140 Sofa beds	1.7	2.9	2.9
UL460A00 Works with fiber plaiting	2.1	3.5	4.7
UL442110 Clothes hangers of wood	0.2	-5.6	3.2
UL441400 Wooden frames for paintings, photographs, mirrors or similar objects	0.7	-2.9	2.9
Total	72.2	1.3	3.1

### E3.24 Chandeliers and lighting fixtures

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL940550 Apparatus for the enlightenment, non-electric	0.7	-8.0	5.3
UL940540 Projector lights	17.5	-2.2	10.8
UL940530 Lights for Christmas trees	1.1	-4.7	8.0
UL940520 Electric table, desk, bedside or floor-standing lamps	3.4	5.3	10.0
UL940510 Chandeliers	14.5	2.0	12.2
UL851310 Portable electric lamps worked by dry batteries	2.5	-4.5	22.5
Total	39.7	-0.5	11.3

## E3.25 Home appliances

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL851679 Fryers and other electro-thermic appliances	6.0	6.7	8.5
UL851672 Electric toasters, for domestic use	0.9	3.4	7.4
UL851671 Espresso coffee machines	6.1	7.0	16.5
UL851660 Cookers, hobs and electric ovens	12.1	8.0	5.9
UL851650 Microwave ovens	4.0	3.0	4.6
UL851640 Electric irons	1.5	-2.4	9.9
UL851633 Hand dryers	0.1	-1.1	15.8
UL851629 Convector and fan heaters	2.8	3.7	7.9
UL851621 Storage heating radiators, electric	0.1	4.5	5.5
UL851610 Electric Water Heaters	2.2	2.3	6.7
UL850980 Electric Files and other electromechanical devices, household	7.0	15.1	13.3
UL850940 Mixer, fruit or vegetable juice extractors	5.2	2.1	7.8
UL850860 Vacuum cleaners without built-in electric motor	0.2	14.1	13.1
UL850819 Vacuum cleaners, power > 1500 W	1.3	2.3	7.4
UL850811 Vacuum cleaners, power ≤ 1500 W	10.9	15.0	12.1
UL845121 Tumble dryers	2.5	7.6	5.4
UL845019 Automatic washing machines, capacity > 6 kg and ≤ 10 kg	0.1	3.7	2.7
UL845012 Household washer dryers	0.4	-4.4	2.6
UL845011 Automatic washing machines, capacity ≤ 6 kg	7.2	1.6	3.0
UL842211 Dishwashers	4.3	5.9	5.2
UL841919 Storage water heaters, gas fuel	1.6	3.4	4.5
UL841911 Instantaneous water heaters, gas fuel	1.2	5.2	11.6
UL841840 Vertical freezers	1.9	12.2	4.1

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UL841830 Horizontal freezers	1.9	8.9	2.8
UL841820 Non combined refrigerators	3.7	0.0	3.6
UL841810 Combined refrigerators	13.5	4.5	3.8
UL841583 Air conditioners without refrigerating	2.1	-1.4	11.3
UL841582 Portable air conditioners	4.2	2.3	10.5
UL841581 Air conditioners with reversible heat pumps	2.2	-2.1	9.3
UL841510 Fixed air conditioners, split and monoblock	13.7	3.1	4.8
UL841460 Hoods	1.8	2.3	7.1
UL841451 Table fans	5.1	8.8	5.3
UL840310 Boilers for central heating	4.1	2.5	10.2
UL732290 Non-electric convector	1.3	2.4	11.1
UL732219 Radiators for central heating, of iron or steel	1.5	1.2	2.5
UL732211 Radiators for central heating, cast iron	0.1	1.7	2.3
UL732189 Stoves, heaters, solid fuel	1.3	3.1	3.6
UL732182 Stoves, heaters, liquid fuel	0.1	-4.4	7.5
UL732181 Stoves, heaters, gas fuel	0.6	1.6	3.8
UL73211A Cooking appliances, in liquid and solid fuel	1.2	12.8	5.0
UL732111 Cooking appliances, gas	4.9	3.4	4.2
UL630110 Electric blankets	0.2	1.0	7.6
Total	143.2	5.2	5.6

## E3.26 Consumer electronics

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL950410 Video-game consoles	18.2	9.2	80.8
UL852873 Televisions in black and white	0.0	36.0	18.7
UL852872 Colour televisions	39.9	0.4	21.4

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UL852871 Video tuners and decoders	5.3	-15.6	35.5
UL852869 Projectors	1.5	-18.6	81.6
UL852859 Flat panel displays for televisions	8.5	-10.6	44.6
UL852849 Cathode ray tube monitors for televisions	0.1	-5.0	25.1
UL852790 Radio and cassette players, powered by electricity	2.3	-8.3	16.4
UL852710 Radio and cassette players, battery	0.9	-7.7	16.8
UL852580 Camcorders, digital cameras and cameras	30.5	0.0	180.4
UL852100 VCRs	3.8	-7.6	44.1
UL851981 CD players and recorders	1.1	-9.1	43.6
UL851930 Turntables	0.2	-0.9	16.0
UL851920 Jukeboxes	0.0	-11.1	35.9
UL851850 Sound amplification equipment, electrical	0.8	0.8	27.1
UL851840 Low-frequency electric amplifiers	2.1	-7.5	39.1
UL851830 Ears	13.3	10.3	90.5
UL851820 Speakers and speakers	14.0	1.8	16.9
UL851810 Microphones and stands	2.7	4.1	74.0
Total	145.2	-0.7	36.0

### E3.32 Glasses and tableware

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL7013A0 Crystal stemware and tumblers	0.1	-1.3	4.6
UL701399 Glassware for toilet, office, for furnishing fabrics or for similar purposes	1.3	-4.7	3.3
UL701391 Items of lead crystal for the toilet	0.1	-6.5	14.8
UL701340 Crystal glass and glass tableware and kitchen	2.1	-0.6	2.2
UL701337 Beakers	1.5	-2.4	1.8
UL701328 Glass Goblets	0.7	-5.6	3.7
UL701310 Glass ceramic tableware	0.2	-2.9	3.3
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UL691200 Household items, hygiene or toilet articles, of ceramics other than porcelain	2.0	0.7	3.1
UL691190 Household items, hygiene or toilet articles, of porcelain	0.2	2.3	5.1
UL691110 Objects for tableware or kitchenware of porcelain	3.9	-1.0	3.2
UL392410 Pottery and other items for the kitchen or tableware	9.4	1.4	4.1
Total	21.7	-0.3	3.2

### E3.33 Cutlery

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL8215B0 Sets of spoons and forks (no silverware)	1.9	1.2	6.2
UL8215A0 Spoons and forks, of silverware	0.1	-5.7	13.4
UL821300 Scissors and blades therefor, of base metal	0.7	4.7	10.0
UL82119A Knife handles and blades	0.2	1.8	9.5
UL821193 Knives	0.5	2.4	14.9
UL821192 Not table knives having fixed blades of base metal	0.9	1.1	17.1
UL821191 Table knives having fixed blades, of base metal	0.2	-5.1	8.8
UL821110 Sets of knives	0.5	14.1	6.4
UL441900 Articles of wood for the table or kitchen	1.6	11.5	3.1
Total	6.7	4.2	5.9

### E3.34 Pots and pans

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL7615B0 Pots and pans made of copper and aluminum	4.8	4.3	5.1
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UL732390 Pots and pans made of cast iron and steel	11.6	6.2	5.0
Total	16.3	5.6	5.1

### E3.35 Home textiles

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL940490 Pillows and duvets	9.3	3.3	5.1
UL630800 Sets consisting of woven fabric and yarn	0.1	1.0	14.1
UL630610 Tarpaulins, awnings and blinds	1.2	6.1	5.2
UL630499 Furnishing articles of textile materials	0.2	-6.6	12.3
UL630493 Furnishing, of synthetic fibers	0.8	1.4	7.1
UL630492 Furnishing articles, of cotton	0.7	-1.2	7.4
UL630491 Furnishing articles, knitted or crocheted	0.9	2.3	6.1
UL630410 Coverlet	0.8	2.0	4.9
UL630300 Curtains, awnings and internal	4.0	1.7	7.1
UL6302C0 Toilet linen and kitchen linen	5.6	-2.9	6.2
UL6302B0 Table linen	0.8	-4.4	6.8
UL6302A0 Bedding	8.3	-0.1	6.6
UL6301A0 Blankets, woolen and other textile materials	0.3	-4.4	8.0
UL630140 Blankets of synthetic fibers	2.5	-0.4	3.9
UL630130 Cotton blankets	0.3	-0.1	6.9
Total	35.8	0.5	5.8

### E3.41 General items for the home

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL960390 Brushes and feather dusters	3.1	6.2	4.6
UL960310 Brooms and brushes, consisting of twigs or other vegetable materials bound together	0.1	0.6	2.7

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UL950500 Decorations for parties	7.1	7.2	7.6
UL910500 Alarm clocks and wall clocks	0.9	-6.9	9.9
UL910300 Clocks with watch movements	0.0	-14.1	28.8
UL845210 Sewing machines of the household type	1.1	2.9	9.6
UL842310 Scales and household scales	1.0	9.2	5.6
UL830630 Frames for Photos	0.2	-3.6	4.9
UL830629 Statuettes and other ornaments	1.4	-0.9	6.3
UL830621 Statuettes and other ornaments (including silverware)	0.1	-8.4	26.7
UL830610 Bells, gongs and the like (non-electric) of metal	0.1	0.9	9.6
UL821000 Hand-operated mechanical appliances	0.5	2.4	7.5
UL761520 Hygiene items and other household articles and parts thereof, of aluminum	0.2	-1.3	7.7
UL741820 Items of sanitary ware and parts thereof, of copper	0.5	-1.7	14.1
UL732690 Ladders, stools, gutters, boxes and other metal products	37.1	1.3	4.1
UL732490 Items of sanitary ware and parts thereof, of iron or steel	1.6	6.1	7.9
UL732310 Iron or steel; sponges	0.2	-0.8	3.7
UL691300 Statuettes and other ornamental ceramic articles	1.7	2.1	3.9
UL670200 Flowers, foliage and fruit and parts thereof	3.5	13.0	7.3
UL630710 Cloths and tea towels	2.2	5.7	5.7
UL442000 Wood marquetry, caskets and wooden figurines	1.6	0.2	5.3
UL392490 Household articles, sanitary articles and toilet articles, of plastics	7.9	6.1	4.2

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UL340600 Candles, tapers and the like	2.9	2.8	2.7
UL030110 Live ornament- al fish	0.3	-0.7	19.3
Total	75.4	3.0	4.6

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## E4 Pharmaceuticals and Medical Products

### E4.11 Drugs and medicaments

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL382200 Diagnostic or laboratory reagents	33.4	11.2	64.9
UL300670 Preparations in the form of gel	0.3	11.6	11.9
UL300660 Chemical contraceptive preparations	3.0	7.0	155.3
UL300650 Cases and bags for first aid	0.3	3.3	8.2
UL300630 Opacifying preparations for X-ray examinations	3.2	5.3	86.7
UL300620 Reagents for determining blood groups or blood factors	0.4	4.1	110.1
UL300610 Sterile surgical catgut	3.6	0.0	210.1
UL300590 Wadding, gauze, bandages	3.9	2.7	11.0
UL300510 Adhesive dressings	3.4	2.2	18.5
UL300490 Prepared for therapeutic purposes, in measured doses	296.2	5.1	58.2
UL300450 Medicaments containing provitamins, in the form of doses	3.5	0.5	21.9
UL300440 Medicaments containing alkaloids or derivatives thereof, in the form of doses	4.4	6.0	102.8
UL30043A Medicaments containing hormones in the form of doses	38.1	7.2	187.9

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UL300431 Medicaments containing insulin doses in the form	9.1	0.4	207.8
UL300420 Medicaments containing antibiotics, in the form of doses	13.8	2.5	55.6
UL300410 Medicaments containing penicillins, in the form of doses	3.0	2.2	30.9
UL300390 Medicaments, formats have been mixed	9.3	5.0	46.8
UL300340 Medicaments, containing alkaloids and their derivatives	0.2	42.9	46.7
UL300339 Medicaments, containing hormones	0.5	-2.8	60.2
UL300331 Medicaments containing insulin	0.1	15.5	30.5
UL300320 Medicaments, containing antibiotics	0.7	-1.3	32.2
UL300310 Medicaments, containing penicillins	0.2	-4.5	77.3
UL300230 Vaccines for veterinary medicine	2.8	3.2	96.2
UL300220 Vaccines for human medicine	28.6	10.0	502.6
UL300210 Antisera	186.1	20.0	746.3
Total	648.2	8.9	84.7

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL902139 Eye prostheses and other implants	9.7	1.7	448.9
UL902131 Artificial joints	8.4	1.5	706.0
UL902129 Dentures	2.3	0.7	589.5
UL902121 Artificial teeth	0.5	-3.2	125.1
UL902110 Orthopaedic or fracture	8.3	2.2	104.7
UL901839 Catheters, canulae and the like, used in medical	23.8	0.4	59.6
UL901832 Tubes and needles for sutures	2.7	6.0	34.0
UL901831 Syringes, with needles, used in medical	5.1	4.1	20.6
UL841990 Parts of medical and surgical sterilizers	5.5	1.0	15.5

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	2020	17-20	2020
UL401511 Gloves of vulcanised rubber (excl. hard rubber), for surgery	2.5	17.2	6.4
UL401490 Hygienic or pharmaceutical articles	0.5	2.9	14.7
UL401410 Condoms of vulcanized rubber (excl. hard)	0.6	1.3	17.3
UL300691 Appliances identifiable for ostomy	1.7	10.8	23.7
UL300640 Cements and other dental fillings	1.8	-1.1	151.9
Total	73.4	2.0	41.9

## E4.22 Medical and dental instruments and equipment

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL940290 Operating tables	3.7	8.0	11.2
UL940210 Dentists' arm-chairs	0.4	2.1	7.1
UL902000 Non-therapeutic breathing appliances and gas masks	2.1	12.2	44.3
UL901920 Ozone therapy and mechanical ventilation appliances	12.2	20.0	42.4
UL901910 Mechanotherapy appliances	6.0	11.5	12.2
UL901890 Instruments and appliances used in medical	47.2	4.1	62.1
UL901850 Instruments and apparatus for ophthalmology	3.5	0.7	178.5
UL901849 Instruments and appliances used in dental sciences, nes	4.2	1.5	125.2
UL901841 Dental drills	0.4	7.5	79.8
UL841920 Medical, surgical or laboratory sterilizers	1.1	5.0	36.0
Total	80.9	6.4	39.1

## E4.23 Electro-medical equipment

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL902290 Parts and accessories for X-ray machines	6.3	-1.1	127
UL902230 X-ray tubes	1.6	1.0	285
UL902229 Radiotherapy equipment is not used for medical purposes	0.3	-4.5	111
UL902221 Radiotherapy equipment for medical	0.3	9.6	64
UL902219 Other X-ray equipment	2.3	2.1	91
UL902214 X-ray apparatus for medical, surgical or veterinary uses	5.3	5.7	91
UL902213 X-ray apparatus for dental use	0.5	-8.8	107
UL902212 Apparatus for computed tomography	3.7	8.7	99
UL902190 Medical equipment to compensate for a defect or disability	10.5	-0.8	525
UL902150 Pacemakers	3.8	-3.4	2 454
UL902140 Hearing aids	3.5	3.3	1 098
UL901820 Ultra-violet or infra-red ray apparatus, used in medical	0.4	7.3	109
UL901819 Electrodiagnostic apparatus	13.2	11.4	191
UL901814 Scintigraphic apparatus	0.3	7.9	117
UL901813 Apparatus Diagnostic & Imaging, Magnetic Resonance	3.9	0.6	87
UL901812 Ultrasonic scanning apparatus	4.5	4.0	236
UL901811 Electrocardiography	1.0	6.1	122
Total	61.2	3.1	171

## E4.51 Microscopes

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL901210 Electron Microscopes	1.3	2.6	284.1
UL901100 Microscopes non-electronic	1.4	0.2	129.1
Total	2.7	1.3	175.8

# F1 ICT and Service Equipment

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL961800 Dummies and other	0.3	-14.0	11.8
UL961220 Ink-pads, also with box	0.0	-6.5	17.5
UL961210 Ribbons for typewriters or similar ribbons	1.2	-5.1	17.1
UL961100 Date, sealing or numbering	0.2	-4.4	18.4
UL961000 Slates and boards, whether or not framed	0.6	3.4	3.6
UL950490 Special tables for casino games and automatic bowling alley equipment	4.1	3.5	8.6
UL950430 Games with screen, pinball and other coin-games	1.7	-15.5	20.3
UL950420 Billiard tables and accessories	0.2	5.2	6.3
UL940330 Wooden furniture of a kind used in offices	3.0	-2.3	2.4
UL940310 Metal office furniture	2.3	2.1	3.3
UL940170 Seats, primarily with metal frames	11.8	6.5	4.2
UL940130 Swivel seats with variable height adjustment	4.5	8.3	3.8

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UL902300 Instruments, apparatus and models designed for demo purposes	2.4	-3.9	41.7
UL901720 Drawing, marking-out or mathematical calculating instruments	0.4	-1.6	10.3
UL901710 Tables and drafting machines, whether or not automatic	0.0	-0.4	15.8
UL831000 Signposts	0.7	-0.5	17.7
UL830400 Filing cabinets, card	0.2	2.0	4.2
UL630790 Articles of textile materials, packaged, incl. dress patterns, n.n.a.	23.8	25.2	9.7
UL392610 Office or school supplies of plastics	1.8	-2.6	3.7
Total	59.3	8.0	5.9

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL940320 Metal furniture n.c.a.	15.0	8.3	3.2
UL847689 Vending Machine products, without heating or refrigerating devices	0.3	-0.8	22.7
UL847681 Vending Machine products, Incorporating heating or refrigerating devices	0.1	5.6	8.7
UL847629 Vending machine, without heating or refrigerating devices	0.0	-1.8	17.2
UL847621 Vending machine with device heating or refrigerating	0.3	-7.0	12.0
UL847290 Machines and appliances for office, n.n.a.	2.8	-9.7	15.6
UL847230 Machines for sorting or folding in envelopes or binder mail	0.2	-5.1	44.2

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UL847210 Duplicators matrix "mimeograph"	0.0	-1.1	12.6
UL8470A0 Calculators	0.7	-6.4	20.0
UL847090 Franking machines	0.5	11.8	56.0
UL847050 Cash registers, calculating unit with	2.6	2.9	63.5
UL844339 Photocopiers	1.1	-4.5	12.9
UL844312 Offset printers for office	0.0	-0.8	9.4
UL841981 Coffee machines and other professional equipment for cooking	3.8	-1.4	24.0
UL841869 Other refrigeration equipment	7.5	1.3	13.7
UL841861 Heat pumps	2.2	9.6	14.3
UL841850 Chests, cabinets, display cabinets and showcases	4.8	0.5	6.2
Total	42.1	2.2	6.2

### F1.41 Computer and peripheral equipment

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL852861 Projectors for PCs	2.3	51.2	85.3
UL852851 Flat panel monitor for PCs	20.7	23.6	24.1
UL852841 Cathode ray tube monitors for PCs	0.2	14.0	62.9
UL852352 Smart Cards	4.1	-5.2	85.5
UL8471C0 Laptops, notebooks and tablets	154.8	9.8	162.4
UL8471B0 CPU and other computer units	33.2	10.9	145.2
UL8471A0 Desktop computers, servers, main frame	94.1	8.7	105.8
UL847170 Central storage units, hard drives and other storage devices	63.2	-0.4	171.6
UL847160 Keyboards and mouse	14.9	5.8	43.4
UL844332 Printers, fax machines	9.2	-5.1	22.3
UL844331 Multifunction Printers	13.7	-4.6	11.7

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Total	410.5	6.9	77.4
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### F1.42 Communication equipment

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL854370 Electronic Dictionaries and amplifiers antennas	36.7	9.0	48.4
UL852560 Transceivers	1.6	-14.5	212.1
UL852550 Transmitters	2.0	0.7	54.4
UL851950 Answering Machines	0.0	21.8	48.0
UL851769 Other network equipment	5.7	-0.9	118.8
UL851762 Routing and switching apparatus	142.8	4.4	169.7
UL851761 Base stations for transmitting and receiving voice	4.5	-8.6	109.4
UL851718 Landlines	2.6	-6.2	80.8
UL851712 Mobile and satellite phones	248.6	3.8	483.4
UL851711 Cordless telephones	1.1	-7.0	56.0
Total	445.6	3.9	193.8

### F1.43 Burglar and fire alarm

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL853110 Alarms and fire prevention	3.7	-2.4	56.7
Total	3.7	-2.4	56.7

## F2 Industrial Tools and Equipment

### F2.11 Lifting and handling

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL860900 Container	4.8	2.0	1.0
UL842890 Other appliances and lifting tools	10.2	2.8	9.3
UL842860 Cableways	0.4	0.0	10.3
UL842840 Escalators and moving walkways	0.5	-8.0	3.5
UL842839 Other elevators and goods for	4.8	2.2	9.4
UL842833 Pneumatic elevators, belt or belt	3.0	3.3	10.8
UL842832 Pneumatic elevators, bucket-	0.2	0.3	4.9
UL842820 Pneumatic elevators and conveyors	0.9	1.1	13.8
UL842810 Lifts and skip hoists	5.1	0.3	4.1
UL842699 Other cranes	0.5	-2.8	8.3
UL842691 Cranes for truck crane	1.5	1.2	8.8
UL842640 Mobile cranes	3.3	-0.8	5.0
UL842630 Gantry fixed cranes	0.4	-8.3	5.6
UL842620 Tower cranes	1.1	-2.4	2.6
UL842619 Bridge cranes	1.9	-7.3	4.5
UL842612 Mobile lifting frames ("knight")	0.4	-3.1	6.3
UL842611 Overhead traveling cranes on fixed support	0.7	0.5	4.4
UL842549 Jacks (non-hydraulic)	0.8	-3.7	5.0
UL842542 Jacks and hoists, hydraulic	1.4	-0.2	3.6

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UL842541 Jacking systems of a type used in garages	0.3	0.3	3.5
UL842539 Winches and capstans (non-electric)	0.7	0.3	7.7
UL842531 Winches and capstans electric motor	0.9	-2.3	7.1
UL842519 Hoists (non-electric)	0.4	-1.8	5.8
UL842511 Hoists electric motor	0.7	-1.1	8.5
Total	44.8	0.4	4.1

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL761300 Aluminium containers for compressed or liquefied gas	0.5	7.9	11.1
UL761100 Reservoirs, of aluminum, of a capacity > 300 liters	0.2	7.5	9.3
UL731100 Containers for compressed or liquefied gas, of metal	3.1	3.3	2.9
UL731029 Tanks with a capacity of less than 50 liters	1.8	-4.1	3.2
UL731010 Drums and capacities between 50 and 300 liters	1.2	-1.6	2.7
UL730900 Tanks, of a capacity > 300 liters	3.1	-0.3	3.6
Total	9.9	0.3	3.3

### F2.16 Pumps and filters

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL842219 Commercial dishwashers	0.6	-2.8	21.7
UL842139 Other apparatus for filtering or purifying "air"	25.0	9.8	18.9

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UL842129 Apparatus for filtering or purifying liquids	8.7	5.5	27.9
UL842122 Apparatus for filtering or purifying beverages	0.3	0.5	39.8
UL842121 Apparatus for filtering or purifying water	9.2	9.1	13.7
UL841459 Axial fans	10.6	4.4	13.3
UL841440 Air compressors mounted on a wheeled chassis for towing	0.7	0.7	6.7
UL841420 Air pumps, hand or foot	0.4	2.2	6.9
UL841340 Concrete pumps	0.4	-2.1	8.7
UL841320 Other hand pumps	1.4	20.0	7.9
UL841319 Pumps with a measuring device	1.1	4.0	29.1
UL841311 Pumps for dispensing fuel or lubricants	0.7	-0.3	13.1
Total	58.9	7.4	16.4

## F2.17 Signalling equipment

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL853180 Electric sound or visual signaling	2.4	1.6	63.6
UL853120 Indicator panels with LCD	4.6	-1.3	97.8
UL853080 Electrical signaling, safety or traffic control equipment for	0.8	-0.3	44.4
UL853010 Electrical signaling equipment for railways or tramways	0.4	-4.5	115.5
Total	8.2	-0.5	77.5

## F2.18 Boilers and furnaces

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL851440 Apparatus for the heat treatment of materials by induction	0.5	-1.8	39.9

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UL851430 Industrial or laboratory electric furnaces and ovens	0.8	3.2	14.4
UL851420 Furnaces and ovens functioning by induction or dielectric loss	0.5	4.5	20.4
UL851410 Resistance furnaces "indirect heating", industrial or laboratory	1.7	5.6	18.5
UL841780 Incinerators and ovens for ceramics	1.0	-2.1	5.4
UL841710 Furnaces for heat treatment of metals and minerals	0.7	-2.5	7.1
UL841630 Stokers	0.1	-1.7	6.9
UL841620 Gas burners and solid fuel	1.0	7.7	26.5
UL841610 Burners for liquid fuel	0.2	-4.4	20.6
Total	6.4	2.2	12.3

## F2.19 Electromechanical tools

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL851580 Electrical machines and apparatus for welding with laser	2.4	3.1	37.2
UL851530 Welding machines for arc welding	2.3	0.7	15.3
UL851520 Welding machines for resistance welding	1.5	-0.3	25.3
UL851510 Irons and guns and tools for soldering, brazing	0.6	0.9	24.8
UL8468B0 Welding gas	0.4	-3.0	13.5
UL846789 Other tools with non-electric motor	1.7	-2.9	13.8
UL846781 Non-electric chain saws	1.0	0.8	12.2
UL846729 Grinders, sanders, planers	9.6	7.6	13.8
UL846722 Saws, electrical	2.7	10.6	11.0
UL846721 Drills of all kinds	4.3	3.7	13.3
UL846710 Pneumatic Tools Hand	1.4	-5.6	23.3
Total	27.8	3.6	15.0

## F2.23 Tools and molds

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL960350 Brushes constituting parts of machines, appliances or vehicles	0.8	4.2	11.2
UL960340 Brushes for painting	1.0	3.7	4.9
UL848070 Molds for plastic	11.6	-0.9	19.8
UL848060 Moulds for mineral materials	0.8	-1.3	4.6
UL848050 Moulds for glass	0.5	0.9	18.0
UL848040 Molds for metal	1.4	-5.9	15.4
UL848030 Models for forms	0.2	-5.7	12.1
UL848020 Bottom plates for forms	0.2	-0.6	6.9
UL848010 Brackets for foundry	0.1	2.2	13.8
UL821490 Hair clippers, knives, butchers'	0.2	0.9	9.2
UL820900 Tips and other components of the cermet tools	5.0	-0.2	182.0
UL82080A Knives and cutting blades, for machines	2.8	1.6	22.4
UL820790 Interchangeable tools for hand tools	2.3	-1.4	20.0
UL820780 Tools for turning	0.4	-0.9	92.7
UL820770 Tools for milling	2.1	1.2	127.9
UL820760 Tools for boring or broaching	0.4	-3.8	100.2
UL820750 Tips drilling tools	3.6	2.2	22.7
UL820740 Tools for tapping or threading	0.8	1.0	55.6
UL820730 Tools for pressing, stamping or punching	5.2	-0.3	17.6
UL820720 Dies for drawing or extruding metal	0.7	-0.3	32.4
UL820710 Drilling or survey	2.3	-0.4	17.6
UL820600 Sets of tools for sale to the consumer	1.1	4.9	7.1
UL820590 Sets of two or more apparatus	0.3	-2.0	10.6

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UL820570 Vises, clamps and the like	0.6	2.5	6.7
UL820560 Blowtorches and similar	0.1	4.7	15.7
UL820559 Construction tools, hand	3.0	0.5	8.7
UL820551 Tools for domestic use (non-mechanical)	1.0	2.2	7.6
UL820540 Screwdrivers, hand-	0.6	-0.9	8.5
UL820530 Planes, chisels	0.1	1.3	6.6
UL820520 Hammers and sledge hammers with working parts of base metal	0.4	2.5	4.0
UL820510 Drilling, threading or tapping, hand-	0.2	2.7	13.6
UL820420 Interchangeable spanner sockets, with or without handles, of base metal	0.8	-1.1	8.4
UL820412 Spanners hand variable aperture	0.4	0.6	8.9
UL820411 Hand-operated spanners and wrenches open end	1.1	0.1	9.2
UL820340 Cutters, bolt cutters, perforating punches and similar tools, of base metal	0.2	-0.1	11.0
UL820330 Metal-cutting shears and similar tools, of base metal	0.2	-0.4	11.9
UL820320 Pliers, including cutting pliers, pincers, tweezers and similar tools, of base metal	1.3	1.6	12.6
UL820310 Files, rasps and similar tools, of base metal	0.2	-0.7	9.9
UL820290 Straight saw blades	0.9	1.4	20.0
UL820240 Chain saws	0.6	2.1	16.6
UL820230 Circular saw blades	1.3	2.3	13.6
UL820220 Bandsaw blades	0.5	-0.7	14.0
UL820210 Hand Saws	0.3	0.2	6.4
UL820190 Agricultural tools	0.4	2.5	5.5

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UL820160 Hedge shears	0.2	2.7	5.6
UL820150 Pruning shears	0.2	6.2	10.3
UL820140 Axes, bill hooks and similar hewing tools	0.2	5.9	4.3
UL820130 Mattocks, picks, hoes	0.3	4.0	3.4
UL820110 Spades and shovels	0.3	6.2	2.4
Total	59.2	0.2	14.2

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

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL842489 Other appliances for spraying liquids or powders	5.2	7.2	11.8
UL842430 Machines and apparatus, sand blasting, steam jet	2.8	3.8	9.0
UL842420 Spray guns and similar appliances	1.8	5.0	13.4
UL842410 Fire extinguishers, charged	1.2	1.6	6.8
Total	11.0	5.3	10.4

## F2.51 Measuring instruments

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL910700 Time switches	0.3	-3.7	35
UL910690 Apparatus for measurement and control, with clock or watch movement	0.2	-1.0	32
UL910610 Registers, time-recorders registers	0.1	-8.7	48
UL903180 Other instruments, appliances and machines for measuring or checking	19.5	0.8	92
UL903149 Other optical instruments and apparatus for measuring or checking	7.9	6.4	155
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UL903141 Optical equipment used in the manufacture of semiconductors	4.4	13.4	360
UL903120 Test benches for motors, generators, pumps, etc.	1.5	2.0	48
UL90308A Other instruments for measuring electrical quantities	2.3	2.1	230
UL903082 Measuring instruments of semiconductor devices	5.1	9.8	293
UL903040 Measuring Equipment for Telecommunications	4.0	3.3	608
UL903030 Multimeters for voltage measurement	3.4	-1.4	104
UL903020 Oscilloscopes and cathode	0.8	5.5	375
UL903010 Instruments and apparatus for measuring or detecting ionizing radiations	1.3	9.0	488
UL902920 Speed indicators and tachometers; stroboscopes	4.3	0.5	113
UL902910 Rev counters and similar counters	0.7	-13.2	88
UL902830 Electricity meters	3.3	5.9	41
UL902820 Meters for liquids	1.0	-0.3	22
UL902810 Gas counters	0.6	-0.8	28
UL902780 Instruments and apparatus for physical and chemical analysis	9.1	-3.1	169
UL902750 Other equipment using optical radiation	8.6	9.0	253
UL902730 Spectrometers	3.5	2.3	317
UL902720 Chromatographs and electrophoresis instruments	2.7	1.0	286
UL902710 Gas or smoke analysers	5.5	6.6	178
UL902680 Heat meters and other parameters for liquids and gas	2.9	0.5	107
UL902620 Pressure gauges for liquids and gases	7.7	1.3	91

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UL902610 Flow and level of liquids and gases	4.6	1.1	73
UL902580 Floating measuring instruments	1.1	1.7	92
UL902519 Thermometers and pyrometers (not combined with other instruments)	3.1	6.3	66
UL902511 Thermometers, liquid, for direct reading (not combined with other instruments)	0.2	9.6	30
UL902480 Machines and appliances for testing of materials other than metals	0.8	-7.3	66
UL902410 Machines and appliances for testing metals	0.5	-2.9	89
UL901780 Instruments for measuring length, for use in the hand, nes	0.8	-0.6	11
UL901730 Micrometers, calipers and gauges	0.5	-1.7	64
UL901600 Balances of a sensitivity of 5 cg or less	0.4	-4.3	88
UL901580 Instruments and appliances used in geodesy	3.7	3.8	180
UL901540 Instruments and apparatus for photogrammetry	0.1	2.1	477
UL901530 Spirit Levels	0.5	8.0	35
UL901520 Theodolites and tachometers	0.4	-4.5	503
UL901510 Rangefinders	0.8	2.9	184
UL901480 Instruments and apparatus for marine navigation	1.4	1.8	191
UL901420 Instruments and appliances for aeronautical or space navigation	2.9	-1.5	2 995
UL901410 Compasses	0.2	-10.9	167
UL852692 Radio remote control apparatus	3.2	2.4	105
UL852691 Navigational aid apparatus	6.7	-10.5	217
UL852610 Radars	4.8	7.1	216
UL8423A0 Scales	0.6	3.7	25
UL842389 Scales available for > 5,000 kg	0.2	0.3	14
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UL842382 Scales available for > 30 kg but <= 5,000 kg	0.5	1.3	8
UL842381 Scales available for <= 30 kg	0.6	-1.5	27
Total	139.1	1.7	105

## F3 Cars, transport and agriculture equipment

### F3.11 Cars, buses and caravans

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL871610 Trailers and semi-trailers for housing or camping, of the caravan type	1.5	-0.8	8.8
UL870390 Vehicles with electric motor	108.0	95.2	15.2
UL870333 Diesel cars of a cylinder capacity > 2500 cm <sup>3</sup>	16.7	-16.9	13.0
UL870332 Diesel cars of a cylinder capacity > 1500 cm <sup>3</sup> but ≤ 2500 cm <sup>3</sup>	61.8	-15.5	11.8
UL870331 Diesel cars of a cylinder capacity ≤ 1500 cm <sup>3</sup>	15.2	-8.8	9.4
UL870324 Cars with a cylinder capacity > 3000 cm <sup>3</sup>	59.0	-11.0	21.3
UL870323 Cars with a cylinder capacity > 1500 cm <sup>3</sup> but ≤ 3000 cm <sup>3</sup>	179.7	-8.2	12.9
UL870322 Cars with a cylinder capacity > 1000 cm <sup>3</sup> but ≤ 1500 cm <sup>3</sup>	78.1	0.0	10.0
UL870321 Cars with a cylinder capacity ≤ 1000 cm <sup>3</sup>	28.9	10.3	9.2
UL870290 Buses and coaches with non-diesel	2.3	10.3	7.6
UL870210 Buses and coaches with diesel engine	10.0	-4.4	8.2

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Total	561.1	-3.4	12.6
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### F3.12 Road freight vehicles and trailers

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL871680 Other means of transport n.c.a.	2.6	4.2	3.0
UL871640 Other trailers and semi-trailers	1.2	1.5	3.7
UL871639 Trailers and semi-trailers for the transport of goods	5.3	-8.3	3.0
UL871631 Trailers and semi-trailers, with tank	0.9	0.4	4.5
UL870490 Truck with equipment other than the diesel and petrol engines	1.0	25.5	6.1
UL870432 Trucks with internal combustion engine, of a gross vehicle weight > 5 t	0.5	-8.6	3.2
UL870431 Trucks with internal combustion engine, of a gross vehicle weight ≤ 5 t	24.3	-3.1	9.4
UL870423 Road freight vehicles (> 20 tons)	11.8	-1.2	5.3
UL870422 Road freight vehicles (5-20 tons)	12.2	-8.2	5.1
UL870421 Road freight vehicles (≤ 5 tons)	37.5	-3.9	8.7
UL870120 Road tractors for semi-trailers	14.1	-11.4	4.8
Total	111.5	-5.0	6.2

### F3.14 Special vehicles

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL870590 Special purpose motor vehicles	4.7	1.8	9.8
UL870540 Concrete-mixer lorries	0.6	-4.9	3.6
UL870530 Fire fighting vehicles	1.1	-0.2	18.3

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UL870520 Derricks for Mobile drilling	0.1	2.9	5.6
UL870510 Truck cranes	2.6	0.5	5.2
UL870310 Purpose vehicles traveling on snow, golf courses, etc.	2.1	11.8	11.9
Total	11.1	2.4	8.0

### F3.21 Agricultural machinery

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL871620 Self-loading or self-unloading trailers for agricultural purposes	0.6	2.9	4.4
UL870190 Tractors	19.5	6.3	7.3
UL870110 Tillers	0.2	3.3	2.8
UL843680 Eradicators, troughs	2.6	6.2	8.0
UL843629 Machines and equipment for poultry farming	1.0	-0.8	4.3
UL843621 Incubators and brooders	0.2	-0.5	7.7
UL843610 Machinery for preparing animal feeding stuffs	0.9	3.2	6.1
UL843410 Milking machines	0.4	15.3	23.3
UL843360 Machines for cleaning, sorting or grading eggs, fruit or other agricultural produce	0.8	9.6	22.7
UL843359 Other machinery for harvesting and threshing	1.7	10.8	10.2
UL843353 Machines for harvesting potatoes	0.4	3.5	10.4
UL843352 Machines and apparatus for threshing	0.2	11.6	6.2
UL843351 Combine harvesters	2.9	-0.4	7.7
UL843340 Straw or fodder balers	1.0	4.6	6.9
UL843330 Haymaking machinery	0.5	3.4	7.1
UL843320 Not drawn mowers and lawn mowers	1.0	3.1	6.5
UL843310 Mowers	4.1	1.5	7.0
UL843280 Other machinery for working the soil	1.0	5.2	6.7

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UL843240 Spreaders mineral or chemical fertilizers	0.5	10.3	7.0
UL843230 Central driven precision seeders	1.5	8.9	7.7
UL843229 Scarifiers, cultivators, weeders, zappecav-allo, grubbers and rotary tillers	1.2	5.5	3.6
UL843221 Disc harrows "sprayers" for agriculture	0.4	9.8	4.4
UL843210 Ploughs	0.3	0.6	5.0
UL842481 Watering appliances, for agriculture or horticulture	3.8	9.7	4.8
Total	46.7	5.4	6.8

### F3.22 Earth-moving machinery

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL870410 Tipper trucks, "dumper-type"	4.6	2.8	6.5
UL870130 Caterpillars	0.6	-1.6	10.4
UL847910 Machinery and equipment for the construction industry	2.1	0.5	9.5
UL847431 Concrete and apparatus for preparing the cement	0.8	-1.5	3.6
UL847430 Machines for mixing mineral substances	0.9	0.7	5.2
UL847420 Machines for crushing mineral substances	2.4	-1.9	5.4
UL847410 Machines for separating mineral substances	1.7	2.8	7.0
UL843069 Other earth moving machinery, not self-propelled	0.7	-0.2	6.1
UL843061 Soil and asphalt compactors	0.3	1.9	7.2
UL843050 Other construction equipment, self-propelled	0.7	7.1	6.4
UL843049 Machines not self-propelled drilling and boring	1.4	-6.7	9.0

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UL843041 Self-propelled machinery drilling and boring	2.1	2.5	10.6
UL843039 Machines for drilling tunnels and galleries, not self-propelled	0.6	3.2	11.8
UL843031 Machines for drilling tunnels and galleries, self-propelled	0.8	5.6	13.0
UL843020 Snowplows	0.5	10.4	5.9
UL843010 Pile-drivers and pile extractors machines	0.5	-2.5	7.7
UL842959 180 degree excavators and backhoe loaders	2.2	-5.1	4.7
UL842952 Mechanical shovels whose superstructure can perform a rotation of 360 °	15.7	1.7	4.0
UL842951 Shovel loaders, front-loading, self-propelled	7.7	2.8	4.8
UL842940 Self-propelled tamping machines and road rollers	1.5	-1.0	3.9
UL842930 Self-propelled scrapers	0.1	4.8	4.0
UL842920 Self-propelled graders	1.2	0.6	6.3
UL842919 Bulldozers, angledozers, on wheels	0.3	2.7	3.6
UL842911 Bulldozers, angledozers, crawlers	1.9	0.7	5.4
UL842831 Elevators and for underground	0.1	-2.2	8.2
Total	51.6	1.0	5.2

### F3.23 Ships and yachts

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL890790 Floating structures	0.9	0.9	6.8
UL890710 Inflatable Rafts	0.3	1.2	25.3
UL890690 Boats, incl. lifeboats	2.0	-6.9	18.6
UL890590 Lightvessels	4.6	-2.9	7.0
UL890520 Offshore vessels and infrastructure	10.2	7.0	10.4
UL890510 Dredgers	1.4	2.8	7.0
UL890400 Tugs and pushers	0.9	-22.8	5.0

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UL890399 Rowing boats	1.8	5.9	18.8
UL890392 Yachts	9.6	3.2	51.9
UL890391 Sailboats and sailing yachts	1.8	6.6	41.9
UL890310 Inflatable vessels for pleasure or sports	0.4	5.8	11.0
UL890200 Fishing vessels, factory ships and other vessels	0.9	6.7	8.1
UL890190 Dry cargo ships	19.6	-7.2	0.9
UL890130 Refrigerated vessels (excl. tankers)	0.2	58.1	1.8
UL890120 Tankers	11.9	-12.4	1.4
UL890110 Steamers	4.3	5.9	11.0
Total	70.6	-3.9	2.1

### F3.24 Aircraft

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL880529 Equipment to the ground flying trainers and parts thereof, nes	1.2	-2.9	292
UL880521 Air combat simulators and parts thereof	0.4	6.7	1 366
UL880510 Apparatus for the launch of aircraft	0.2	-6.4	115
UL880260 Spacecraft (including satellites) and spacecraft launch vehicles	0.9	-27.6	9 384
UL880240 Aeroplanes and other aircraft of an unladen weight exceeding 15000 kg	62.9	-16.2	662
UL880230 Airplanes and other aircraft	9.1	-9.9	898
UL880220 Aeroplanes and other aircraft, of an unladen weight not exceeding 2000 kg	0.9	-8.7	262
UL880212 Helicopters of an unladen weight > 2000 kg	3.2	-14.6	1 576
UL880211 Helicopters of an unladen weight ≤ 2000 kg	0.9	-5.2	509
UL880100 Balloons and dirigibles; gliders, hang gliders and other non-powered aircraft	0.1	-0.1	60

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Total	79.8	-15.3	668
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### F3.25 Trains and rolling stock

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL860690 Wagons for the transport of goods by rail	1.5	10.0	2.5
UL860630 Self-unloading rail wagons	0.3	-10.0	1.5
UL860610 Tank wagons and the like on rails	0.5	-1.3	-3.0
UL860500 Tramway passenger coaches and special cars for railways	0.9	-1.4	8.3
UL860400 Vehicles for the maintenance of railways or service	0.9	6.2	20.8
UL860390 Railcars and trucks	0.3	3.9	19.9
UL860310 Railcars and trucks, to the electrical outlet outside	3.0	-6.8	32.1
UL860290 Rail locomotives	0.1	-14.9	12.0
UL860210 Diesel-electric locomotives	1.0	2.5	12.8
UL860120 Rail locomotives powered by electric accumulators	0.0	15.3	14.9
UL860110 Rail locomotives powered from an external source of electricity	0.4	-15.5	30.9
Total	9.0	-2.2	9.3

### F3.30 Motorcycles

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL871190 Motorcycles n.c.a.; sidecars	9.3	37.5	22.6
UL871150 Motorcycles with reciprocating piston engine, of a cylinder 800 cm <sup>3</sup>	5.0	-0.9	31.3
UL871140 Motorcycles with a cylinder capacity > 500 cm <sup>3</sup> but ≤ 800 cm <sup>3</sup>	1.7	1.7	19.9

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UL871130 Motorcycles with a cylinder capacity > 250 cm <sup>3</sup> but ≤ 500 cm <sup>3</sup>	1.7	9.2	19.0
UL871120 Motorcycle engine > 50 cm <sup>3</sup> but ≤ 250 cm <sup>3</sup>	7.4	3.3	5.8
UL871110 Mopeds	0.7	-0.9	5.8
Total	25.8	9.7	12.0

### F3.31 Forklifts and handling equipment

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL870919 Non-electric trolleys	0.4	-2.8	4.7
UL870911 Non-electric trucks trucks	0.3	4.7	10.1
UL842790 Not self-propelled forklifts	0.9	-0.7	3.7
UL842720 Non-electric forklifts	6.2	-2.3	3.7
UL842710 Electric forklifts	6.3	1.2	5.6
Total	14.1	-0.6	4.5



## F4 Machinery

### F4.23 Paper-making machinery

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL8441B0 Other machinery for making paper	1.4	0.0	13.4
UL8441A0 Paper packaging making machines	1.4	2.5	15.6
UL844110 Paper pulp, paper or paperboard cutting machines	1.2	7.2	10.8
UL843900 Paper making machines	1.8	6.0	14.9
Total	5.9	3.8	13.6

### F4.31 Metal processing machinery

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL846390 Machine tools for working cermets	0.5	-9.9	15.6
UL846330 Machines for Metal Processing in Wireless	0.3	-3.6	12.5
UL846320 Thread rolling machines for working metal, sintered metal carbides or cermets	0.1	-0.1	8.8
UL846310 Drawing machines for bars, tubes, profiles, wire or the like, of metal	0.2	-6.8	10.4
UL846299 Presses (non-hydraulic) for metalworking	0.9	-4.7	7.4
UL846291 Hydraulic presses for metalworking	0.7	-3.7	5.8

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UL846249 Punching and notching machines (non CNC), for metalworking	0.2	-6.7	6.4
UL846241 Punching and notching machines, CNC, for metalworking	0.6	-3.4	13.9
UL846239 Shears, incl. presses (non CNC), for metalworking	0.4	0.0	4.8
UL846231 Shears, including presses, CNC, for metalworking	0.2	2.1	5.4
UL846229 Folding, straightening, flattening, non CNC	1.0	-0.6	5.3
UL846221 Folding, straightening, flattening, CNC	1.6	-0.2	9.8
UL846210 Machines, incl. presses, forging or die-stamping machines and hammers	1.4	-3.6	8.9
Total	8.1	-3.1	7.9

### F4.32 Metalworking machine tools

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL848620 Machines for the manufacture of electronic integrated circuits	43.6	14.3	64.0
UL847950 Industrial Robots	4.2	2.4	35.9
UL846190 Planing machines	0.1	-2.1	9.7
UL846150 Sawing machines	0.8	-1.0	6.8
UL846140 Machines for grinding or gear finishing	0.5	-8.3	17.2
UL846130 Broaching machines	0.1	-10.7	18.2
UL846120 Shaping machines	0.0	-6.3	7.8
UL846090 Machine tools for deburring	0.4	-15.5	8.1
UL846040 Honing or lapping machines	0.3	-7.7	26.7
UL846039 Sharpening machines, non CNC	0.1	-0.6	9.1
UL846031 Sharpening machines, CNC	0.2	-4.7	35.2

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UL846029 Grinding machines with an accuracy of at least 0,01 mm, non CNC	0.2	-1.6	9.4
UL846021 Grinding machines with an accuracy of at least 0,01 mm, CNC	1.8	6.4	33.9
UL846019 Grinding machines, non CNC	0.1	-7.5	7.4
UL846011 Grinding machines, CNC	0.4	14.5	18.8
UL845970 Threading or tapping machines	0.1	-3.2	11.9
UL845969 Milling machines, other than knee-type, non CNC	0.2	-5.6	7.3
UL845961 Milling machines, other than knee-type, CNC	0.6	-2.0	12.6
UL845959 Non-CNC knee-type milling machines for metalworking	0.0	-4.3	3.5
UL845951 CNC knee-type milling machines for metalworking	0.0	-8.1	11.7
UL845940 Boring machines	0.1	-3.9	10.1
UL845939 Boring-milling machines, non CNC	0.0	-2.6	6.8
UL845931 Boring-milling machines, CNC	0.4	-4.0	15.3
UL845929 Drilling machines, non CNC	0.3	-2.1	5.3
UL845921 Drilling machines, CNC	0.2	-8.4	9.0
UL845910 Machine tools with guide rail	0.0	-2.7	9.7
UL845899 Vertical lathes, non CNC	0.2	-4.9	4.8
UL845891 Vertical lathes, CNC	0.8	-5.8	12.1
UL845819 Horizontal lathes, non CNC	0.2	-3.6	4.5
UL845811 Horizontal lathes, CNC	2.9	-5.9	16.6
UL845730 Multi-station transfer machines for metalworking	0.5	-2.3	24.1
UL845720 Unit construction machines (single station) for metalworking	0.0	-9.5	17.6

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UL845710 Machining centers for metalworking	5.4	-8.6	13.8
UL8456A0 Machine tools operated by ultrasonic or electrodischarge processes	1.3	-1.7	17.8
UL845610 Machine tools operated by laser	5.4	10.6	27.2
Total	71.8	6.5	29.9

### F4.33 Machine tools for hard materials

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL847930 Presses for the manufacture of wood panels	0.6	-1.7	9.8
UL846599 Other machine tools for wood and plastics	1.5	6.6	7.7
UL846596 Splitting and chopping machines for wood and plastics	0.4	7.4	4.6
UL846595 Drilling and mortising machines for wood and plastics	0.4	-0.5	8.8
UL846594 Bending or assembling machines for wood and plastics	0.4	1.3	11.4
UL846593 Grinding machines for wood and plastics	0.4	3.0	5.9
UL846592 Machinery for milling or planing wood and plastics	0.6	1.5	5.3
UL846591 Sawing machines for wood and plastics	1.8	1.4	5.8
UL846510 Machines for wood and plastics to multiple operations	0.7	-6.6	13.9
UL8464A0 Grinding or polishing machines for glass and stones	1.5	-1.6	12.6
UL846410 Sawing machines for glass and stones	0.5	2.2	7.4
Total	8.8	0.9	7.6

### F4.34 Extrusion machinery

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL847780 Other machines for rubber and plastics	5.2	2.2	15.9
UL847759 Presses for rubber and plastics	1.1	1.3	13.2
UL847751 Machinery for molding or retreading tires	0.2	-4.4	10.1
UL847740 Vacuum forming and other thermoforming machines	0.7	-1.4	12.9
UL847730 Blow-molding machines for rubber and plastics	1.1	-2.8	14.4
UL847720 Extruders for rubber or plastics	2.4	2.1	15.5
UL847710 Injection-molding machines for rubber and plastics	4.5	-4.3	6.8
Total	15.3	-0.7	11.1

### F4.35 Textile machinery

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL845380 Machines for the manufacture or repair of manufactured products of leather or leather	0.1	-11.3	8.6
UL845320 Machinery for making or repairing footwear	0.3	-2.9	7.9
UL845310 Machinery for working hides or skins	0.1	-11.5	7.5
UL845229 Sewing machines, industrial but not automatic	1.2	-6.9	9.3
UL845221 Automatic sewing machines, industrial	0.8	-4.5	10.8
UL845180 Machines and apparatus for dressing	1.0	-0.2	8.5
UL845150 Machines for reeling, folding, cutting the tissues	0.7	5.8	15.3
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UL845140 Machinery for dye yarn	0.5	-4.5	10.4
UL845130 Ironing machines and presses	0.3	-5.1	9.2
UL845129 Machinery and apparatus for drying yarns	1.7	3.1	5.3
UL845110 Machines for dry cleaning of textile materials	0.0	-11.2	11.1
UL845020 Washing machines, capacity > 10 kg	2.8	4.6	4.1
UL844900 Machines for the manufacture of felt	0.9	9.0	17.0
UL844819 Auxiliary machinery for textile machines	0.2	-8.3	23.3
UL844811 Doobies and Jacquards	0.1	-17.1	14.5
UL844790 Machines for making gimped yarn, tulle, lace, embroidery	0.5	-11.3	10.0
UL844720 Frames for knitting machines; stitch-bonding machines	0.5	-19.8	8.8
UL844712 Knitting machines, circular, with cylinder diameter > 165 mm	0.3	-9.7	10.1
UL844711 Knitting machines, circular, with cylinder diameter ≤ 165 mm	0.1	-10.6	15.0
UL8446A0 Other weaving looms	0.2	-6.3	5.5
UL844630 Shuttleless looms, fabrics of a width > 30 cm	1.0	-9.7	6.4
UL844590 Other machines for preparing textile yarns	0.2	-2.0	9.7
UL844540 Winding and reeling machines	0.6	-6.3	19.5
UL844530 Textile doubling or twisting machines	0.1	-9.1	8.7
UL844520 Spinning machines	0.5	-11.5	6.8
UL844510 Carding, combing and roving machines	0.6	-6.7	6.9
UL844400 Machines for extruded synthetic or artificial textile materials	1.1	19.9	17.6
UL844319 Machinery for textile printing	1.1	-8.0	22.9

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UL842112 Centrifugal Dryers	0.0	6.7	5.0
Total	17.8	-3.3	7.7

### F4.36 Food machinery

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL847982 Machinery and apparatus for mixing and kneading	4.5	4.7	17.2
UL847920 Machinery for the extraction or preparation of oils	0.6	-0.6	11.2
UL847810 Machinery for preparing or making up tobacco	0.6	-2.7	30.8
UL8438A0 Machines for the manufacture of sugar and confectionery products	1.0	2.8	18.7
UL843880 Other food machinery	2.4	2.8	24.3
UL843860 Machinery for the industrial preparation of fruits and vegetables	0.6	3.3	21.7
UL843850 Machinery for the industrial processing of meat	2.1	3.6	26.5
UL843840 Brewery machinery	0.5	-6.6	16.7
UL843810 Bakery machinery	2.0	-1.2	18.5
UL843780 Machines for mills and for the working of cereals or dried leguminous vegetables	0.8	1.3	8.1
UL843710 Machines for cleaning, sorting, screening cereals	0.6	2.8	8.0
UL843510 Machines for wine, cider and fruit juices	0.3	3.2	13.1
UL843420 Machines for the dairy industry	0.6	2.7	29.8
UL842111 Skimmers	0.0	-2.1	25.1
UL841989 Devices and means of recirculated cooling water	8.5	5.7	18.8

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UL841931 Dryers for agricultural products	0.3	1.7	7.5
UL841720 Ovens, non-electric bakery	0.3	-4.4	7.0
Total	25.7	3.1	17.3

### F4.37 Other special purpose machinery

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL950890 Roundabouts	1.2	1.3	11.9
UL950810 Circuses and traveling menageries	0.0	0.9	9.0
UL903110 Machines for balancing mechanical parts	0.4	-5.4	29.7
UL848640 Other machines for the manufacture of electronic material	7.3	9.4	47.5
UL848630 Machines for the fabrication of flat panel displays	5.9	0.1	42.5
UL848610 Machines and apparatus for the manufacture of boules or wafers	1.9	5.8	49.2
UL847989 Machinery and equipment, n.n.a.	38.0	3.7	22.5
UL847960 Evaporative air coolers	0.5	7.6	6.9
UL847940 Machines for making ropes and cables	0.4	-4.4	12.8
UL847520 Glass processing machines	0.9	1.3	24.8
UL847510 Machines for assembling lamps that involve a glass envelope	0.0	16.3	34.5
UL847480 Machinery for agglomerating, shaping or molding	1.7	-1.9	7.9
UL841939 Dryers	1.7	-0.1	14.8
UL841932 Dryers for wood, paper pulp, paper or paperboard	0.3	1.1	6.8
UL840120 Machinery and apparatus for isotopic separation, and parts thereof [Euratom]	0.0	-28.8	25.4

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Total	60.1	3.4	22.8
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### F4.38 Packaging machines

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL842240 Machinery for packing or wrapping	7.7	2.3	32.4
UL842230 Machinery for filling, closing, sealing or labeling	7.9	3.7	33.4
UL842220 Machinery for cleaning or drying bottles or other containers	0.6	10.2	42.7
Total	16.3	3.2	33.2

### F4.39 Printing machines

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL844316 Printing machines, flexographic	0.8	-6.2	18.0
UL84430B Different from offset printing machines, offset and flexographic	0.2	-4.3	11.9
UL84430A Machines for offset printing	1.9	-5.5	11.4
UL844230 Machinery, apparatus and equipment, for the characters	0.3	-8.5	36.3
UL844010 Bending machines	0.5	-6.3	15.3
Total	3.7	-5.9	13.7

## F5 Industrial Plants

### F5.12 Apparatus for automatic control

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL903289 Instruments and apparatus, regulating or controlling	17.1	-4.0	77.0
UL903281 Instruments and apparatus for regulating or controlling, hydraulic or pneumatic	1.4	-3.2	58.2
UL903220 Pressure regulators	0.8	-5.0	52.6
UL903210 Thermostats	3.2	-1.2	43.8
Total	22.4	-3.6	67.3

### F5.21 Valves and pressure reducing valves

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL848140 Relief valves or safety	3.7	-0.5	39.6
UL848130 Check valves for pipes, boiler shells	2.5	-0.2	22.4
UL848120 Valves for hydraulic or pneumatic transmissions	9.2	3.4	37.5
UL848110 Pressure reducers	2.8	-1.0	29.1
Total	18.2	1.3	33.3

### F5.23 Boilers, turbines and motors

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL841280 Engines and motors	0.8	7.1	39.8
UL841239 Air Motors	0.7	4.4	33.6
UL841231 Air Motors Linear acting "cylinders"	1.7	-0.4	29.8
UL841229 Hydraulic Motors	3.6	3.5	18.7
UL841221 Hydraulic Motors Linear acting "cylinders"	4.8	3.1	14.9
UL841182 Gas turbines of a power > 5000 kW	3.6	-8.6	181.5
UL841181 Gas turbines of a power ≤ 5000 kW	1.7	-0.7	446.2
UL841013 Turbines and water wheels of a power > 10000 kW	0.1	-1.5	10.1
UL841012 Turbines and water wheels, of a power > 1000 kW but ≤ 10000 kW	0.1	-3.0	17.1
UL841011 Turbines and water wheels, of a power ≤ 1000 kW	0.1	5.0	22.7
UL840890 Compression-ignition internal combustion piston "diesel or semi-diesel engine"	9.4	-0.1	13.5
UL840810 Engines, diesel engines for the propulsion of ships	2.4	-3.7	17.3
UL840682 Steam turbines of a power ≤ 40 MW	0.4	-10.1	24.1
UL840681 Steam turbines of a power > 40 MW	1.0	14.0	30.5
UL840610 Steam turbines for marine propulsion	0.0	-29.2	74.7
UL840420 Condensers for steam	0.2	-1.4	6.1
UL840410 Auxiliary plant for use with boilers of heading 8402 or 8403	0.8	2.1	6.8
UL840220 Boilers "superheated water"	0.2	3.2	8.3
UL840219 Steam boilers, incl. hybrid boilers	0.6	-0.8	8.4
UL840212 Water-tube boilers with output of steam ≤ 45 t	0.3	-3.8	5.3

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UL840211	Water-tube boilers with output of steam > 45 t	0.4	-17.8	5.8
UL840110	Nuclear reactors	0.0	-5.0	23.8
Total		32.8	-0.8	17.2

### F5.25 Pumps and compressors

Products	World Trade			
	Bn € 2020	Cagr 17-20	€/Kg 2020	
UL841410	Vacuum Pumps	3.9	1.7	25.0
UL841382	Liquid elevators	0.2	-1.1	10.3
UL841381	Pumps for liquids other than those of subheadings 8413.19 and liquid elevators 8413.11	3.6	-2.9	15.9
UL841370	Centrifugal pumps other than those of subheadings 8413.19 and liquid elevators 8413.11	12.2	1.9	10.3
UL841360	Rotary positive displacement pumps other than those of subheadings 8413.19 and liquid elevators 8413.11	5.5	2.7	19.4
UL841350	Reciprocating positive displacement pumps	6.1	3.1	26.9
Total		31.5	1.6	15.0

### F5.26 Heat exchangers

Products	World Trade			
	Bn € 2020	Cagr 17-20	€/Kg 2020	
UL841960	Machinery for liquefying air and gas	0.7	-31.3	21.2
UL841950	Heat exchangers	9.2	1.0	13.1
Total		9.9	-4.7	13.5

### F5.31 Iron and steel plants

Products	World Trade			
	Bn € 2020	Cagr 17-20	€/Kg 2020	
UL847981	Machinery for treating metal	1.6	-1.1	25.1
UL845522	Cold rolling mills for metal	0.3	3.9	5.4
UL845521	Hot rolling mills and rolling mills combination hot and cold metal	0.4	-6.8	4.2
UL845510	Rolling mills for metal tubes	0.2	-3.0	6.1
UL845430	Casting machines "throw" for the metallurgy or in metal foundries	0.6	-10.1	10.0
UL845420	Ingot molds and ladles	0.2	2.1	3.6
UL845410	Converters for metallurgy or in metal foundries	0.0	-9.3	34.8
Total		3.3	-3.5	9.3

### F5.32 Chemical plants and for mineral processing

Products	World Trade			
	Bn € 2020	Cagr 17-20	€/Kg 2020	
UL854330	Machines and apparatus for electroplating, electrolysis or electrophoresis	0.9	0.5	44.5
UL842119	Centrifuges n.c.a.	1.7	2.4	32.9
UL842010	Calendaring or other rolling machines, excluding those for metal	0.5	-2.8	15.4
UL841940	Distilling or rectifying plant	1.2	5.2	24.7
UL840510	Gas generators of air or water gas	0.4	-7.1	23.8
Total		4.8	1.0	27.6

# G1 Weapons and Ammunition

## G1.11 Weapons and ammunition

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL930690 Bombs, grenades, torpedoes, mines, missiles and other ammunition and projectiles	4.8	-3.9	29.9
UL930630 Cartridges and parts thereof for shotguns or rifles rifled	1.5	-5.7	24.3
UL930629 Parts of cartridges for smooth-barreled shotguns or rifles	0.2	-2.1	5.3
UL930621 Cartridges for smooth-barreled shotguns or rifles	0.7	3.9	6.8
UL930190 Military weapons, incl. sub-machine guns	0.6	-21.3	210.2
UL930120 Missile tubes, flame throwers, grenade launchers, torpedo tubes and similar projectors	0.3	13.0	476.1
UL930119 Artillery weapons "eg., Guns, howitzers and mortars", not self-propelled	0.3	6.8	350.3
UL890610 Naval ships	0.2	-29.3	268.3
UL871000 Tanks and other armored vehicles and parts thereof	10.1	7.0	47.0
Total	18.8	-0.4	32.6

## G1.12 Pistols and shotguns

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL930400 Air guns or gas, truncheons	0.4	-5.5	25.2
UL930390 Firearms and similar devices which operate the firing of an explosive	0.1	23.6	49.8
UL930330 Shotguns and rifles for hunting or target-shooting with a rifled barrel or barrels	0.5	-0.1	117.2
UL930320 Shotguns and rifles for hunting or target-shooting with at least one smooth bore	0.5	0.8	105.0
UL930310 Muzzle-loading firearms only from the barrel	0.0	-13.1	60.6
UL930200 Revolvers and pistols	1.1	1.7	188.4
Total	2.7	0.2	76.9

## G1.13 Parts for weapons

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL930599 Parts and accessories of articles of heading 9303 or 9304, nes	0.2	12.1	74.6
UL930591 Parts and accessories of military weapons of heading 9301, nes	1.1	11.2	240.1
UL930529 Parts and accessories of shotguns and rifles for hunting or target-shooting of heading 9303	0.4	0.5	91.3
UL930510 Parts and accessories of revolvers and pistols, nes	0.4	8.7	126.4
Total	2.2	8.3	137.9

## G1.14 Side-arms

Products	World Trade		
	Bn € 2020	Cagr 17-20	€/Kg 2020
UL930700 Swords, cutlasses similar arms	0.1	3.8	31.4

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Total	0.1	3.8	31.4
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## Z9 Confidential data

### Z9.99 Confidential data

Products		World Trade		
		Bn € 2020	Cagr 17-20	€/Kg 2020
UL999999	Confidential	641.5	2.3	0.9
data				
Total		641.5	2.3	0.9