

Annex 2 – High-tech aggregation by NACE Rev 1.1**Aggregations of manufacturing based on NACE Rev 1.1**

Eurostat uses the following aggregation of the manufacturing industry according to technological intensity and based on NACE Rev. 1.1 at 3-digit level for compiling aggregates related to high-technology, medium high-technology, medium low-technology and low-technology.

Please note that in a few cases (R&D, Employment in high-tech and HRST), due to restrictions of the data sources used, the aggregations are only made on a NACE 2-digit level. This means that **high-technology** includes the NACE codes 30, 32 and 33, **medium-high-technology** includes the NACE codes 24, 29, 31, 34 and 35, **medium-low-technology** includes the NACE codes 23 and 25 to 28 and **low-technology** includes the NACE codes 15 to 22 and 36 to 37.

Manufacturing Industries	NACE Rev 1.1 codes	
High-technology	24.4 30 32 33 35.3	Manufacture of pharmaceuticals, medicinal chemicals and botanical products; Manufacture of office machinery and computers; Manufacture of radio, television and communication equipment and apparatus; Manufacture of medical, precision and optical instruments, watches and clocks; Manufacture of aircraft and spacecraft
Medium-high-technology	24 29 31 34 35	Manufacture of chemicals and chemical product, excluding 24.4 Manufacture of pharmaceuticals, medicinal chemicals and botanical products; Manufacture of machinery and equipment n.e.c. ; Manufacture of electrical machinery and apparatus n.e.c.; Manufacture of motor vehicles, trailers and semi-trailers; Manufacture of other transport equipment, excluding 35.1 Building and repairing of ships and boats and excluding 35.3 Manufacture of aircraft and spacecraft.
Medium-low-technology	23 25 to 28 35.1	Manufacture of coke, refined petroleum products and nuclear fuel; Manufacture of rubber and plastic products; basic metals and fabricated metal products; other non-metallic mineral products; Building and repairing of ships and boats
Low-technology	15 to 22 36 to 37	Manufacture of food products, beverages and tobacco; textiles and textile products; leather and leather products; wood and wood products; pulp, paper and paper products; publishing and printing; Manufacturing n.e.c.

Annex 2 – High-tech aggregation by NACE Rev 1.1**Aggregations of services based on NACE Rev 1.1**

Following a similar approach as for manufacturing, Eurostat defines the following sector as **knowledge-intensive services** or as **less knowledge-intensive services**:

Manufacturing Industries	NACE Rev 1.1 codes	
Knowledge-intensive services	61	Water transport;
	62	Air transport;
	64	Post and telecommunications;
	65 to 67	Financial intermediation;
	70 to 74	Real estate, renting and business activities;
	80	Education;
	85	Health and social work;
	92	Recreational, cultural and sporting activities
High-tech KIS	64	Post and telecommunications;
	72	Computer and related activities;
	73	Research and development
Market KIS (excl. financial intermediation and high-tech services)	61	Water transport;
	62	Air transport;
	70	Real estate activities;
	71	Renting of machinery and equipment without operator and of personal and household goods;
	74	Other business activities
Less Knowledge-intensive services	50 to 52	Wholesale and retail trade; repair of motor vehicles, motorcycles and personal and household goods;
	55	Hotels and restaurants;
	60	Land transport; transport via pipelines;
	63	Supporting and auxiliary transport activities; activities of travel agencies;
	75	Public administration and defense; compulsory social security ;
	90	Sewage and refuse disposal, sanitation and similar activities;
	91	Activities of membership organization n.e.c. ;
	93	Other service activities;
	95 to 97	Activities of households;
	99	Extra-territorial organizations and bodies
Market services less KIS	50 to 52	Wholesale and retail trade; repair of motor vehicles, motorcycles and personal and household goods;
	55	Hotels and restaurants;
	60	Land transport; transport via pipelines;
	63	Supporting and auxiliary transport activities; activities of travel agencies