

## 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 24, 29, 31, 34 and 35, Medium-low-technology 23 and 25 to 28 and Low-technology 15 to 22 and 36 to 37.

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

## 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 (KIS) or as less knowledge-intensive services (LKIS):

Knowledge based services	NACE Rev 1.1 codes
<b>Knowledge-intensive services (KIS)</b>	<b>61</b> Water transport; <b>62</b> Air transport; <b>64</b> Post and telecommunications; <b>65 to 67</b> Financial intermediation; <b>70 to 74</b> Real estate, renting and business activities; <b>80</b> Education; <b>85</b> Health and social work; <b>92</b> Recreational, cultural and sporting activities
<b>High-tech KIS</b>	<b>64</b> Post and telecommunications; <b>72</b> Computer and related activities; <b>73</b> Research and development.
<b>Market KIS (excl. financial intermediation and high-tech services)</b>	<b>61</b> Water transport; <b>62</b> Air transport; <b>70</b> Real estate activities; <b>71</b> Renting of machinery and equipment without operator and of personal and household goods; <b>74</b> Other business activities.

<b>Less Knowledge-intensive Services (LKIS)</b>	<b>50 to 52</b> Motor trade; <b>55</b> Hotels and restaurants; <b>60</b> Land transport; transport via pipelines; <b>63</b> Supporting and auxiliary transport activities; activities of travel agencies; <b>75</b> Public administration and defence; compulsory social security; <b>90</b> Sewage and refuse disposal, sanitation and similar activities; <b>91</b> Activities of membership organization n.e.c.; <b>93</b> Other service activities; <b>95 to 97</b> Activities of households; <b>99</b> Extra-territorial organizations and bodies
<b>Market services less KIS</b>	<b>50 to 52</b> Wholesale and retail trade; repair of motor vehicles, motorcycles and personal and household goods; <b>55</b> Hotels and restaurants; <b>60</b> Land transport; transport via pipelines; <b>63</b> Supporting and auxiliary transport activities; activities of travel agencies.