COMPILATION MANUAL FOR AN INDEX OF SERVICE PRODUCTION

ANNEX 2

Recommended variables and deflators and their sources

OECD STESEG Task Force on Services

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Code 50: Sale, maintenance and repair of motor vehicles and motorcycles;

This code covers the majority of activities related to motor vehicles and motorcycles, including lorries and trucks. It does not include manufacture and renting of motor vehicles or motorcycles.

This code is divided into five classes: *5010 - Sale of motor vehicles, 5020 - Maintenance and repair of motor vehicles, 5030 - Sale of motor vehicle parts and accessories, 5040 - Sale, maintenance and repair of motorcycles and related parts and accessories* and *5050 - Retail sale of automotive fuel.* For measuring gross value added as deflated turnover it may be desirable to use a lower level of industrial activity such as sub-dividing sale of motor vehicles into the sale of new motor vehicle and the sale of used motor vehicles. This will depend on how important the industry is to the country's economy and how accurate the output can be measured (eg turnover and prices).

ISIC class	Description	Explanatory notes	Preferred	
5010	*Sale of motor vehicles*	Includes the wholesale and retail sale of all types of new and used motor vehicles except motorcycles	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of motor vehicle wholesalers and retailers or administrative data taken from tax returns which could be split by type of vehicle. Examples are: - New cars - Other new motor vehicles - Used cars - Other used motor vehicles	Weighted appropriate price indices that reflect the mixed market Examples are : - CPI: New cars - CPI: Other new vehicles - CPI: Used cars - PPI: New cars - PPI: New lorries and trailers - PPI: Used lorries and trailers
5020	*Maintenance and repair of motor vehicles*	Includes towing and roadside assistance Excludes the retreading and rebuilding of tyres and the maintenance and repair of caravans	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of motor vehicle maintenance and repair companies or administrative data from tax returns which could be split by type of maintenance activity. Examples are: - Maintenance and repair of motor vehicles - Tyre and exhaust repairs - Towing and roadside assistance	Weighted appropriate price indices that reflect the mixed market Examples are : - CPI: Car maintenance and repairs - PPI: Car maintenance and repairs - PPI: Lorry and truck maintenance and repairs
5030	*Sale of motor vehicle parts and accessories*	Include the wholesale and retail sale of all kinds of parts, components, supplies, tools and accessories for motor vehicles (when not combined with sale of motor vehicles)	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of wholesalers or retailers of motor vehicle parts and accessories or administrative data from tax returns which could be split by type of outlet. Examples are: - Wholesale - Retail	Weighted appropriate price indices that reflect the mixed market Examples are : - CPI: Motor vehicle parts and accessories - PPI: Motor vehicle parts and accessories
5040	*Sale, maintenance and repair of motorcycles and related parts and accessories*	Excludes the sale, maintenance and repair of bicycles and related parts and accessories	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of wholesalers or retailers of motorcycles, related parts and accessories and of motorcycle maintenance and repair companies or administrative data from tax returns which could be split by type of motorcycle activity. Examples are: - Wholesale and retail sale of motorcycles - Wholesale and retail sale of motorcycle parts and accessories - Maintenance and repair of motorcycles	Weighted appropriate price indices that reflect the mixed market Examples are : - CPI: Motorcycles - CPI: Motorcycle maintenance and repairs - PPI: Motorcycles - PPI: Motorcycle maintenance and repairs
5050	*Retail sale of automotive fuel*	Includes the retail sale of similar fuels used in boats and the retail sale of lubricating products and cooling products for motor vehicles Excludes the wholesale of fuels and the retail sale of liquefied petroleum gas for cooking or heating	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of retailers of automotive fuel or administrative data from tax returns which could be split by type of fuel product Examples are: - Petrol - Diesel - Lubricants and cooling products	Weighted appropriate price indices Examples are : - CPI: Petrol - CPI: Diesel - CPI: Lubricants and cooling products

CPI is Consumer price index.
PPI is Services producer price index.

retail sale of automotive fuel

Turnover data are defined as receipts from sales excluding VAT and other taxes on products plus any subsidies on products. As the services are provided to both consumers and businesses, the preferred deflators to use are a mix of consumer price indices and service producer price indices .

Note: Within the wholesale and retail industries, output is the trade margin. Theoretically this can be measured by taking the difference between deflated sales and deflated purchases. However, if it is assumed that the volume of margins follows the volume of sales (or equivalently, that the margin-to-sales ratios are constant at constant prices), then gross turnover deflated by appropriate quality adjusted price indices is a more achievable method.

Alternative		Other	ISIC class
Gross turnover deflated by partially representative price indices		**Volume indicators**	*5010*
Turnover from survey of motor vehicle wholesalers and retailers or administrative data taken from tax returns	Deflated by partially representative CPIs and PPIs or a general price index	Examples are: - Employment	
Or			
Volume indicators			
Examples are: - Number of new cars sold - Number of used cars sold - Number of other new motor vehicles sold - Number of other used motor vehicles sold			
Gross turnover deflated by partially representative price indices		**Volume indicators**	*5020*
Turnover from survey of motor vehicle maintenance and repair companies or administrative data from tax returns	Deflated by partially representative CPIs and PPIs or a general price index	Examples are: - Employment	
Gross turnover deflated by partially representative price indices		**Volume indicators**	*5030*
Turnover from survey of wholesalers or retailers of motor vehicle parts and accessories or administrative data from tax returns	Deflated by partially representative CPIs or a general price index	Examples are: - Employment	
Gross turnover deflated by partially representative price indices		**Volume indicators**	*5040*
Turnover from survey of wholesalers or retailers of motorcycles, related parts and accessories and of motorcycle maintenance and repair companies or administrative data from tax returns	Deflated by partially representative CPIs or a general price index	Examples are: - Employment	
Or			
Volume indicators			
Examples are: - Number of new motorcycles sold - Number of used motor cycles sold			
Gross turnover deflated by partially representative price indices		**Volume indicators**	*5050*
Turnover from survey of retailers of automotive fuel or administrative data from tax returns	Deflated by partially representative CPIs or a general price index	Examples are: - Employment - Number of litres of fuel leaving oil refineries	
Or			
Volume indicators			
Examples are: - Number of litres of petrol sold - Number of litres of diesel sold - Number of litres of lubricants sold - Number of litres of cooling products sold			

Code 51: Wholesale trade and commission trade, except of motor vehicles

This code covers the resale (sale without transformation) of new and used goods to retailers, to industrial, commercial, institutional or professional users, or to other wholesalers. It does not include the wholesale of motor vehicles or motor cycles.

This code is divided into six groups (13 classes): *511 - Wholesale on a fee or contract basis, 512 - Wholesale of agricultural raw materials, live animals, food, beverages and tobacco, 513 - Wholesale of household goods, 514 - Wholesale of non-agricultural intermediate products, waste and scrap, 515 - Wholesale of machinery, equipment* and *supplies* and *519 - Other wholesale.* For measuring gross value added as deflated turnover it may be desirable to sub-divide the groups into the underlying classes. This will depend on how important the industry is to the country's economy and how accurate the output can be measured (eg turnover and prices).

ISIC group	Description	Explanatory notes	Preferred	
511	*Wholesale on a fee or contract basis*	Includes 5110 - wholesale on a fee or contract basis and activities of wholesale auction houses Excludes wholesale trade in own name, retail sale by agents, activities of insurance and real estate agents	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of commission agents, commodity brokers and wholesale auction houses or administrative data from tax returns	Weighted appropriate price indices Examples are : - PPIs for all products sold
512	*Wholesale of agricultural raw materials, live animals, food, beverages and tobacco*	Includes wholesale of: 5121 - agricultural raw materials and live animals 5122 - wholesale of food, beverages and tobacco Excludes wholesale of textile fibres and the blending of wine or distilled spirits	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of wholesalers of agricultural raw materials, live animals, food, beverages and tobacco, or administrative data from tax returns which could be split by type of agricultural raw product Examples are: - Agricultural raw materials - Food, beverages and tobacco	Weighted appropriate price indices Examples are : - PPI: Agricultural raw materials - PPI: Food and beverages - PPI: Tobacco products excluding duty
513	*Wholesale of household goods*	Includes wholesale of: 5131- textiles, clothing and footwear 5139 - other household goods Excludes wholesale of textile fibres and office furniture	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of wholesalers of household goods or administrative data from tax returns which could be split by type of household goods Examples are: - Textiles, clothing and footwear - Other household goods	Weighted appropriate price indices Examples are : - PPI: Textiles, clothing and footwear - PPI: Household furniture and appliances - PPI: Pharmaceuticals and cosmetics - PPI: Other household goods
514	*Wholesale of non-agricultural intermediate products waste and scrap*	Includes wholesale of: 5141 - solid, liquid and gaseous fuels and related products 5142 - metals and metal ores 5143 - construction materials, hardware, plumbing and heating equipment and supplies 5149 - other intermediate products, waste and scrap Excludes the real transformation of waste, scrap and other articles into secondary raw materials and the treatment of waste for disposal	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of wholesalers of non-agricultural intermediate products, waste and scrap, or administrative data from tax returns which could be split by non-agricultural intermediate product Examples are: - Solid, liquid and gaseous fuels - Metals and metal ores - Construction materials - Intermediate products, waste and scrap	Weighted appropriate price indices Examples are : - PPI: Coal and petroleum products (excluding duty) - PPI: Metals and metal ores - PPI: Construction materials - PPI: Waste and scrap
515	*Wholesale of machinery, equipment and supplies*	Includes wholesale of: 5151 - computers, computer peripheral equipment, software 5152 - electronic and telecommunications parts and equipment 5159 - other machinery, equipment and supplies Excludes the wholesale of motor vehicles, trailers, caravans, motor vehicle parts, motorcycles and bicycles	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of wholesalers of machinery, equipment and supplies, or administrative data from tax returns which could be split by machinery and equipment type Examples are: - Computers and software - Electronic and telecommunications equipment - Office machinery and equipment	Weighted appropriate price indices Examples are : - PPI: Computers and software - PPI: Electronic and telecommunications equipment - PPI: Office machinery and equipment
519	*Other wholesale*	Includes wholesale of: 5190 - other	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of wholesalers of other types of goods, or administrative data from tax returns	Weighted appropriate price indices Examples are : - PPIs of various miscellaneous goods

PPI is Services producer price index.

and motorcycles

Turnover data are defined as receipts from sales excluding VAT and other taxes on products plus any subsidies on products. **Preferred deflators** to use are mostly service producer price indices. If available wholesale price indices can be substituted, or if imports are a significant source of goods for the wholesaler, then import price indices are an acceptable alternative.

Note: Within the wholesale and retail industries, output is the trade margin. Theoretically this can be measured by taking the difference between deflated sales and deflated purchases. However, if it is assumed that the volume of margins follows the volume of sales (or equivalently, that the margin-to-sales ratios are constant at constant prices), then gross turnover deflated by appropriate quality adjusted price indices is a more achievable method.

Alternative		Other	ISIC class
Gross turnover deflated by partially representative price indices Turnover from survey of commission agents, commodity brokers and wholesale auction houses <center>Or</center> **Production output index** Lagged index of production for the manufacture of all goods	Deflated by partially representative PPIs or a general price index	**Volume indicators** Examples are : - Employment	*511*
Gross turnover deflated by partially representative price indices Turnover from survey of wholesalers of agricultural raw materials, live animals, food, beverages and tobacco, or administrative data from tax returns <center>Or</center> **Production output index** Lagged index of production for: - agriculture - the manufacture of food, beverages and tobacco	Deflated by partially representative PPIs or a general price index	**Volume indicators** Examples are : - Employment - Tonnes of agricultural raw materials	*512*
Gross turnover deflated by partially representative price indices Turnover from survey of wholesalers of household goods or administrative data from tax returns <center>Or</center> **Production output index** Lagged index of production for the manufacture of: - textiles, clothing, and footwear - other household goods, such as furniture, lighting equipment, cutlery and glassware	Deflated by partially representative PPIs or a general price index	**Volume indicators** Examples are: - Employment	*513*
Gross turnover deflated by partially representative price indices Turnover from survey of wholesalers of non-agricultural intermediate products, waste and scrap, or administrative data from tax returns <center>Or</center> **Production output index** Lagged index of production for the manufacture of: - solid, liquid and gaseous fuels - metals and metal ores - construction materials, hardware, plumbing and heating equipment supplies - intermediate products, such as industrial chemicals, waste and scrap	Deflated by partially representative PPIs or a general price index	**Volume indicators** Examples are: - Employment - Tonnes of intermediate products	*514*
Gross turnover deflated by partially representative price indices Turnover from survey of wholesalers of machinery, equipment and supplies, or administrative data from tax returns <center>Or</center> **Production output index** Lagged index of production for the manufacture of: - computers and computer peripherals - electronic and telecommunications equipment - office machinery and other machinery, equipment and supplies	Deflated by partially representative PPIs or a general price index	**Volume indicators** Examples are: - Employment	*515*
Gross turnover deflated by appropriate quality adjusted price indices Turnover from survey of wholesalers of other types of goods, or administrative data from tax returns <center>Or</center> **Production output index** Lagged index of production for the manufacture of: - miscellaneous goods	Deflated by partially representative PPIs or a general price index	**Volume indicators** Examples are: - Employment	*519*

Code 52: Retail trade, except of motor vehicles and motorcycles; repair of

This code covers the resale (sale without transformation), repair and installation of new and used goods mainly to the general public for personal or household consumption or utilisation. It does not include the sale of motor vehicles, motorcycles and automotive fuel, nor the sale of food and drinks for the consumption on the premises.

This code is divided into six groups (13 classes): *521 - Non-specialised retail trade in stores; 522 - Retail sale of food, beverages and tobacco in specialised stores; 523 - Other retail trade of new goods in specialised stores; 524 - Retail sale of second-hand goods in stores; 525 - Retail trade not in stores* and *526 - Repair of personal and household goods*. For measuring gross value added as deflated turnover it may be desirable to sub-divide the groups into the underlying classes. This will depend on how important the industry is to the country's economy and how accurate the output can be measured (eg turnover and prices). An estimate for **smuggling of alcohol and tobacco** can also be included in this code.

ISIC group	Description	Explanatory notes	Preferred	
521	*Non-specialised retail trade in stores*	Includes 5211 - retail sale in non-specialised stores with food, beverages or tobacco predominating 5212 - other retail sale in non-specialised stores, including activities of department stores	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of non-specialised retail stores or administrative data from tax returns which could be split by type of retail outlet. Examples are: - Non-specialised stores with predominant food, beverages and tobacco sales - Other non-specialised stores such as department stores	Weighted appropriate price indices Examples are : - CPI: Food and beverages - CPI: Cigarettes and tobacco - CPI: Pharmaceutical and medical goods, cosmetic and toilet articles - CPI: Textiles, clothing, footwear and leather goods - CPI: Household appliances - CPI: Hardware, paints and glass
522	*Retail sale of food, beverages and tobacco in specialised stores*	5220 - stores specialising in the sale of merchandise lines, such as fruit and vegetables, meat and meat products, fish and other seafood products, bakery products or tobacco products	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of stores specialising in the retail sale of food, beverages and tobacco, or administrative data from tax returns which could be split by type of specialised outlet. Examples are: - Greengrocers, bakers, tobacconists, butchers, fishmongers	Weighted appropriate price indices Examples are : - CPI: Fruit and vegetables - CPI: Meat and meat products - CPI: Fish and seafood products - CPI: Bread and cakes - CPI: Cigarettes and tobacco
523	*Other retail trade of new goods in specialised stores*	Includes retail sale of 5231 - pharmaceutical and medical goods, cosmetic and toilet articles 5232 - textiles, clothing, footwear and leather goods 5233 - household appliances, articles and equipment 5234 - hardware, paints, glass 5239 - other goods Excludes the retail sale of second-hand or antique books	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of stores specialising in the retail sale of other new goods, or administrative data from tax returns which could be split by type of specialised outlet. Examples are: - Pharmacies - Clothing and textiles shops - Footwear and leather goods shops - Household appliances shops - Hardware shops	Weighted appropriate price indices Examples are : - CPI: Pharmaceutical and medical goods - CPI: Textiles and clothing - CPI: Footwear and leather goods - CPI: Household appliances - CPI: Hardware, paints and glass
524	*Retail sale of second-hand goods in stores*	5240 - second-hand books, antiques and other second-hand goods; activities of retail auctioning houses Excludes second-hand motor vehicles, pawn shops, internet auctions and other non-store retail auctions	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of stores specialising in the retail sale of second-hand goods, or administrative data from tax returns which could be split by type of outlet. Examples are: - Antiques and second-hand book shops - Other second-hand goods shops	Weighted appropriate price indices Examples are : - CPI: Antiques - CPI: Second-hand books - CPI: Other second-hand goods
525	*Retail trade not in stores*	Includes 5251 - retail sales via mail order houses and direct sales via television, radio, telephone and internet 5252 - retail sales via stalls and markets 5259 - other non-store retail sales such as door-to-door and vending machines	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of non-store retail outlets, or administrative data from tax returns which could be split by type of retail trade not in store. Examples are: - Mail order houses - Internet, television, other direct sales - Stalls and markets - Vending machines	Weighted appropriate price indices Examples are : - CPI: Food and beverages - CPI: Pharmaceutical and medical goods, cosmetic and toilet articles - CPI: Textiles, clothing, footwear and leather goods - CPI: Household appliances, articles and equipment
526	*Repair of personal and household goods.*	5260 - repair of household appliances, consumer electronics, shoes, clothing, watches etc., piano-tuning and while-you-wait services	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of repairers of personal and household goods, or administrative data from tax returns which could be split by type of repair of personal and household goods. Examples are: - household and consumer appliances - shoes, clothing and watches	Weighted appropriate price indices Examples are : - CPI: Repair of household appliances - CPI: Repair of leather goods - CPI: Repair of clocks and watches

CPI is Consumer price index.

personal and household goods

Turnover data are defined as receipts from sales excluding VAT and other taxes on products plus any subsidies on products. If retail forms only part of the business, then ideally only the retail element of the business's turnover should be used. **Preferred deflators** to use are consumer price indices.

Note: Within the wholesale and retail industries, output is the trade margin. Theoretically this can be measured by taking the difference between deflated sales and deflated purchases. However, if it is assumed that the volume of margins follows the volume of sales (or equivalently, that the margin-to-sales ratios are constant at constant prices), then gross turnover deflated by appropriate quality adjusted price indices is a more achievable method.

Alternative		Other	ISIC class
Gross turnover deflated by partially representative price indices Turnover from survey of non-specialised retail stores or administrative data from tax returns	Deflated by partially representative CPIs or a general price index	**Volume indicators** Examples are: - Employment	*521*
Gross turnover deflated by partially representative price indices Turnover from survey of stores specialising in the retail sale of food, beverages and tobacco, or administrative data from tax returns	Deflated by partially representative CPIs or a general price index	**Volume indicators** Examples are: - Employment	*522*
Gross turnover deflated by partially representative price indices Turnover from survey of stores specialising in the retail sale of other new goods, or administrative data from tax returns	Deflated by partially representative CPIs or a general price index	**Volume indicators** Examples are: - Employment	*523*
Gross turnover deflated by partially representative price indices Turnover from survey of stores specialising in the retail sale of second-hand goods, or administrative data from tax returns	Deflated by partially representative CPIs or a general price index	**Volume indicators** Examples are: - Employment	*524*
Gross turnover deflated by partially representative price indices Turnover from survey of non-store retail outlets, or administrative data from tax returns	Deflated by partially representative CPIs or a general price index	**Volume indicators** Examples are: - Employment	*525*
Gross turnover deflated by partially representative price indices Turnover from survey of repairers of personal and household goods, or administrative data from tax returns	Deflated by partially representative CPIs or a general price index	**Volume indicators** Examples are: - Employment	*526*

Code 55: Hotels and Restaurants

This division covers the provision of hotel and other short-stay accommodation and the provision of food, drink and club entertainment. The division is divided into two classes: *5510 - Hotels; camping sites and other provision of short-stay accommodation* and *5520 - Restaurants, bars and canteens*. For measuring gross value added as deflated turnover it may be desirable to use a lower level of industrial activity. This will depend on how important the industry is to the country's economy and how accurate the output can be measured (eg turnover and prices). The choice for this depends on the relative changes in the output of the different types of establishment over time and respective movements in their prices. The table below shows how the groups might be further subdivided.

ISIC class	Description	Explanatory notes	Preferred
5510	*Hotels; camping sites and other provision of short-stay accommodation*	*This may be subdivided Examples are:* Hotels, motels and inns Includes licensed and unlicensed restaurant facilities and conference facilities	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of hotels, motels and inns or administrative data from tax returns — Weighted appropriate price indices Examples are : - CPI: Hotels - CPI: Domestic holidays (non self-catering) - CPI: Camping sites - CPI: Restaurant meals - CPI: Beer 'on' sales - CPI: Wines and spirits 'on' sales - PPI: Accommodation - PPI: Conference rooms Or **Volume indicators** Examples are: - Number of bed nights: Luxury hotels, City hotels, Rural hotels and inns, Motels
		Holiday resorts, chalets, flats and cottages; guest houses, farm houses and youth hostels; camping sites	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of holiday resorts, and providers of other short-stay accommodation including camping sites or administrative data from tax returns — Weighted appropriate price indices Examples are : - CPI: Domestic holidays (self-catering) - CPI: Domestic holidays (non self-catering) - CPI: Camping sites Or **Volume indicators** Examples are: - Number of bed nights: Holiday centres, Guest houses and farm houses, Youth hostels - Number of pitch nights: Caravans, Tents
5520	*Restaurants, bars and canteens*	*This may be subdivided Examples are:* **Restaurants**, including licensed and unlicensed premises, self-service restaurants; burger bars and fast-food outlets and ice cream parlours	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of restaurants and other suppliers of meals or administrative data from tax returns which could be split by type of restaurant Examples are: - Licensed / unlicensed restaurants - Chinese, French, Italian, Japanese etc. - Take-away food shops Weighted appropriate price indices Examples are : - CPI: Restaurant meals - CPI: Beer 'on' sales - CPI: Wines and spirits 'on' sales - CPI: Self-service meals - CPI: Burgers to eat-in - CPI: Take-aways and snacks
		Licensed clubs, including night clubs and social clubs	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of licensed clubs or administrative data from tax returns — Weighted appropriate price indices Examples are : - CPI: Night-club admissions - CPI: Beer 'on' sales - CPI: Wines and spirits 'on' sales
		Public houses and bars including independent, tenanted and managed public houses and bars but excluding sales through vending machines	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of public houses and bars or administrative data from tax returns — Weighted appropriate price indices Examples are : - CPI: Beer 'on' sales - CPI: Wines and spirits 'on' sales - CPI: Restaurant meals - CPI: Pub meals - CPI: Cigarettes and tobacco
		Canteens and catering including the supply of prepared meals to airlines and other organisations	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of canteens and catering or administrative data from tax returns — Weighted appropriate price indices eg: - CPI: Canteens and catering - PPI: Catering for functions

CPI is Consumer price index.
PPI is Services producer price index

Turnover data are defined as receipts from sales excluding VAT and other taxes on products plus any subsidies on products. **Preferred deflators** to use are mostly consumer price indices with some service producer price indices. *Smuggling of alcohol and tobacco* , if significant, should be included in the Hotels and restaurants value added index. Such estimates can be made with the advice of a country's agency which deals with detecting these forms of smuggling.

Alternative		Other	ISIC class
			5510
Gross turnover deflated by partially representative price indices		**Volume indicators**	
Turnover from survey of hotels, motels and inns or administrative data from tax returns	Deflated by partially representative CPIs and PPIs or a general price index	Examples are: - Employment	
Or **Volume indicators** Examples are: - Number of beds			
Gross turnover deflated by partially representative price indices		**Volume indicators**	
Turnover from survey of holiday resorts, and providers of other short-stay accommodation including camping sites or administrative data from tax returns	Deflated by partially representative CPIs or a general price index	Examples are: - Employment	
Or **Volume indicators** Examples are: - Number of beds - Number of pitches			
			5520
Gross turnover deflated by partially representative price indices		**Volume indicators**	
Turnover from survey of restaurants and other suppliers of meals or administrative data from tax returns	Deflated by partially representative CPIs or a general price index	Examples are: - Employment	
Or **Volume indicators** Examples are: - Number of meals sold - Number of customers			
Gross turnover deflated by partially representative price indices		**Volume indicators**	
Turnover from survey of licensed clubs or administrative data from tax returns or excise duty revenue	Deflated by partially representative CPIs or a general price index	Examples are: - Employment	
Or **Volume indicators** Examples are: - Number of admissions - Number of drinks sold			
Gross turnover deflated by partially representative price indices		**Volume indicators**	
Turnover from survey of public houses and bars or administrative data from tax returns or excise duty revenue	Deflated by partially representative CPIs or a general price index	Examples are: - Employment	
Or **Volume indicators** Examples are: - Number of drinks sold - Number of meals sold			
Gross turnover deflated by partially representative price indices		**Volume indicators**	
Turnover from survey of canteens and catering or administrative data from tax returns	Deflated by partially representative PPIs and CPIs or a general price index	Examples are: - Employment	
Or **Volume indicators** Examples are: - Number of meals sold - Number of customers			

Code 60: Land transport; transport via pipelines

This division covers the transportation of goods and people across land, by rail, lorry, bus or taxi and the transport of gases, liquids etc via pipelines. It does not include self-drive car hire nor the distribution of natural and manufactured gas, water and steam from the distributor to the final users.

The division is divided into five classes: *6010 - Transport via railways; 6021 - Other scheduled passenger land transport; 6022 - Other non-scheduled passenger land transport; 6023 - Freight transport by road and 6030 - Transport via pipelines.* For measuring gross value added as deflated turnover it may be desirable to sub-divide rail transport between passengers and freight and sub-divide other non-scheduled passenger transport between taxis and other transport. This will depend on how important the industry is to the country's economy and how accurate the output can be measured (eg turnover and prices).

ISIC class	Description	Explanatory notes	Preferred

6010	*Transport via railways*	Excludes passenger and freight terminal activities, cargo handling storage and other auxiliary activities, urban and suburban transportation by underground, metro and similar systems, maintenance and minor repairs of rolling stock	**Gross turnover deflated by appropriate quality adjusted price indices**
			
			Turnover from survey of rail transport providers or administrative data from tax returns which could be split by goods and people being transported
			Examples are:
			 - Passengers
			 - Freight
			
			Weighted appropriate price indices
			Examples are :
			 - CPI: Rail fares
			 - PPI: Rail freight charges
			
			Or
			Volume indicators
			
			Examples are:
			 - Passenger-kilometres travelled: First class ticket holders
			  Second class ticket holders
			  Third class ticket holders
			 - Tonnes-kilometres transported: Within 24 Hours
			  Two to three days
			  Four to seven days
			  Over a week

6021	*Other scheduled passenger land transport*	Includes interurban coach services using scheduled routes, picking up and setting down passengers at normally fixed stops. Includes urban and suburban railway transportation by underground, metro and similar systems, funicular railways, aerial cableways, tramways and streetcars	**Gross turnover deflated by appropriate quality adjusted price indices**
			
			Turnover from survey of other scheduled passenger land transport or administrative data from tax returns
			
			Weighted appropriate price indices
			Examples are :
			 - CPI: Underground railways
			 - CPI: Other metro fares
			 - CPI: Bus and coach fares
			Or
			Volume indicators
			
			Examples are:
			 - Passenger-kilometres travelled: First class ticket holders
			  Second class ticket holders
			  Third class ticket holders

6022	*Other non-scheduled passenger land transport*	Includes renting of private cars with driver and renting of non-scheduled buses, coaches, etc	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of other non-scheduled passenger land transport or administrative data from tax returns which could be broken down by type of non-scheduled transportation Examples are: - Taxi operation - Other Weighted appropriate price indices Examples are : - CPI: Taxi and minicab fares - PPI: Non-local bus or coach journeys all hirings
6023	*Freight transport by road*	Comprises all forms of haulage, including logging haulage, renting of trucks with driver. Excludes freight terminals	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of freight transporters or administrative data from tax returns Weighted appropriate price indices Examples are : - PPI: Road haulage Or **Volume indicators** Examples are: - Tonnes-kilometres transported: Premium service Standard service
6030	*Transport via pipelines*	Includes transport of gases, liquids, slurry and other commodities other than the distribution of natural or manufactured gas, water or steam. Includes pumping stations	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of appropriate units of the oil industry or administrative data from tax returns Weighted appropriate price indices Examples are : - PPI: Crude petroleum oils - PPI: Road haulage Or **Volume indicators** Examples are: - Cubic metres-kilometres transported

CPI is Consumer price index.
PPI is Services producer price index.

Turnover data are defined as receipts from fares, freight and pipeline transport excluding VAT and other taxes on products plus any subsidies on products. Deflators for rail transport can be difficult to measure because of possible special price offers and the difficulty of adjusting for quality changes (e.g. speed, comfort, reliability, timeliness). An alternative preferred measure is to use volume indicators such as passenger-kilometres travelled and tonnes of freight-kilometres transported.

Alternative	Other	ISIC class

Gross turnover deflated by partially representative price indices
Turnover from survey of rail transport providers or administrative data from or administrative data from tax returns   Deflated by partially representative CPIs and PPIs or a general price index
Or
Volume indicators
Examples are:
  - Number of passengers: Season ticket holders / Full price ticket holders / Reduced price ticket holders
  - Number of tonnes of freight: Coal and coke / Metals / Construction / Oil and petroleum / International / Domestic inter-modal / Other commodities
	Volume indicators
	Examples are:
	    - Employment
		6010

Gross turnover deflated by partially representative price indices
Turnover from survey of other scheduled passenger land transport or administrative data from tax returns   Deflated by partially representative CPIs or a general price index
Or
Volume indicators
Examples are:
  - Number of passengers: Season ticket holders / Full price ticket holders / Reduced price ticket holders
	Volume indicators
	Examples are:
	    - Employment
		6021

Gross turnover deflated by partially representative price indices
Turnover from survey of taxi operators or administrative data from tax returns   Deflated by partially representative CPIs or a general price index
Or
Volume indicators
Examples are:
  - Number of trips
	Volume indicators
	Examples are:
	  - Number of vehicles licensed
	  - Number of drivers licensed
	    - Employment
		6022

Gross turnover deflated by partially representative price indices
Turnover from survey of freight transporters or administrative data from tax returns   Deflated by partially representative CPIs or a general price index
Or
Volume indicators
Examples are:
  - Number of kilometres travelled
  - Number of tonnes carried
	Volume indicators
	Examples are:
	  - Number of vehicles licensed
	  - Number of drivers licensed
	    - Employment
		6023

Gross turnover deflated by partially representative price indices
Turnover from survey of appropriate units of the oil industry or administrative data from tax returns   Deflated by partially representative PPIs or a general price index
Or
Volume indicators
Examples are:
  - Cubic metres transported
	Volume indicators
	Examples are:
	    - Employment
		6030

Code 61: Water transport

This code covers the transport of passengers and freight over water, whether scheduled or not. It does not include restaurant and bar activities on board ships, except when delivered as an integral part of transportation.

This code is divided into two classes: *6110 - Sea and coastal water transport* and *6120 - Inland water transport.* For measuring gross value added as deflated turnover it may be desirable to sub-divide each of these classes into passenger and freight transport. This will depend on how important the industry is to the country's economy and how accurate the output can be measured (eg turnover and prices).

ISIC class	Description	Explanatory notes	Preferred
6110	*Sea and coastal water transport*	Includes transport of passengers and freight over seas and coastal water, whether scheduled or not. It also includes transport via great lakes requiring similar types of vessels Excludes restaurant and bar activities on board ships, except when integral part of transportation; cargo handling, storage of freight, harbour and other auxiliary activities; operation of gambling cruises.	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of sea and coastal water transport providers or administrative data from tax returns, which could be split by passengers and goods being transported. Examples are: - Excursions, cruises, sightseeing boats, - Ferries and water taxis - Rental of ships and boats with crew for freight - Transport, towing of barges and oil rigs Weighted appropriate price indices Examples are : - CPI: Sea travel - PPI: Sea freight (imports) - PPI: Sea freight (exports) Or **Volume indicators** Examples are: - Passenger-kilometres: Cruises Day excursions and sightseeing Ferries and water taxis - Tonnes-kilometres transported: Oil and petroleum Other goods - containerised Other goods - non-containerised
6120	*Inland water transport*	Includes the transport of passengers or freight via, rivers, lakes, canals and other inland waterways, including inside harbours and ports	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of inland waterway transport providers or administrative data from tax returns, which could be split by passengers and goods being transported. Examples are: - Excursions, sightseeing boats - Ferries and water taxis - Freight by barges - Freight by seagoing vessels Weighted appropriate price indices Examples are : - CPI: River and canal excursions - CPI: Inland ferries and water taxis - PPI: Inland waterways freight (internal traffic) - PPI: Inland waterways freight (seagoing traffic) Or **Volume indicators** Examples are: - Passenger-kilometres River and canal excursions Inland ferries and water taxis - Tonnes-kilometres transported: Bulk liquids Bulk dry goods Other goods

CPI is Consumer price index.
PPI is Services producer price index.

Turnover data are defined as receipts from sales excluding VAT and other taxes on products plus any subsidies on products. **Preferred deflators** to use are a mix of consumer price indices and producer price indices.

Alternative		Other	ISIC class
Gross turnover deflated by partially representative price indices		**Volume indicators**	*6110*
Turnover from survey of sea and coastal water transport providers or administrative data from tax returns	Deflated by partially representative CPIs and PPIs or a general price index	Examples are: - Employment	
Or **Volume indicators**			
Examples are:			
- Number of passengers carried:	Cruises Day excursions and sightseeing Ferries and water taxis		
- Tonnes transported:	Oil and petroleum Other goods - containerised Other goods - non-containerised		
- Number of vehicles transported:	Cars Other vehicles		
- Number of containers transported:	Refrigerated Non-refrigerated		
Gross turnover deflated by partially representative price indices		**Volume indicators**	*6120*
Turnover from survey of inland waterway transport providers or administrative data from tax returns	Deflated by partially representative CPIs and PPIs or a general price index	Examples are: - Employment	
Or **Volume indicators**			
Examples are:			
- Number of passengers carried:	River and canal excursions Inland ferries and water taxis		
- Tonnes transported:	Bulk liquids Bulk dry goods Other goods		
- Number of vehicles transported:	Cars Other vehicles		
- Number of containers transported:	Refrigerated Non-refrigerated		

Code 62 : Air transport

This code covers the transport of passengers and freight by air or via space or over water, whether scheduled or not. It does not include crop spraying, aerial advertising or aerial photography.

This code is divided into two classes: *6210 - Scheduled air transport* and *6220 - Non-scheduled air transport.* For measuring gross value added as deflated turnover it may be desirable to sub-divide each of these classes into passenger and freight transport. This will depend on how important the industry is to the country's economy and how accurate the output can be measured (eg turnover and prices).

ISIC class	Description	Explanatory notes	Preferred
6210	*Scheduled air transport*	Includes transport of passengers and freight by air over regular routes and on regular schedules Excludes regular charter flights	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of scheduled air transport providers or administrative data from tax returns, which could be split by passengers and goods being transported. Examples are: - Internal passenger flights - Trans-continental passenger flights - Inter-continental passenger flights - Transport of freight via internal flights - Transport of freight via trans-continental flights - Transport of freight via inter-continental flights Weighted appropriate price indices Examples are : - CPI: Internal air travel - CPI: Trans-continental air travel - CPI: Inter-continental air travel - PPI: Air freight (imports) - PPI: Air freight (exports) Or **Volume indicators** Examples are: - Passenger-kilometres: Executive, first class / Business class / Economy, tourist class - Tonnes-kilometres transported: First, premier services / Value services / Charter services
6220	*Non-scheduled air transport*	Includes non-scheduled transport of passengers or freight by air, scenic and sightseeing flights, regular charter flights, renting of air-transport equipment with operator, launching of satellites and space vehicles, space transport of physical goods and passengers	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of non-scheduled air transport providers or administrative data from tax returns, which could be split by passengers and goods being transported. Examples are: - Passenger charter flights - Other non-scheduled passenger flights - Freight charter flights - Other non-scheduled freight flights Weighted appropriate price indices Examples are : - CPI: Charter air fares - CPI: Other non-scheduled air fares - PPI: Charter air fares - PPI: Other non-scheduled air fares Or **Volume indicators** Examples are: - Passenger-kilometres: Charter flights / Other non-scheduled flights - Tonnes-kilometres transported: Charter flights / Other non-scheduled flights

CPI is Consumer price index.
PPI is Services producer price index.

Turnover data are defined as receipts from sales excluding VAT and other taxes on products plus any subsidies on products. **Preferred deflators** to use are a mix of consumer price indices and producer price indices.

Alternative		Other	ISIC class
Gross turnover deflated by partially representative price indices Turnover from survey of scheduled air transport providers or administrative data from tax returns or airport tax revenue	Deflated by partially representative CPIs and PPIs or a general price index	**Volume indicators** Examples are: - Employment	*6210*
Or **Volume indicators** Examples are: - Number of passengers carried: Executive, first class Business class Economy, tourist class - Number of tonnes transported: First, premier services Value services Charter services - Number of aircraft movements: Arrivals Departures			
Gross turnover deflated by partially representative price indices Turnover from survey of non-scheduled air transport providers or administrative data from tax returns	Deflated by partially representative CPIs and PPIs or a general price index	**Volume indicators** Examples are: - Employment	*6220*
Or **Volume indicators** Examples are: - Number of passengers carried: Charter flights Other non-scheduled flights - Number of tonnes transported: Charter flights Other non-scheduled flights - Number of aircraft movements: Arrivals Departures			

Code 63 : Supporting and auxiliary activities; activities of travel agencies

This code covers activities related to the handling of freight immediately before or after transport or between transport segments; the operation and maintenance of all transport facilities; activities assisting passengers such as those of travel agencies. It does not include the operation of flying schools or docking facilities related to pleasure boats or activities related to the arrangement of freight insurance.

This code is divided into five classes: *6301 - Cargo handling, 6302 - Storage and warehousing, 6303 Other supporting transport activities, 6304 - Activities of travel agencies and tour operators; tourist assistance activities not elsewhere classified* and *6309 - Activities of other transport agencies.* For measuring gross value added as deflated turnover it may be desirable to sub-divide some of these classes. This will depend on how important the industry is to the country's economy and how accurate the output can be measured (eg turnover and prices).

ISIC class	Description	Explanatory notes	Preferred	
6301	*Cargo handling*	Includes loading and unloading of goods or passengers' luggage irrespective of the mode of transport used for transportation; stevedoring	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of cargo handlers or administrative data from tax returns which could be split by type of transportation Examples are: - Sea, river, canal ports - Airports - Road, rail depots	Weighted appropriate price indices Examples are : - PPI: Cargo handling
6302	*Storage and warehousing*	Includes the operation of storage and warehouse facilities for all kind of goods; storage of goods in foreign trade zones	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of storage and warehouse providers or administrative data from tax returns which could be split by type of storage operation Examples are: - Grain silos - General merchandise warehouses - Refrigerated warehouses - Storage tanks - Storage of goods in foreign trade zones	Weighted appropriate price indices Examples are : - PPI: Storage and warehousing
6303	*Other supporting transport activities*	Includes activities related to land, water or air transport of passengers, animals or freight; fire fighting and fire-prevention services at airports; maintenance and minor repair of rolling stock Excludes the operation of flying schools and of docking facilities related to pleasure boats (marinas)	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of providers of other supporting transport activities or administrative data from tax returns which could be split by type of other transport activity Examples are: - Land transport, eg bus and railway stations - Water transport, eg harbours, piers and locks - Air transport, eg airports, air-traffic-control, ground services at airfields including fire fighting	Weighted appropriate price indices Examples are : - PPI: Miscellaneous transport activities
6304	*Activities of travel agents and tour operators; tourist assistance activities not elsewhere classified*	Includes activities of travel agencies, of local tourist information offices and accommodation offices and of tourist guides	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of travel agents, tour operators and providers of tourist assistance or administrative data from tax returns which could be split by type of travel operation Examples are: - Travel agents - Tour operators - Local tourist information and accommodation offices - Tourist guides	Weighted appropriate price indices Examples are : - CPI: Holidays - PPI: Travel agents and tour operators
6309	*Activities of other transport agencies*	Includes forwarding of freight, goods-handling operations such as crating goods for transit, activities of customs agents Excludes courier activities and activities related to the arrangement of freight insurance	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of providers of other transport agencies or administrative data from tax returns, which could be split by type of other transport activity Examples are: - Freight forwarding - Goods handling operations - Customs agents	Weighted appropriate price indices Examples are : - PPI: Freight forwarding - PPI: Freight logistics

CPI is Consumer price index.
PPI is Services producer price index.

Turnover data are defined as receipts from sales excluding VAT and other taxes on products plus any subsidies on products.
Preferred deflators to use are mainly producer price indices with some consumer price indices.

Alternative	Other	ISIC class

Gross turnover deflated by partially representative price indices
Turnover from survey of cargo handlers or administrative data from tax returns — Deflated by partially representative PPIs or a general price index
Or
Volume indicators
Examples are:
   - Tonnes of goods handled
	Volume indicators
	Examples are:
	      - Employment
		6301

Gross turnover deflated by partially representative price indices
Turnover from survey of storage and warehouse providers or administrative data from tax returns — Deflated by partially representative PPIs or a general price index
Or
Volume indicators
Examples are:
   - Tonnes of goods handled
	Volume indicators
	Examples are:
	      - Employment
		6302

Gross turnover deflated by partially representative price indices Turnover from survey of providers of other supporting transport activities or administrative data from tax returns — Deflated by partially representative PPIs or a general price index	**Volume indicators** Examples are: - Employment	*6303*

Gross turnover deflated by partially representative price indices
Turnover from survey of travel agents, tour operators and providers of tourist assistance or administrative data from tax returns — Deflated by partially representative PPIs and CPIs or a general price index
Or
Volume indicators
Examples are:
   Number of bookings: Domestic
          Trans-continental
          Inter-continental
	Volume indicators
	Examples are:
	      - Employment
		6304

Gross turnover deflated by partially representative price indices
Turnover from survey of providers of other transport agencies or administrative data from tax returns — Deflated by partially representative PPIs or a general price index
Or
Volume indicators
Examples are:
   - Tonnes of goods carried
	Volume indicators
	Examples are:
	      - Employment
		6309

Code 64 : Post and telecommunications

This code covers National post activities, courier activities and telecommunications. It does not include financial activities carried out in combination with postal activities, the dissemination of information through web sites or the production of radio and television programmes.

This code is divided into three classes: *6411 - National post activities; 6412 - Courier activities other than national post activities* and *6420 - Telecommunications.* For measuring gross value added as deflated turnover it may be desirable to sub-divide the classes. This will depend on how important the industry is to the country's economy and how accurate the output can be measured (eg turnover and prices).

ISIC class	Description	Explanatory notes	Preferred	
6411	*National post activities*	Includes the pick up, transport and delivery of domestic and international mail and and parcels, mailbox rental, poste restante and sale of postage stamps Excludes postal giro and postal savings activities and other financial activities carried out in combination with postal activities	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of national post provider(s) or administrative data from tax returns, which could be split by type of national post activity Examples are: - Business letters and parcels - Consumer letters and parcels - Mailbox rental and poste restante - Sale of postage stamps	Weighted appropriate price indices Examples are : - CPI: Letters and parcels - CPI: Other mail services - PPI: Letters and parcels
			Or **Volume indicators**	
			Examples are: - Number of domestic letters: Premium service / Standard service - Number of international letters: Premium service / Standard service - Number of domestic parcels: Packages and small parcels / Large parcels - Number of international parcels: Packages and small parcels / Large parcels - Number of pick up points: Mailboxes / Poste restante	
6412	*Courier activities other than national post activities*	Includes the pick up, transport and delivery of letters and mail-type parcels and packages by firms other than national post; home delivery services	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of couriers or administrative data from tax returns, which could be split by type of other post activity Examples are: - Domestic - International - One-off contracts	Weighted appropriate price indices Examples are : - PPI: Domestic letters and parcels - PPI: Trans continental letters and parcels - PPI: Inter continental letters and parcels
			Or **Volume indicators**	
			Examples are: - Number of domestic letters: Premium service / Standard service - Number of international letters: Premium service / Standard service - Number of domestic packages/small parcels: Premium service / Standard service - Number of domestic large parcels: Premium service / Standard service - Number of international packages/small parcels: Premium service / Standard service - Number of international large parcels: Premium service / Standard service	
6420	*Telecommunications*	Includes the transmission of sound, images, data or other information via cables, broadcasting, relay or satellite, the maintenance of the network, internet access provision and public pay-telephone services Excludes the dissemination of information through web sites and the production of radio and television programmes	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of telecommunications providers or administrative data from tax returns, which could be split by type of telecommunications activity Examples are: - Fixed telephone services - Mobile telephone services - Transmission of radio and television programmes - Provision of internet access	Weighted appropriate price indices Examples are : - CPI: Telephone services - PPI: Telephone services - PPI: Transmission of radio and television programmes

CPI is Consumer price index.
PPI is Services producer price index.

Turnover data are defined as receipts from sales excluding VAT and other taxes on products plus any subsidies on products. **Preferred deflators** to use are mostly producer price indices with some consumer price indices.

Alternative		Other	ISIC class
Gross turnover deflated by partially representative price indices		**Volume indicators**	*6411*
Turnover from survey of national post provider(s) or administrative data from tax returns	Deflated by partially representative CPIs and PPIs or a general price index	Examples are: - Number of items carried (without distinction of type of mail) - Employment	
Or **Volume indicators**			
Examples are:			
- Number of letters:	Domestic International		
- Number of parcels:	Domestic International		
Gross turnover deflated by partially representative price indices		**Volume indicators**	*6412*
Turnover from survey of couriers or administrative data from tax returns,	Deflated by partially representative CPIs or a general price index	Examples are: - Number of items carried (without distinction of type of mail) - Employment	
Or **Volume indicators**			
Examples are:			
- Number of letters:	Domestic International		
- Number of parcels:	Domestic International		
Gross turnover deflated by partially representative price indices		**Volume indicators**	*6420*
Turnover from survey of telecommunications providers or administrative data from tax returns	Deflated by partially representative CPIs or a general price index	Examples are: - Employment	
Or **Volume indicators**			
Examples are:			
Number of calls made:	Fixed line nationa Fixed line internationa Mobile voice Mobile text		

Code 65 : Financial intermediation, except insurance and

This code covers the activity of obtaining and redistributing funds other than for the purpose of insurance or pension funding or compulsory social security

This code is divided into five classes: *6511 - Central banking; 6519 - Other monetary intermediation; 6591 - Financial leasing; 6592 - Other credit granting* and *6599 - Other financial intermediation not elsewhere classified.*

ISIC class	Description	Explanatory notes	Preferred
6511	*Central banking*	Includes holding the country's exchange reserves; acting as banker to the government	**Volume indicators** Examples are: - Central bank employees adjusted for productivty
6519	*Other monetary intermediation*	Includes monetary intermediation of monetary institutions other than central banks, such as banks, saving banks, discount houses, credit unions; plus postal giro and postal savings bank activities	**Non-FISIM** **Fee income deflated by appropriate quality adjusted price indices** Administrative or survey data which could be split by fees and commissions from different sources Examples are: - Investment banking, brokerage, underwriting, fiduciary activities etc. - Business loans, advances, current account charges etc. - Consumer loans, advances, current account charges etc. Weighted appropriate price indices Examples are: - CPI: Retail bank fees - CPI: Savings bank fees - CPI: Investment fund management fees - PPI: Retail bank fees - PPI: Merchant bank fees - PPI: Credit/debit card fees - PPI: Investment fund management fees - PPI: Security transaction fees Or **Volume indicators** Examples are: - Number of transactions: Bank credits and debits / Credit and debit cards Where fees are charged: - Number of loans: Own country businesses - own/foreign currency / Foreign country businesses - own/foreign currency / Consumers - property/non-property - Number of deposits: Own country businesses - own/foreign currency / Foreign country businesses - own/foreign currency **FISIM** **Income generated from interest margins deflated by a general price index** Administrative or survey data which could be split by income generated from different sources Examples are: - Stock of loans and deposits split by sector, type or purpose and weighted together by base period interest margins Weighted appropriate price indices Examples are: - General GDP deflator - Overall CPI Or **Volume indicators** Examples are: Number of bank accounts split by: - Number of loans: Own country businesses / Foreign country businesses / Consumers - Number of deposits: Own country businesses / Foreign country businesses / Consumers
6591	*Financial leasing*	Includes leasing where the term covers the expected life of the asset and the lessee acquires all benefits of its use and the risks associated with its ownership. Excludes operational leasing	**Volume indicators** as for 6519 FISM above
6592	*Other credit granting*	Includes financial intermediation primarily concerned with making loans by institutions not involved in monetary intermediation, such as granting of consumer credit, provision of long-term finance to industry, money lending outside the banking system, credit granting for house purchase by specialised non-depository institutions	**Non-FISIM** **Fee income deflated by appropriate quality adjusted price indices** as for 6519 above **FISIM** **Income generated from interest margins deflated by a general price index** as for 6519 above Or **Volume indicators** as for 6519 above
6599	*Other financial intermediation not elsewhere classified*	Includes other financial intermediation primarily concerned with distributing funds other than by making loans such as investment in securities, swaps and options; activities of financial holding companies	**Volume indicators** Examples are: - Total number of funds managed: Unit trusts / Investment trusts / Securities

CPI is Consumer price index.
PPI is Services producer price index.

pension funding

The output of financial intermediation services consists of two main components: financial intermediation services directly charged by financial intermediaries to their clients and financial intermediation services indirectly measured (FISIM).

FISIM output is generated from the management by financial intermediaries of loans and deposits whose rates they control, i.e. they generate income from the difference between their lending and borrowing interest rates. Output from financial intermediation outside FISIM can be measured as the sum of fees and commissions charged to clients.

Alternative	Other	ISIC class
Volume indicators Examples are: - Central bank employees		*6511*
Non-FISIM **Fee income deflated by partially represented price indices** Administrative data from tax returns / Deflated by partially representative PPIs and CPIs or a general price index Or **Volume indicators** Examples are: - Number of bank clearings - Number of credit card transactions - Number of debit card transactions - Number of investment funds managed - Number of securities transactions - Number of loans - Number of deposits	**Non-FISIM** **Volume indicators** Examples are: - Employment	*6519*
FISIM **Volume indicators** Examples are: - Number of loan accounts: - Number of deposit accounts: - Number of current accounts:	**FISIM** **Volume indicators** Examples are: - Employment	
Volume indicators Examples are: - Number of capital repayments - Number of outstanding credits	**Volume indicators** Examples are: - Employment	*6591*
Volume indicators Examples are: - Number of loans - Number of clients - Total assets - Total investments	**Volume indicators** Examples are: - Employment	*6592*
Volume indicators Examples are: - Number of funds managed - Number of clients - Total assets - Total investments	**Volume indicators** Examples are: - Employment	*6599*

Code 66 : Insurance and pension funding, except

This code covers units engaged in setting up and managing insurance funds for all kinds of insurance types (life and non-life) and units engaged in the provision of retirement incomes. It does not include compulsory social security or activities auxiliary to insurance and pension funding.

This code is divided into three classes: *6601 - Life insurance; 6602 - Pension funding* and *6603 - Non-life insurance.*

ISIC class	Description	Explanatory notes	Preferred

6601	*Life insurance*	Includes life insurance and life reinsurance with or without a substantial savings element	**Provisions deflated by the GDP deflator**
			Administrative data from balance sheet: Deflated by a general GDP deflator
			Examples are:
			 - Provisions less claims
			 - Long-term funds
			
			Or
			Volume indicators
			Examples are:
			        - Acquisition and administration of
			                life insurance policies: Single premium
			                                                    Term life
			                                                    Universal life
			                                                    Whole life

6602	*Pension funding*	Includes the provision of retirement incomes Excludes compulsory social security schemes	**Provisions deflated by the GDP deflator** Administrative data from balance sheet: Deflated by a general GDP deflator Examples are: - Provisions less claims - Long-term funds Or **Volume indicators** Examples are: - Acquisition and administration of pensions: Personal pensions Group pensions

6603	*Non-life insurance*	Includes insurance and reinsurance of non-life insurance business such as accident, fire, health, property, motor, marine, aviation, and transport insurance, pecuniary loss and liability insurance	**Provisions deflated by the GDP deflator**
			Administrative data from balance sheet: Deflated by a general GDP deflator
			Examples are:
			 - Provisions less claims
			 - General business technical reserves
			
			Or
			Volume indicators
			Examples are:
			 - Number of non-life insurance policies sold: Motor vehicles
			                                                                    Buildings
			                                                                    Accident and fire
			                                                                    Health
			                                                                    Pecuniary loss and liability

GDP is Gross Domestic Product

compulsory social security

Output of insurance services at current prices is measured as the sum of actual premiums earned and premium supplements less the claims due and the change in the actuarial reserves and reserves for with-profits. Output of pension funding services at current prices is measured as the sum of actual pensions contributions and supplementary contributions less the benefits due and the change in actuarial reserves. These are known as service charges. However, it is not practical to deflate services charges.

Alternatively, output can be considered as the pooling or transfer of risks. Insurance and pension companies make provisions in their balance sheets against future expected claims that reflect this risk. Changes in these provisions result not only from changes in risk, but also because of general changes in process and the occurrence of unexpected claims.

Alternative	Other	ISIC class
Volume indicators Examples are: - Number of life insurance policies sold: Single premium Term life Universal life Whole life	**Volume indicators** Examples are: - Life insurance policies sold (no breakdown) - Employment	*6601*
Volume indicators Examples are: - Number of pensions sold: Personal pensions Group pensions	**Volume indicators** Examples are: - Pensions sold - Employment	*6602*
Volume indicators Examples are: - Number of non-life insurance policies sold (no breakdown by type) - Number of clients	**Volume indicators** Examples are: - Employment	*6603*

Code 67 : Activities auxiliary to financial intermediation

This code covers the provision of services involved in or closely related to financial intermediation, but not themselves involving financial intermediation.

This code is divided into four classes: *6711 - Administration of financial markets; 6712 - Security dealing activities; 6719 - Activities auxiliary to financial intermediation not elsewhere classified and 6720 - Activities auxiliary to insurance and pension funding.*

ISIC class	Description	Explanatory notes	Preferred	
6711	*Administration of financial markets*	Includes the operation and supervision of financial markets other than by public authorities, such as stock exchanges and commodity exchanges	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of stock exchanges and commodity exchanges or administrative data from tax returns which could be split by type of market Examples are: - Stock exchanges - Commodity exchanges	Weighted appropriate price indices Examples are : - CPI: Financial services - PPI: Financial services
			Or **Volume indicators** Examples are: - Number of stockbroking transactions: - Number of commodity transactions: - Number of foreign exchange transactions:	Government securities with up to seven years to maturity Government securities with over seven years to maturity, or undated Ordinary and fixed interest shares Oil and petroleum Metals Foodstuffs US dollars Other
6712	*Security dealing activities*	Includes dealing in financial markets on behalf of others (eg stockbrokers) and related activities Excludes dealing in markets on own account	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of brokers or administrative data from tax returns	Weighted appropriate price indices Examples are: - CPI: Financial services - PPI: Financial services
			Or **Volume indicators** Examples are: - Number of transactions:	Ordinary and fixed interest shares Gilts (Government stocks) Investment and unit trusts Derivatives Mutual funds Foreign exchange
6719	*Activities auxiliary to financial intermediation not elsewhere classified*	Includes the activities of financial advisers, mortgage advisers and bureaux de change etc.	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of financial advisers, mortgage advisers etc., or administrative data from tax returns which could be split by type of financial service Examples are: - Financial advisers - Mortgage advisers - Bureaux de change	Weighted appropriate price indices Examples are: - CPI: Financial advice fees - CPI: Mortgage advice fees - CPI: Bureau de change commission fees
			Or **Volume indicators** Examples are: - Number of transactions:	Investments based on equities Savings accounts Mortgages Foreign currency exchanges
6720	*Activities auxiliary to insurance and pension funding*	Includes activities involved in or closely related to insurance and pension funding other than financial intermediation, such as insurance agents, loss adjusters, damage evaluators, actuaries and salvage administration Excludes marine salvage activities	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of insurance agents, loss adjusters, actuaries etc., or administrative data from tax returns	Weighted appropriate price indices Examples are: - CPI: Insurance premiums - PPI: Insurance premiums
			Or **Volume indicators** Examples are: - Number of insurance policies:	Life insurance Health insurance Buildings insurance Motor vehicle insurance

CPI is Consumer price index.
PPI is Services producer price index.

Turnover data are defined as receipts from sales excluding VAT and other taxes on products plus any subsidies on products. **Preferred deflators** to use are mostly consumer price indices with some services producer price indices.

Alternative		Other	ISIC class
Gross turnover deflated by partially representative price indices Turnover from survey of stock exchanges and commodity exchanges or administrative data from tax returns	Deflated by partially representative PPIs and CPIs or a general price index	**Volume indicators** Examples are: - Employment	*6711*
Or **Volume indicators** Examples are: - Number of stockbroking transactions - Number of commodity transactions - Number of foreign exchange transactions			
Gross turnover deflated by partially representative price indices Turnover from survey of brokers or administrative data from tax returns	Deflated by partially representative PPIs and CPIs or a general price index	**Volume indicators** Examples are: - Employment	*6712*
Or **Volume indicators** Examples are: - Number of transactions			
Gross turnover deflated by partially representative price indices Turnover from survey of financial advisers, mortgage advisers etc., or administrative data from tax returns	Deflated by partially representative CPIs or a general price index	**Volume indicators** Examples are: - Employment	*6719*
Or **Volume indicators** Examples are: - Number of transactions - Number of clients			
Gross turnover deflated by partially representative price indices Turnover from survey of insurance agents, loss adjusters, actuaries etc., or administrative data from tax returns	Deflated by partially representative PPIs and CPIs or a general price index	**Volume indicators** Examples are: - Employment	*6720*
Or **Volume indicators** Examples are: - Number of policies - Number of clients			

Code 70 : Real estate activities

This code covers real estate activities. It does not include development on own account involving construction.

This code is divided into two classes: **7010 - Real estate activities with own or leased property** and **7020 - Real estate activities on a fee or contract basis.** For measuring gross value added as deflated turnover it may be desirable to sub-divide these classes. This will depend on how important the industry is to the country's economy and how accurate the output can be measured (eg turnover and prices).

ISIC class	Description	Explanatory notes	Preferred
7010	*Real estate activities with own or leased property*	Includes buying, selling, renting and operating of self-owned or leased real estate; development and sale of land; operation of residential mobile home sites Excludes development on own account involving construction; operation of hotels, camps and other non-residential or short-stay lodging places	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of real estate agencies / Weighted appropriate price indices or administrative data taken from tax returns / Examples are: which could be split by type of activity / - CPI: Residential rent Examples are: / - PPI: Residential rent - Apartment buildings and dwellings / - PPI: Non-residential rent - Non-residential buildings - Land Or **Volume indicators** Examples are: - Number of new dwellings sold: One/two-bedrooms Three/four-bedrooms Five or more bedrooms - Number of existing dwellings sold: One/two-bedrooms Three/four bedrooms Five or more bedrooms - Square metres of new non-residential Office accommodation buildings sold: Light industrial Heavy industrial - Square metres of existng non-residential Office accommodation buildings sold: Light industrial Heavy industrial - Square metres of land sold: For residential development For non-residential development - Number of residential rentals: One/two-bedrooms Three/four bedrooms Five or more bedrooms - Number of non-residential leases: Office accommodation Light industrial Heavy industrial - Imputed rent for owner occupied housing stock: One/two-bedrooms Three/four bedrooms Five or more bedrooms Up to 150 square metres 150 - 300 square metres More then 300 square metres House type / style House location / region
7020	*Real estate activities on a fee or contract basis*	Includes intermediation in buying, selling and renting of real estate on a fee or contract basis; managing of real estate on a fee or contract basis; real estate escrow agents	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of real estate agencies / Weighted appropriate price indices or administrative data taken from tax returns / Examples are: which could be split by type of activity / - CPI: Residential rent Examples are: / - CPI: Management fees - Apartment buildings and dwellings / - PPI: Management fees - Non-residential buildings / - PPI: Non-residential rent - Land Or **Volume indicators** Examples are: - Number of dwellings sold or managed: One/two-bedrooms Three/four bedrooms Five or more bedrooms - Square metres of non-residential buildings Office accommodation sold or managed: Light industrial Heavy industrial - Square metres of land sold: For residential development For non-residential development

CPI is Consumer price index.
PPI is Services producer price index.

Turnover data are defined as receipts from sales excluding VAT and other taxes on products plus any subsidies on products. **Preferred deflators** to use are mostly producer price indices with some consumer price indices.

Alternative	Other	ISIC class
Gross turnover deflated by partially representative price indices Turnover from survey of real estate agencies or administrative data taken from tax returns | Deflated by partially representative PPIs or a general price index Or **Volume indicators** Examples are: - Number of property transactions: Dwellings, Non-residential buildings, Land - Number of dwellings rented: Private sector, Public sector, Housing associations - Number of non-residential buildings rented: Private sector, Public sector - Number of owner occupied dwellings	**Volume indicators** Examples are: - Number of property transactions - Employment	*7010*
Gross turnover deflated by partially representative price indices Turnover from survey of real estate agencies or administrative data taken from tax returns | Deflated by partially representative PPIs and CPIs or a general price index Or **Volume indicators** Examples are: - Number of fees negotiated - Number of contracts managed - Number of property transactions	**Volume indicators** Examples are: - Number of property transactions - Employment	*7020*

Code 71: Renting of machinery and equipment without operator

This code covers renting and operational leasing, either short- or long-term and either with or without maintenance. It does not include financial leasing.

This code is divided into three groups (eight classes): *711 - Renting of transport equipment; 712 - Renting of other machinery and equipment* and *713 - Renting of personal and household goods not elsewhere classified.* For measuring gross value added as deflated turnover it may be desirable to sub-divide these groups. This will depend on how important the industry is to the country's economy and how accurate the output can be measured (eg turnover and prices).

ISIC group	Description	Explanatory notes	Preferred	
711	*Renting of transport equipment*	Includes the renting and operational leasing, without operator, of 7111 - Land transport equipment, pallets and containers 7112 - Water transport equipment 7113 - Air transport equipment with driver. Excludes financial leasing and pleasure boats	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of companies that rent out land, water or air transport equipment or administrative data taken from tax returns which could be split by type of transport equipment Examples are: - Automobiles and small vans - Other passenger land transport, eg motorcycles, caravans and campers - Freight land transport, eg trucks, haulage tractors, trailers and semi-trailers - Passenger water transport equipment - Freight water transport equipment - Passenger air transport equipment - Freight air transport equipment	Weighted appropriate price indices Examples are: - CPI: Car and van rental - PPI: Car and van rental - PPI: Truck and trailer rental - PPI: Passenger boat rental - PPI: Freight boat rental - PPI: Passenger air transport rental - PPI: Freight air transport rental
712	*Renting of other machinery and equipment*	Includes the renting and operational leasing, without operator, of 7121 - Agricultural and forestry machinery and equipment 7122 - Construction and civil engineering machinery and equipment 7123 - Office machinery and equipment including computers 7129 - Other machinery and equipment not elsewhere classified	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of companies that rent out agricultural, construction, office and other machinery and equipment or administrative data taken from tax returns which could be split by type of other machinery and/or equipment Examples are: - Tractors, trailers and semi-trailers - Other agricultural machinery - Scaffolds and work platforms, without erection and dismantling - Other construction and civil engineering machinery and equipment - Computers and computer peripherals - Other office machinery and equipment	Weighted appropriate price indices Examples are: - PPI: Agricultural machinery rental - PPI: construction equipment rental - PPI: Office machinery rental
713	*Renting of personal and household goods not elsewhere classified*	Includes the renting of all kinds of household or personal goods to households or industries. Excludes the renting of cars, vans, motorcycles etc without operator and of leisure and pleasure equipment as an integral part of recreational facilities.	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of companies that rent out household or personal goods to households or industries or administrative data taken from tax returns which could be split by type of product Examples are: - Furniture and other household appliances - Do-it-yourself equipment and tools - Records, compact discs, videos etc. - Flowers and plants	Weighted appropriate price indices Examples are: - CPI: Furniture and appliance rental - CPI: Do-it-yourself equipment rental - CPI: Records, videos etc. rental - PPI: Furniture and appliance rental - PPI: Flowers and plants rental

CPI is Consumer price index.
PPI is Services producer price index.

and of personal and household goods

Turnover data are defined as receipts from sales excluding VAT and other taxes on products plus any subsidies on products. **Preferred deflators** to use are mostly producer price indices with some consumer price indices.

Alternative		Other	ISIC group
Gross turnover deflated by partially representative price indices		**Volume indicators**	*711*
Turnover from survey of companies that rent out land, water or air transport equipment or administrative data taken from tax returns	Deflated by partially representative PPIs and CPIs or a general price index Examples are: - CPI: New cars - CPI: Used cars - PPI: New cars - PPI: New trucks and trailers - PPI: Used trucks and trailers	Examples are: - Employment	
Or **Volume indicators**			

Examples are:
  - Number of items leased or rented out: Land transport equipment
      Water transport equipment
      Air transport equipment
  - Number of leases or rental agreements: Land transport equipment
      Water transport equipment
      Air transport equipment			

Gross turnover deflated by partially representative price indices		**Volume indicators**	*712*
Turnover from survey of companies that rent out agricultural, construction, office and other machinery and equipment or administrative data taken from tax returns	Deflated by partially representative PPIs or a general price index Examples are: - PPI: New tractors - PPI: Used tractors - PPI: Construction machinery - PPI: Photocopiers	Examples are: - Employment	
Or **Volume indicators**			

Examples are:
  - Number of items leased or rented out: Agricultural and forestry equipment
      Construction and civil engineering equipment
      Office machinery and equipment
  - Number of leases or rental agreements: Agricultural and forestry equipment
      Construction and civil engineering equipment
      Office machinery and equipment
  - Number of lease days: Agricultural and forestry equipment
      Construction and civil engineering equipment
      Office machinery and equipment			

Gross turnover deflated by partially representative price indices		**Volume indicators**	*713*
Turnover from survey of companies that rent out household or personal goods to households or industries or administrative data taken from tax returns	Deflated by partially representative PPIs and CPIs or a general price index Examples are: - CPI: Furniture - CPI: Do-it-yourself tools - CPI: Records, compact discs, videos	Examples are: - Employment - Number of items available for lease	
Or **Volume indicators**			

Examples are:
    - Number of items rented out
      - Number of customers			

Code 72: Computer and related activities

This code covers activities related to the design, set-up, operation and maintenance of computer systems and networks, as well as custom software development and software publishing. It also includes data processing activities of various kinds and the storage, online distribution of electronic content and the maintenance and repair of other office, accounting and computing machinery.

This code is divided into six groups (seven classes): *721 - Hardware consultancy; 722 - Software publishing; 723 - Data processing; 724 - Database activities and online distribution of electronic content; 725 - Maintenance and repair of office, accounting and computing machinery* and *729 - Other computer-related activities.* For measuring gross value added as deflated turnover it may be desirable to sub-divide these groups. This will depend on how important the industry is to the country's economy and how accurate the output can be measured (eg turnover and prices).

ISIC group	Description	Explanatory notes	Preferred	
721	*Hardware consultancy*	Includes consultancy on type and configuration of hardware, with or without associated software applications Excludes hardware consultancy carried out by computer producing or selling units	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of hardware consultants or administrative data taken from tax returns which could be split by type of hardware consultancy activity Examples are: - Hardware only consultancy - Hardware and software consultancy	Weighted appropriate price indices Examples are: - PPI: Hardware consultancy - PPI: Software consultancy
722	*Software publishing, consultancy and supply*	Includes 7221 - Software publishing i.e. production, supply and documentation of ready-made software 7229 - Other software consultancy and supply i.e. analysis, design and programming of custom software, software maintenance and web page design Excludes reproduction of software and retail sale of non-cutomised software	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of software publishers and software consultants or administrative data taken from tax returns which could be split by type of software consultancy activity Examples are: - Software publishing - Software consultancy - Production of made-to-order software - Software maintenance	Weighted appropriate price indices Examples are: - CPI: Software packages - PPI: Software publishing - PPI: Software consultancy - PPI: Software production - PPI: Software maintenance
723	*Data processing*	Includes processing of data employing either the customer's or a propriety program; management of data-processing facilities belonging to others; web-hosting and timeshare computer services	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of data processing companies or administrative data from tax returns which could be split by type of data processing activity Examples are: - Data processing - Operation of others' data processing facilities - Time share computer services	Weighted appropriate price indices Examples are: - PPI: Data processing - PPI: Operation of data processing facilities
724	*Database activities and online distribution of electronic content*	Includes assembly of compilations of data from one or more sources; web search portals, internet search, game and entertainment sites Excludes online-publishing combined with traditional publishing, retail sale activities conducted over the internet and operation of internet gambling sites	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of companies providing database and online services or administrative data from tax returns which could be split by type of database and online service Examples are: - Database compilation - Online publishing - Internet sites	Weighted appropriate price indices Examples are: - CPI: Internet services - PPI: Database services - PPI: Online publishing
725	*Maintenance and repair of office, accounting and computer machinery*	Includes maintenance and repair of computers, computer peripheral equipment, typewriters, photocopiers, calculating machines and cash registers	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of companies providing office machinery maintenance and repair services or administrative data from tax returns which could be split by type of office / computer machinery service Examples are: - Computers and computer peripheral equipment - Photocopiers and thermocopy machines - Other office machinery	Weighted appropriate price indices Examples are: - PPI: Maintenance of computing equipment - PPI: Maintenance of photocopiers - PPI: Maintenance of other office machinery
729	*Other computer-related activities*	Includes computer disaster recovery and software installation services	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of companies providing other computer related services or administrative data from tax returns which could be split by type of computer related service Examples are: - Computer disaster recovery - Software installation services	Weighted appropriate price indices Examples are: - PPI: Computer disaster recovery - PPI: Software installation services

CPI is Consumer price index.
PPI is Services producer price index.

Turnover data are defined as receipts from sales excluding VAT and other taxes on products plus any subsidies on products. Where long-term projects are involved, turnover should be adjusted for number of hours worked but not billed for. However, this may lead to an inappropriately volatile series. **Preferred deflators** to use are mostly services producer price indices with some consumer price indices.

Alternative	Other	ISIC group
Gross turnover deflated by partially representative price indices Turnover from survey of hardware consultants or administrative data taken from tax returns | Deflated by partially representative PPIs or a general price index Or **Volume indicators** Examples are: - Number of hardware consultancy contracts - Number of billable hours	**Volume indicators** Examples are: - Employment	*721*
Gross turnover deflated by partially representative price indices Turnover from survey of software publishers and software consultants or administrative data taken from tax returns | Deflated by partially representative PPIs or a general price index Or **Volume indicators** Examples are: - Number of software licences sold - Number of programming hours - Number of billable hours	**Volume indicators** Examples are: - Employment	*722*
Gross turnover deflated by partially representative price indices Turnover from survey of data processing companies or administrative data from tax returns | Deflated by partially representative PPIs or a general price index Or **Volume indicators** Examples are: - Number of transactions processed - Number of forms processed - Number of keystrokes	**Volume indicators** Examples are: - Employment	*723*
Gross turnover deflated by partially representative price indices Turnover from survey of companies providing database and online services or administrative data from tax returns | Deflated by partially representative PPIs and CPIs or a general price index Or **Volume indicators** Examples are: - Number of databases commissioned - Number of accesses to search engines - Number of programming hours	**Volume indicators** Examples are: - Employment	*724*
Gross turnover deflated by partially representative price indices Turnover from survey of companies providing office machinery maintenance and repair services or administrative data from tax returns | Deflated by partially representative PPIs or a general price index Or **Volume indicators** Examples are: - Number of maintenance contracts - Number of items repaired	**Volume indicators** Examples are: - Employment	*725*
Gross turnover deflated by appropriate quality adjusted price indices Turnover from survey of companies providing other computer related services or administrative data from tax returns | Deflated by partially representative PPIs or a general price index Or **Volume indicators** Examples are: - Number of disaster recovery contracts	**Volume indicators** Examples are: - Employment	*729*

Code 73: Research and development

This code covers the three types of research and development (R&D): **Basic research**, i.e. experimental or theoretical work undertaken primarily to acquire new knowledge of the underlying foundations of phenomena; **Applied research**, i.e. original investigation undertaken in order to acquire new knowledge directed primarily towards a specific practical aim or objective; and **Experimental development**, i.e. systematic work drawing on existing knowledge gained from research and/or practical experience. It does not include the administration of R&D nor the raising and management of funds for R&D.

This code is divided into two classes: *7310 - Research and experimental development on natural sciences and engineering and 7320 - Research and experimental development on social sciences and humanities.* For measuring gross value added as deflated turnover it may be desirable to sub-divide these classes. This will depend on how important the industry is to the country's economy and how accurate the output can be measured (eg turnover and prices).

ISIC class	Description	Explanatory notes	Preferred	
7310	*Research and experimental development on natural sciences and engineering*	Includes research in mathematics, physics, astronomy, chemistry, life sciences, medical sciences, earth sciences, agriculture, engineering and technology	**Market services** **Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of R&D companies or administrative data from tax returns which could be split by type of natural science and engineering research Examples are: - Basic research - Applied research - Experimental development **Non-market services** 　　　　　　**Volume indicators** 　　　 - Number of employees	Weighted appropriate price indices Examples are: - PPI: Research charge out rates
7320	*Research and experimental development on social sciences and humanities*	Includes research in economics, psychology, sociology, archaeology, legal sciences, linguistics, languages and arts Excludes market research	**Market services** **Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of R&D companies or administrative data from tax returns which could be split by type of social sciences and humanities research Examples are: - Basic research - Applied research - Experimental development **Non-market services** 　　　　　　**Volume indicators** 　　　 - Number of employees	Weighted appropriate price indices Examples are: - PPI: Research charge out rates

PPI is Services producer price index.

Turnover data are defined as receipts from sales excluding VAT and other taxes on products plus any subsidies on products. **Preferred deflators** to use are mostly services product price indices with some earnings price indices.

Note: R&D can be split into non-market and market components. Non-market production principally takes place within educational establishments and hospitals, often funded by government. The market part of the output is often carried out by enterprises or private research institutes. They work mostly on the basis of contracts and are often active in the more practical orientated type of research. The activity of R&D is by nature a unique activity that only takes place once and so price comparisons over time are impossible.

Alternative	Other	ISIC class

Market services
  Gross turnover deflated by partially representative price indices
Turnover from survey of R&D companies | Deflated by partially representative
or administrative data from tax returns | PPIs or an average earnings index
 	
Or
Volume indicators
Examples are:
  - Number of publications by researchers
  - Number of research degrees completed
    - Number of patents granted
	Volume indicators
	Examples are:
	
	  - Employment
		7310

Market services
  Gross turnover deflated by partially representative price indices
Turnover from survey of R&D companies | Deflated by partially representative
or administrative data from tax returns | PPIs or an average earnings index
 	
Or
Volume indicators
Examples are:
  - Number of publication by researchers
  - Number of research degrees completed
    - Number of patents granted
	Volume indicators
	Examples are:
	
	  - Employment
		7320

Code 74: Other business activities

This code includes all business activities except computer- and research-related activities. Outsourcing is a major factor in changing the way these activities are accounted for. The majority of the activities are carried out for commercial clients.

This code is divided into four groups (13 classes): *741 - Legal, accounting, bookkeeping and auditing activities; tax consultancy; market research and public opinion polling; business and management consultancy; 742 - Architectural, engineering and other technical activities; 743 Advertising* and *749 Business activities not elsewhere classified.* For measuring gross value added as deflated turnover it may be desirable to sub-divide these groups. This will depend on how important the industry is to the country's economy and how accurate the output can be measured (eg turnover and prices).

ISIC group	Description	Explanatory notes	Preferred	
741	*Legal, accounting, bookkeeping and auditing activities, tax consultancy, market research and public opinion polling, business and management consultancy*	Excludes law court activities, design of computer software for accounting systems, data processing and tabulation activities	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of companies supplying these types of services or administrative data taken from tax returns which could be split by type of legal / busines service supplied Examples are: - Legal services - Financial services - Market research and public opinion polling - Business and management consultancy - Management holding companies	Weighted appropriate price indices Examples are: - CPI: Legal services - CPI: Financial services - PPI: Legal services - PPI: Financial services - PPI: Market research - PPI: Business consultancy - PPI: Management consultancy - PPI: Management holding companies
742	*Architectural, engineering and other technical activities*	Excludes test drilling and test hole boring in connection with the extraction of minerals, activities of computer consultants, research and development activities	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of companies supplying these types of services or administrative data taken from tax returns which could be split by type of technical / engineering service supplied Examples are: - Architectural services - Engineering services - Other technical consultancy - Technical testing and analysis	Weighted appropriate price indices Examples are: - CPI: Architectural services - PPI: Architectural service - PPI : Engineering services - PPI : Other technical consultancy - PPI: Technical testing
743	*Advertising*	Excludes the printing of advertising material and the production of commercial messages for radio, television and film	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of advertising agencies or administrative data taken from tax returns which could be split by type of advertising activity Examples are: - Planning and creation of advertisements - Placement of advertisements - Provision of advertising space, eg billboards	Weighted appropriate price indices Examples are: - PPI: Advertising services - PPI : Advertising space
749	*Business activities not elsewhere classified*	Includes labour recruitment, security activities, industrial cleaning, photographic activities, and packaging activities Excludes activities of theatrical, film, or TV casting agencies; installation of alarm systems, investigation in connection with insurance; agricultural pest control, steam-cleaning and similar activities for building exteriors, packaging activities incidental to transport, auctions	**Gross turnover deflated by appropriate quality adjusted price indices**	
			Turnover from survey of companies supplying these types of services or administrative data taken from tax returns which could be split by type of other business service supplied Examples are: - Labour recruitment and provision of personnel - Investigation and security services - Building- and industrial-cleaning - Photographic services - Packaging activities - Stenographic and mailing services - Speciality design services	Weighted appropriate price indices Examples are: - CPI: Film processing - PPI: Film processing - PPI: Recruitment agencies - PPI: Security services - PPI: Contract cleaning - PPI: Contract packaging - PPI: Stenographic services

CPI is Consumer price index.
PPI is Services producer price index.

Turnover data are defined as receipts from sales excluding VAT and other taxes on products plus any subsidies on products. Where long-term projects are involved, turnover should be adjusted for number of hours worked but not billed for. However, this may lead to an inappropriately volatile series. **Preferred deflators** to use are mostly services producer price indices with some consumer price indices.

Alternative		Other	ISIC group
Gross turnover deflated by partially representative price indices Turnover from survey of companies supplying these types of services or administrative data taken from tax returns | Deflated by partially representative PPIs and CPIs or a general price index Or **Volume indicators** Examples are: - Number of contracts drawn up - Number of tax returns filed - Number of campaigns run - Number of billable hours		**Volume indicators** Examples are: - Employment	*741*
Gross turnover deflated by partially representative price indices Turnover from survey of companies supplying these types of services or administrative data taken from tax returns | Deflated by partially representative PPIs and CPIs or a general price index Or **Volume indicators** Examples are: - Number of designs commissioned - Number of surveys commissioned - Number of tests carried out - Number of billable hours		**Volume indicators** Examples are: - Employment	*742*
Gross turnover deflated by partially representative price indices Turnover from survey of advertising agencies or administrative data taken from tax returns | Deflated by partially representative PPIs or a general price index Or **Volume indicators** Examples are: - Number of campaigns carried out - Square metres of billboards rented - Seconds of television time bought - Number of units of media space - Number of newspaper/magazine subscriptions - Number of newspaper/magazine single sales - Number of billable hours		**Volume indicators** Examples are: - Employment	*743*
Gross turnover deflated by partially representative price indices Turnover from survey of companies supplying these types of services or administrative data taken from tax returns | Deflated by partially representative PPIs and CPIs or a general price index Or **Volume indicators** Examples are: - Number of employees placed - Number of man-hours of surveillance - Number of man-hours of cleaning - Number of films processed - Number of litres packaged - Number of words typed or translated - Number of envelopes mailed		**Volume indicators** Examples are: - Employment	*749*

Code 75: Public administration and defence; compulsory social security

This code covers activities usually carried out by the public administration. However, the legal or institutional status is not, in itself, the determining factor. This code includes units that are part of local or central public bodies that enable the administration of the community to function properly. It does not include education, health, social work, sewage and refuse disposal which are classified elsewhere.

This code is divided into three groups (eight classes): *751 - Administration of the State and the economic and social policy of the community; 752 - Provision of services to the community as a whole* and *753 Compulsory social security activities.* These are mainly non-market services that can be divided into collective services (751 and 752) and individual services (753). For measuring output it may be desirable to sub-divide the groups.

ISIC group	Description	Explanatory notes	Preferred	
751	*Administration of the State and the economic and social policy of the community*	Includes 7511 - General (overall) public service activities 7512 - Regulation of the activities of agencies that provide health care, education, cultural services and other social services, excluding social security 7513 - Regulation of and contribution to more efficient operation of business 7514 - Supporting service activities for the government as a whole Excludes education activities, human-health related activities, sewage and refuse disposal, activities of libraries, museums etc. sporting or recreational activities, research and experimental development activities	**Expenditure deflated by appropriate quality price indices**	
			Expenditure from administrative data taken from tax returns which could be split by type of public service Examples are: - Health - Education - Social services - Transport	Weighted appropriate price indices Examples are: - PPI: Wages - Health department staff - PPI: Wages - Education department staff - PPI: Wages - Social services department staff - PPI: Wages - Transport department staff
			Or	
			Detailed volume indicators adjusted for labour quality	
			Examples are: - National government employees: - Regional government employees: - Local government employees:	Executive and legislative administration Fiscal affairs administration Economic and social planning Administration of health programmes Administration of educational programmes Administration of social services programmes Administration of agricultural economy Administration of industrial economy Administration of wholesale and retail economy Administration of general services Executive and legislative administration Fiscal affairs administration Economic and social planning Administration of regional agencies Administration of general services Executive and legislative administration Fiscal affairs administration Economic and social planning Administration of local agencies Administration of general services
752	*Provision of services to the community as a whole*	Includes 7521 - Foreign affairs 7522 - Defence activities 7523 - Public order and safety activities Excludes research and experimental development activities, educational activities of military schools, colleges and academies, activities of military hospitals, various specialist fire fighting and fire prevention, advice in civil and criminal cases, activities of prison schools and hospitals	**Expenditure deflated by appropriate quality price indices**	
			Expenditure from administrative data taken from tax returns which could be split by type of public service Examples are: - Foreign affairs - Defence - Public order and safety	Weighted appropriate price indices Examples are: - PPI: Wages - Foregn office staff - PPI: Wages - Defence office staff - PPI: Wages - Public order office staff
			Or	
			Detailed volume indicators adjusted for labour quality	
			Examples are: - National government employees: - Regional government employees: - Local government employees: - Number of crimes: - Number of arrests:	Administration of diplomatic and consular missions Administration of foreign aid and assistance Administration of military defence affairs Administration of police forces Administration of the judicial system Administration of civil defence forces Administration of police forces Administration of firefighting and fire prevention Administration of civil defence forces Administration of police forces Administration of firefighting and fire prevention Property crimes Violent crimes Property crimes Violent crimes
753	*Compulsory social security activities*	Includes the funding and administration of government-provided social security programmes such as sickness, and unemployment insurance, retirement pensions and those covering losses of income due to maternity, temporary disablement and widowhood Excludes non-compulsory social security and the provision of welfare services and social work	**Expenditure deflated by appropriate quality price indices**	
			Expenditure from administrative data taken from tax returns which could be split by type of public service Examples are: - Sickness and disability allowances - Unemployment allowances - Retirement pensions - Maternity allowances - Widowhood allowances	Weighted appropriate price indices Examples are: - PPI: Wages - Social security departmentf staff
			Or	
			Detailed volume indicators adjusted for labour quality	
			Examples are: - Government employees: - Number of claims or claimants: Number of appeals handled:	Administration of sickness / disability allowances Administration of unemployment allowances Administration of retirement pensions Administration of maternity / widowhood allowances Sickness and disability allowances Unemployment allowances Retirement pensions Maternity allowances Widowhod allowances Sickness and disability allowances Unemployment allowances Retirement pensions Maternity allowances Widowhod allowances

PPI is Services producer price index.

Historically, input methods have been used to measure the output of non-market services. However, increasingly, governments are collecting performance and output data for public services, typically starting with services to individuals such as health and education, because they need this information for good management and to assure tax payers that resources are being efficiently and effectively deployed. Also, some data sources on outputs have been available for many years because they are required for administrative reasons, eg pupil and patient numbers, numbers of social security and tax cases handled. Due to the difficulty in defining the output of collective services, input methods are acceptable. However, for individual services input methods should be replaced by a more direct form of output measurement where possible.

Alternative		Other	ISIC group
Expenditure deflated by partially representative price indices		**Volume indicators**	*751*
Expenditure from administrative data taken from tax returns	Deflated by partially representative PPIs or a general wage index	Examples are:	
		- National government employees	
Or		- Regional government employees	
Detailed volume indicators		- Local government employees	
Examples are:			
- National, regional and local government employees:	Executive and legislative administration		
	Fiscal affairs administration		
	Economic and social planning		
	Administration of health programmes		
	Administration of educational programmes		
	Administration of social services programmes		
	Administration of agricultural economy		
	Administration of industrial economy		
	Administration of wholesale and retail economy		
	Administration of general services		
	Administration of regional agencies		
	Administration of local agencies		
Expenditure deflated by partially representative price indices		**Volume indicators**	*752*
Expenditure from administrative data taken from tax returns	Deflated by partially representative PPIs or a general wage index	Examples are:	
		- National government employees	
Or		- Regional government employees	
Detailed volume indicators		- Local government employees	
Examples are:			
- National, regional and local government employees:	Administration of diplomatic and consular missions		
	Administration of foreign aid and assistance		
	Administration of military defence affairs		
	Administration of civil defence forces		
	Administration of police forces		
	Administration of firefighting and fire prevention		
	Administration of the judicial system		
Expenditure deflated by partially representative price indices		**Volume indicators**	*753*
Expenditure from administrative data taken from tax returns	Deflated by partially representative PPIs or a general wage index	Examples are:	
		- National government employees	
Or		- Regional government employees	
Detailed volume indicators		- Local government employees	
Examples are:			
- Number of claims			
- Number of claimants			
- Number of appeals handled			

Code 80: Education

This code covers public as well as private education at any level or for any profession, oral or written as well as by radio and television or other means of communication. It includes education by the different institutions in the regular school system at its different levels (including special education for physically or mentally handicapped pupils) as well as adult education, literacy programmes etc.. Also included are military schools and academies, prison schools etc.. It does not include education primarily concerned with recreational activities such as bridge or golf.

This code is divided into five classes: *8010 - Primary education; 8021 - General secondary education; 8022 - Technical and vocational secondary education; 8030 - Higher education* and *8090 - Other education.*

ISIC class	Description	Explanatory notes	Preferred	
8010	*Primary education*	Includes pre-primary education and primary education (education at the first level), special education for handicapped students at this level, and the provision of literacy programmes for handicapped adults Excludes child day-care activities	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of organisations providing primary education or administrative data from tax returns which could be split by type of primary education Examples are: - Primary education - Pre-primary education - Literacy programmes for handicapped adults	Weighted appropriate price indices Examples are: - CPI: Pre-primary education fees - CPI: Primary education fees Or **Volume indicators** Examples are: - Pupil-hours: Primary education Pre-primary education Literacy programmes for handicapped adults
8021	*General secondary education*	Includes general school education in the first stage of secondary level corresponding more or less to the period of compulsory school attendance, general school education in the second stage of secondary level giving, in principle, access to higher education, and special education for handicapped students at this level	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of organisations providing general secondary education or administrative data from tax returns which could be split by type of general secondary education Examples are: - General secondary education up to school leaving age - General secondary education past school leaving age - General secondary education for handicapped pupils	Weighted appropriate price indices Examples are: - CPI: Secondary education fees - day schools - CPI: Secondary education fees - boarding schools Or **Volume indicators** Examples are: - Pupil-hours: Up to school leaving age Past school leaving age Handicapped pupils
8022	*Technical and vocational secondary education*	Includes technical and vocational education below the level of higher education and special education for handicapped students at this level	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of organisations providing technical and vocational secondary education or administrative data from tax returns which could be split by type of technical / vocational education Examples are: - Technical education - Vocational education - Technical and vocational education for handicapped pupils	Weighted appropriate price indices Examples are: - CPI: Secondary education fees - day schools - CPI: Secondary education fees - boarding schools Or **Volume indicators** Examples are: - Pupil-hours: Technical education Vocational education Technical and vocational education for handicapped pupils
8030	*Higher education*	Includes first, second and third stages of higher education, i.e. post-secondary education either leading to a university degree (or equivalent) or not; and special education for handicapped students at this level	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of organisations providing higher education or administrative data from tax returns which could be split by type of higher education Examples are: - Leading to a university degree or equivalent - Not leading to a university degree or equivalent	Weighted appropriate price indices Examples are: - CPI: Degree fees - CPI: Non-degree fees Or **Volume indicators** Examples are: - Student-hours: University degree courses - medical and science University degree courses - arts Courses not leading to a degree
8090	*Other education*	Includes adult education such as day and evening classes, driving and flying schools, art and cooking schools, general and vocational subjects and other education that is not definable by level. Excludes activities of dance schools and instruction in sport and games	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of organisations providing adult education or administrative data from tax returns which could be split by type of other education service Examples are: - Day and evening classes - Driving schools - Business related courses - Art schools - Cookery schools	Examples are: - CPI: Day and evening class fees - CPI: Driving school fees - CPI: Fees for vocational courses - PPI: Training course fees Or **Volume indicators** Examples are: - Student-hours: Day and evening classes Driving lessons Business training courses Art courses Cookery courses

CPI is Consumer price index.
PPI is Services producer price index.

Turnover data are defined as receipts from sales excluding VAT and other taxes on products plus any subsidies on products.
Preferred deflators to use are mostly consumer price indices with some services producer price indices. Pupil hours or pupil numbers can be used for both the market and non-market sectors.

Alternative		Other	ISIC class
Gross turnover deflated by partially representative price indices Turnover from survey of organisations providing primary education or administrative data from tax returns	Deflated by partially representative CPIs or a general price index	**Volume indicators** Examples are: - Employment	*8010*
Or **Volume indicators** Examples are: - Number of pupils: Primary education Pre-primary education Literacy programmes for handicapped adults			
Gross turnover deflated by partially representative price indices Turnover from survey of organisations providing general secondary education or administrative data from tax returns	Deflated by partially representative CPIs or a general price index	**Volume indicators** Examples are: - Employment	*8021*
Or **Volume indicators** Examples are: - Number of pupils: Up to school leaving age Past school leaving age Handicapped pupils			
Gross turnover deflated by partially representative price indices Turnover from survey of organisations providing technical and vocational secondary education or administrative data from tax returns which could	Deflated by partially representative CPIs or a general price index	**Volume indicators** Examples are: - Employment	*8022*
Or **Volume indicators** Examples are: - Number of pupils: Technical education Vocational education Handicapped pupils Technical and vocational education for handicapped pupils			
Gross turnover deflated by partially representative price indices Turnover from survey of organisations providing higher education or administrative data from tax returns	Deflated by partially representative CPIs or a general price index	**Volume indicators** Examples are: - Employment	*8030*
Or **Volume indicators** Examples are: - Number of students: University degree courses - medical and science University degree courses - arts Courses not leading to a degree			
Gross turnover deflated by partially representative price indices Turnover from survey of organisations providing adult education or administrative data from tax returns		**Volume indicators** Examples are: - Employment	*8090*
Or **Volume indicators** Examples are: - Number of students: Day and evening classes Driving lessons Business training courses Art courses Cookery courses			

Code 85: Health and social work

This code covers the provision of health care by diagnosis and treatment, the provision of residential care for medical and social reasons, the provision of social assistance such as counselling, welfare, child protection etc., and the provision of veterinary services.

This code is divided into six classes: *8511 - Hospital activities; 8512 - Medical and dental practice activities; 8519 - Other human health activities; 8520 - Veterinary activities; 8531 - Social work activities with accommodation* and *8532 - Social work activities without accommodation.*

ISIC class	Description	Explanatory notes	Preferred
8511	*Hospital activities*	Includes short- or long-term hospital activities, medical and surgical, of general and specialised hospitals, medical nursing homes, asylums and rehabilitation centres etc. The activities are chiefly directed to inpatients and carried out under the direct supervision of medical doctors. Excludes health activities for military personnel in the field.	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of hospitals or administrative data from tax returns which could be split by type of hospital. Examples are: - General hospitals - Psychiatric hospitals - Rehabilitation centres Weighted appropriate price indices Examples are: - CPI: Health services - PPI: Health services Or **Volume indicators** Examples are: - Number of patients discharged: Diagnostic related groups / Heart / circulatory / respiratory diseases / Cancers / Accidental injuries - Number of occupant-days: Psychiatric illnesses / Rehabilitation
8512	*Medical and dental practice activities*	Includes medical consultation and treatment, dental practice activities and orthodontics. The activities can be carried out in private practice, group practices, hospital outpatient clinics, clinics attached to firms, schools etc. and in patients' homes. Excludes the production of artificial teeth, denture and prosthetic appliances by dental laboratories.	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of medical providers or administrative data from tax returns which could be split by type of medical and dental service provider. Examples are: - General practitioners (GPs) - Specialists - Clinics attached to businesses - Dental practitioners Weighted appropriate price indices Examples are: - CPI: Health services - CPI: Dental charges - PPI: Health services Or **Volume indicators** Examples are: - Number of GP consultations: Heart and circulatory diseases / Respiratory diseases / Childhood diseases - Number of first visits to specialists: Heart and circulatory diseases / Respiratory diseases / Cancers - Number of courses of treatment: Dental care
8519	*Other human health activities*	Includes activities for human health not performed by hospitals, medical doctors or dentists; activities of nurses, midwives, physiotherapists etc. Activities may be carried out in health clinics, own consulting rooms, patients' homes etc. Excludes the production of artificial teeth, denture and prosthetic appliances by dental laboratories and testing activities in the field of food hygiene	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of providers of other medical care or administrative data from tax returns which could be split by type of other human health care. Examples are: - Physiotherapy - Optometry - Chiropody - Chiropractic Weighted appropriate price indices Examples are: - CPI: Physiotherapy - CPI: Eyesight test fees - CPI: Chiropody fees - CPI: Chiropractic fees - PPI: Health services Or **Volume indicators** Examples are: - Number of courses of treatment: Physiotherapy / Chiropody / Chiropractic
8520	*Veterinary activities*	Includes animal health care and control activities for farm animals and for pet animals Excludes farm animal boarding and pet animal boarding activities without health care	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of veterinarians or administrative data from tax returns which could be split by type of vetinary care. Examples are: - Farm animals - Pet animals Weighted appropriate price indices Examples are: - CPI: Veterinary fees - PPI: Veterinary fees Or **Volume indicators** Examples are: - Number of courses of treatment: Farm animals / Pet animals - Number of appointments/consultations: Farm animals / Pet animals
8531	*Social work activities with accommodation*	Includes activities provided on a round-the-clock basis directed to provide social assistance but where medical treatment or education are not important elements Excludes funding and administration of compulsory social security programmes	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of providers of residential care or administrative data from tax returns which could be split by type of social home. Examples are: - Children's homes - Homes for the aged - Homes for handicapped people Weighted appropriate price indices Examples are: - CPI: Residential care - PPI: Residential care Or **Volume indicators** Examples are: - Number of occupant-days: Children's homes / Homes for the aged / Homes for handicapped people
8532	*Social work activities without accommodation*	Includes social, counselling, welfare and similar activities which are delivered to families and individuals in their homes or elsewhere and carried out by government offices or by other organisations Excludes funding and administration of compulsory social security programmes	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of providers of non-residential care or administrative data from tax returns which could be split by type of social care. Examples are: - Child day care - Day care for handicapped adults - Counselling services Weighted appropriate price indices Examples are: - CPI: Non-residential care - PPI: Non-residential care Or **Volume indicators** Examples are: - Number of persons receiving care: Children / Adults / Handicapped adults

CPI is Consumer price index.
PPI is Services producer price index.

Turnover data are defined as receipts from sales excluding VAT and other taxes on products plus any subsidies on products. **Preferred deflators** to use are a mix of services producer price indices and consumer price indices.

Alternative		Other	ISIC class
Gross turnover deflated by partially representative price indices Turnover from survey of hospitals or administrative data from tax returns	Deflated by partially representative CPIs and PPIs or a general price index	**Volume indicators** Examples are: - Employment	*8511*

Or
Volume indicators
Examples are:
  - Number of patients discharged
  - Number of beds
  - Number of admissions
  - Number ofsurgical operations
  - Number of births			

Gross turnover deflated by partially representative price indices Turnover from survey of medical providers or administrative data from tax returns	Deflated by partially representative CPIs and PPIs or a general price index	**Volume indicators** Examples are: - Employment	*8512*

Or
Volume indicators
Examples are:
  - Number of consultations
  - Number of registered patients			

Gross turnover deflated by partially representative price indices Turnover from survey of providers of other medical care or administrative data from tax returns	Deflated by partially representative CPIs and PPIs or a general price index	**Volume indicators** Examples are: - Employment	*8519*
Or **Volume indicators** Examples are: - Number of patients			
Gross turnover deflated by partially representative price indices Turnover from survey of veterinarians or administrative data from tax returns	Deflated by partially representative CPIs and PPIs or a general price index	**Volume indicators** Examples are: - Employment	*8520*
Or **Volume indicators** Examples are: - Number of animals treated			
Gross turnover deflated by partially representative price indices Turnover from survey of providers of residential care or administrative data from tax returns	Deflated by partially representative CPIs and PPIs or a general price index	**Volume indicators** Examples are: - Employment	*8531*

Or
Volume indicators
Examples are:
  - Number of people in residential care
  - Number of beds			

Gross turnover deflated by partially representative price indices Turnover from survey of providers of non-residential care or administrative data from tax returns	Deflated by partially representative CPIs and PPIs or a general price index	**Volume indicators** Examples are: - Employment	*8532*

Or
Volume indicators
Examples are:
  - Number of day care places for children
  - Number of day care places for homeless persons
  - Number of day care places for handicapped people			

Code 90: Sewage and refuse disposal, sanitation and similar activities

This code covers the collection and treatment of household and industrial waste, not for a further use in an industrial manufacturing process, but with the aim of disposal and resulting in a product with little or no value. It does not include the processing of waste and scrap and other articles into secondary raw material fit for direct use in an industrial manufacturing process nor the wholesale in waste and scrap, i.e. collecting, sorting, packing etc. but without a real transformation process.

There is only one class in this code. For measuring gross value added as deflated turnover it may be desirable to sub-divide this class. This will depend on how important the industry is to the country's economy and how accurate the output can be measured (eg turnover and prices).

ISIC class	Description	Explanatory notes	Preferred
9000	*Sewage and refuse disposal, sanitation and similar activities*	Excludes cleaning of ditches and pest control for the benefit of agriculture, treatment of residual food substances for manufacture of food products, treatment of slaughter waste to produce animal feed, reprocessing of nuclear fuels and of radioactive nuclear waste, composting waste etc.	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of waste disposal companies or administrative data taken from tax returns which could be split by type of activity Examples are: - Collection and disposal of waste water and sewage from households and industry - Collection and disposal of waste water and sewage - Collection and disposal of waste by means of refuse bins, wheeled bins, litter bins in public places etc. - Treatment and disposal of contaminated waste - Decontamination and cleaning up of polluted soil, surface water, seas and oceans Weighted appropriate price indices Examples are: - CPI: Waste disposal - PPI: Waste disposal - PPI: Contaminated waste - PPI: Decontamination Or **Volume measures** Examples are: Tonnes of rubbish collected: Households Industries Tonnes of rubbish disposed: Incinerated Land fill Litres of waste water and sewage processed: Surface water Sewage Tonnes of contaminated waste treated: Agricultural Industrial Radioactive

CPI is Consumer price index.
PPI is Services producer price index.

Turnover data are defined as receipts from sales excluding VAT and other taxes on products plus any subsidies on products.
Preferred deflators to use are mostly services producer price indices with some consumer price indices.

Alternative		Other	ISIC class
Gross turnover deflated by partially representative price indices		**Volume indicators**	*9000*
Turnover from survey of waste disposal companies or administrative data taken from tax returns	Deflated by partially representative PPIs and CPIs or a general price index	Examples are: - Employment	
Or **Volume measures** Examples are: - Tonnes of rubbish collected - Litres of sewage treated - Litres of decontamination agents used			

Code 91: Activities of membership organisations not elsewhere classified

This code covers activities of organisations representing interests of special groups or promoting ideas to the general public. These organisations, many of which are Non Profit Institutions (NPIs), usually have a constituency of members but their activities may involve and benefit non-members as well.

This code is divided into six classes: *9111 - Activities of business and employers organisations; 9112 - Activities of professional organisations; 9120 - Activities of trade unions; 9191 - Activities of religious organisations; 9192 - Activities of political organisations* and *9199 - Activities of other membership organisations not elsewhere classified.* For measuring gross value added as deflated turnover it may be desirable to sub-divide these classes. This will depend on how important the industry is to the country's economy and how accurate the output can be measured (eg turnover and prices).

ISIC class	Description	Explanatory notes	Preferred	
9111	*Activities of business and employers organisations*	Includes activities of organisations, such as guilds and chambers of commerce, whose members' interests centre on the development and prosperity of enterprises in a particular line of business or trade	**Income deflated by appropriate quality adjusted price indices**	
			Income from survey of such organisations or administrative data taken from tax returns which could be split by type of services provided Examples are: - Legal advice - Dissemination of information	Weighted appropriate price indices Examples are: - PPI: Legal fees - PPI: Publishing of journals and periodicals
			Or **Volume indicators**	
			Examples are: - Number of members: Full members Part members Non-voting members	
9112	*Activities of professional organisations*	Includes activities of organisations whose members' interests centre chiefly on a particular scholarly discipline or professional practice or technical field Excludes education provided by these organisations	**Income deflated by appropriate quality adjusted price indices**	
			Income from survey of such organisations or administrative data taken from tax returns which could be split by type of services provided Examples are: - Legal advice - Dissemination of information - Examination or accreditation services	Weighted appropriate price indices Examples are: - CPI: Examination fees - PPI: Legal fees - PPI: Publishing of journals and periodicals
			Or **Volume indicators**	
			Examples are: - Number of members: Full members Part members Non-voting members Student members	
9120	*Activities of trade unions*	Includes activities of associations whose members are employees interested chiefly in the representation of their views concerning salary and work situation and in concerted action through organisation Excludes education provided by these organisations	**Income deflated by appropriate quality adjusted price indices**	
			Income from survey of trade unions or administrative data taken from tax returns which could be split by type of services provided Examples are: - Legal advice - Dissemination of information	Weighted appropriate price indices Examples are: - PPI: Legal fees - PPI: Publishing of journals and periodicals
			Or **Volume indicators**	
			Examples are: - Number of members: Full members Part members	
9191	*Activities of religious organisations*	Includes activities of religious organisations or individuals providing services directly to worshippers in churches, mosques, temples, synagogues or other places Excludes education, health and social work activities provided by these organisations	**Income deflated by appropriate quality adjusted price indices**	
			Income from survey of such organisations or administrative data taken from tax returns which could be split by type of services provided Examples are: - Services in churches, mosques, temples etc. - Monasteries, convents etc. - Retreats	Weighted appropriate price indices Examples are: - PPI: Buildings insurance - PPI: Contents insurance
			Or **Volume indicators**	
			Examples are: - Number people attending services: - Number of services held:	
9192	*Activities of political organisations*	Includes activities of political organisations and auxiliary organisations such as young people's auxiliaries associated with a political party	**Income deflated by appropriate quality adjusted price indices**	
			Income from survey of such organisations or administrative data taken from tax returns which could be split by type of services provided Examples are: - Conferences - Dissemination of information - Social facilities	Weighted appropriate price indices Examples are: - CPI: Alcohol. - PPI: Hire of conference facilities - PPI: Publishing of journals and periodicals
			Or **Volume indicators**	
			Examples are: - Number of members: Full members Social or non-voting members	
9199	*Activities of other membership organisations not elsewhere classified*	Includes activities of organisations (not directly affiliated to a political party) furthering a public cause or issue by means of public education, political influence, fund-raising etc., special interest groups and associations such as touring clubs, rotary clubs, youth clubs, film and photo clubs.	**Income deflated by appropriate quality adjusted price indices**	
			Income from survey of such organisations or administrative data taken from tax returns which could be split by type of services provided Examples are: - Dissemination of information - Social facilities - Legal advice	Weighted appropriate price indices Examples are: - CPI: Alcohol. - CPI: Legal fees - PPI: Publishing of journals and periodicals
			Or **Volume indicators**	
			Examples are: - Number of members: Full members Social or non-voting members	

CPI is Consumer price index.
PPI is Services producer price index.

Income data are appropriate for these non-market services provided by Non-Profit Institutions (NPIs) such as professional bodies, trade unions and religious organisations.The common feature is that payment of a membership fee covers a range of services, which may or may not be used by the individual member in a particualr time period.

Due to the large number of small units providing some of these services and to the exemptions often granted to them by Government (eg for taxation purposes), there can be a shortage of suitable data. However, organisations can be expected to maintain reasonably comprehensive and up-to-date membership registers. and there is sometimes a mandatory provision of information to the Government administration responsible for monitoring NPIs (including a set of accounts where monetary flows are significant).

Alternative	Other	ISIC class

Income deflated by partially representative price indices
Income from survey of such organisations or administrative data taken from tax returns — Deflated by partially representative CPIs and PPIs or a general price index
Or
Volume indicators
Examples are:
    - Number of members
	Volume indicators
	Examples are:
	    - Employment
		9111

Income deflated by partially representative price indices
Income from survey of such organisations or administrative data taken from tax returns — Deflated by partially representative CPIs and PPIs or a general price index
Or
Volume indicators
Examples are:
    - Number of members
	Volume indicators
	Examples are:
	    - Employment
		9112

Income deflated by partially representative price indices
Income from survey of trade unions or administrative data taken from tax returns — Deflated by partially representative CPIs and PPIs or a general price index
Or
Volume indicators
Examples are:
    - Number of members
	Volume indicators
	Examples are:
	    - Employment
		9120

Income deflated by partially representative price indices
Income from survey of such organisations or administrative data taken from tax returns — Deflated by partially representative CPIs and PPIs or a general price index
Or
Volume indicators
Examples are:
    - Number of members
	Volume indicators
	Examples are:
	    - Employment
		9191

Income deflated by partially representative price indices
Income from survey of such organisations or administrative data taken from tax returns — Deflated by partially representative CPIs and PPIs or a general price index
Or
Volume indicators
Examples are:
    - Number of members
	Volume indicators
	Examples are:
	    - Employment
		9192

Income deflated by partially representative price indices
Income from survey of such organisations or administrative data taken from tax returns — Deflated by partially representative CPIs and PPIs or a general price index
Or
Volume indicators
Examples are:
    - Number of members
	Volume indicators
	Examples are:
	    - Employment
		9199

Code 92: Recreational, cultural and sporting activities

This code covers the operation of facilities and provision of services to meet the cultural, entertainment, recreational and sports interest in their customers.

This code is divided into four groups (12 classes): ***921 Motion picture, radio, television and other entertainment activities; 922 - News agency activities; 923 - Library, archives, museums and other cultural activities and 924 - Sporting and other recreational activities.*** For measuring gross value added as deflated turnover it may be desirable to sub-divide these groups. This will depend on how important the industry is to the country's economy and how accurate the output can be measured (eg turnover and prices).

ISIC group	Description	Explanatory notes	Preferred	
921	*Motion picture, radio, television and other entertainment activities*	Includes 9211 - Motion picture and video production and distribution 9212 - Motion picture projection 9213 - Radio and television activities 9214 - Dramatic arts, music and other arts activities Excludes reproduction from master copies; wholesale, retail and renting of video tapes; film processing other than for the motion picture business; activities of theatrical agents; radio and television transmission via cable, relay or satellite; restoration of furniture and musical instruments	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of producers of films, radio and television programmes, and live presentations in theatres and concert halls, or administrative data taken from tax returns which could be split by type of entertainment Examples are: - Production, distribution of motion pictures - Activities of sound recording studios - Production of radio and television programmes - Broadcasting of radio and television programmes - Production of live theatrical presentations - Production of concerts, opera and dance - Operation of ticket agencies	Weighted appropriate price indices Examples are: - CPI: Cinema tickets - CPI: Theatre tickets - CPI: Concert tickets - PPI: Cinema advertising - PPI: Television advertising Or
			Volume indicators Examples are: - Cinema tickets: Adult tickets Family tickets Concession tickets - Theatre tickets: Best seats Other seats Matinee performances - Concert tickets: One-off tickets Season tickets	
922	*News agency activities*	Includes news syndicate and news agency activities and the activities of independent journalists	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of news syndicates and news agencies or administrative data taken from tax returns	Weighted appropriate price indices Examples are: - PPI: News agencies
923	*Library, archives, museums and other cultural activities* Some of these services are provided as non-market services, i.e. by the government, others are provided as market services	Includes 9231 - Library and archives activities 9232 - Museums activities and preservation of historic sites and buildings 9233 - Botanical and zoological gardens and nature reserves activities Excludes renting of video tapes; database activities.	**Non-market services, eg libraries** **Volume indicators** Examples are: - Number of items lent: Adult fiction books Adult non-fiction books Child books Videos, records, audio tapes and compact discs - Number of visitors: Lending library Reference library Children's library **Market services, eg zoological gardens** **Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of providers of cultural activities or administrative data taken from tax returns which could be split by type of activity Examples are: - Museums - Historical sites and buildings - Botanical and zoological gardens	Weighted appropriate price indices Examples are: - CPI: Entrance fees to museums - CPI: Entrance fees to historical sites - CPI: Entrance fees to botanical gardens - CPI: Entrance fees to zoological gardens Or
			Volume indicators adjusted for quality Examples are: - Number of tickets sold: Adult tickets Family tickets Season tickets Concessionary tickets	
924	*Sporting and other recreational activities*	Includes 9241 - Sporting activities 9249 - Other recreational activities Excludes renting of sports equipment separate from the sports facility; activities of personal theatrical or artistic agents	**Non-market services, eg municipal swimming pools** **Volume indicators adjusted for quality** Examples are: - Number of tickets sold: Adult tickets - single facility Adult tickets - multi facility Season tickets Child/family/concessionary tickets **Market services, eg golf courses** **Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of providers of sporting facilities or administrative data from tax returns which could be split by type of facility Examples are: - Health clubs - Bowling alleys - Golf courses	Weighted appropriate price indices Examples are: - CPI: Health clubs - CPI: Football matches - CPI: Bowling alleys - CPI: Golf club membership Or
			Volume indicators adjusted for quality Examples are: - Number of tickets sold: Adult tickets - single facility Adult tickets - multi facility Family tickets Season tickets	

CPI is Consumer price index.
PPI is Services producer price index.

Turnover data are defined as receipts from sales excluding VAT and other taxes on products plus any subsidies on products.
Preferred deflators to use are mostly consumer price indices with some services producer price indices.

Alternative	Other	ISIC group

Gross turnover deflated by partially representative price indices
Turnover from survey of producers of films, radio and television programmes, and live presentations in theatres and concert halls, or administrative data taken from tax returns | Deflated by partially representative CPIs and PPIs or a general price index
 Or
Volume indicators
Examples are:
    - Number of tickets sold: Cinemas
                           Theatres
                           Concerts
	Volume indicators
	Examples are:
	    - Employment
		921

Gross turnover deflated by partially representative price indices
Turnover from survey of news syndicates and news agencies or administrative data taken from tax returns | Deflated by partially representative PPIs or a general price index
 Or
Volume indicators
Examples are:
    - Number of words published
    - Number of photographs published
	Volume indicators
	Examples are:
	    - Employment
		922

Non-market services, eg libraries
Volume indicators
Examples are:
    - Number of items lent
    - Number of visitors
	Volume indicators
	Examples are:
	    - Employment
		923

Market services, eg zoological gardens
Gross turnover deflated by partially representative price indices
Turnover from survey of providers of cultural activities or administrative data taken from tax returns | Deflated by partially representative CPIs or a general price index
 Or
Volume indicators
Examples are:
    - Number of tickets sold: Museums
                           Historical sites and buildings
                           Botanical and zoological gardens
	Volume indicators
	Examples are:
	    - Employment	

Non-market services, eg municipal swimming pools
Volume indicators
Examples are:
    - Number of tickets sold: Participants
                           Spectators
	Volume indicators
	Examples are:
	    - Employment
		924

Market services, eg golf courses
Gross turnover deflated by partially representative price indices
Turnover from survey of providers of sporting facilities or administrative data from tax returns | Deflated by partially representative CPIs or a general price index
 Or
Volume indicators
Examples are:
    - Number of tickets sold: Participants
                           Spectators
	Volume indicators
	Examples are:
	    - Employment	

Code 93: Other service activities

This code covers all service activities not elsewhere classified

This code is divided into four classes: *9301 - Washing and (dry-)cleaning of textile and fur products; 9302 - Hairdressing and other beauty treatment; 9303 - Funeral and related activities* and *9309 - Other service activities not elsewhere classified.* For measuring gross value added as deflated turnover it may be desirable to sub-divide some of the classes This will depend on how important the industry is to the country's economy and how accurate the output can be measured (eg turnover and prices).

ISIC class	Description	Explanatory notes	Preferred
9301	*Washing and (dry-)cleaning of textile and fur products*	Includes laundering and dry-cleaning of all kinds of clothing and textiles by hand or machine and for both the general public and commercial clients Excludes repair and alteration as an independent activity and renting of clothing other than work uniforms	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of providers of laundry and cleaning services or administrative data taken from tax returns which could be split by type of client / Weighted appropriate price indices Examples are: - Households / - CPI: Laundry services - Businesses / - CPI: Dry cleaning services - CPI: Carpet and rug shampooing - PPI: Laundry services - PPI: Dry cleaning services - PPI: Carpet and rug shampooing Or **Volume indicators** Examples are: - Number of kilograms cleaned: Laundry / Dry cleaning -Number of 'standard loads': Laundry / Dry cleaning
9302	*Hairdressing and other beauty treatment*	Includes hair washing, cutting, setting, dyeing etc. for men and women, shaving and beard trimming and facial massage, manicure, pedicure, and make-up etc. Excludes manufacture of wigs	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of hairdressers and providers of other beauty treatment services or administrative data taken from tax returns which could be split by type of activity / Weighted appropriate price indices Examples are: - Hair dressing / - CPI: Cutting/trimming for men - Beauty treatments / - CPI: Cutting/trimming for women - CPI: Permanent waving/straightening - CPI: Colouring/Highlights - CPI: Beauty treatments Or **Volume indicators** Examples are: - Number of appointments: Hairdressing - men / Hairdressing - women / Beauty treatments
9303	*Funeral and related activities*	Includes burial and incineration of human or animal corpses; rental or sale of graves; maintenance of graves and mausoleums Excludes religious funeral service activities	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of providers of burial and cremation services or administrative data taken from tax returns which could be split by type of activity / Weighted appropriate price indices Examples are: - Preparation of the dead for burial and cremation / - CPI: Funeral services - Provision of burial and cremation services / - CPI: Graves and gravestones - Maintenance of graves and mausoleums / - CPI: Crematorium fees - PPI: Maintenance of graves and mausoleums Or **Volume indicators** Examples are: - Number of deaths: Burial / Cremation - Number of coffins: Top range / Middle range / Budget range
9309	*Other service activities not elsewhere classified*	Includes activities of saunas and massage salons etc.; astrological and spiritualists' activities; social activities such as escort services and marriage bureaux; pet care services; shoes-shiners and porters etc.; coin-operated personal service machines Excludes public pay-telephone services; veterinary activities and activities of health clubs	**Gross turnover deflated by appropriate quality adjusted price indices** Turnover from survey of providers of other personal services or administrative data taken from tax returns which could be split by type of service / Weighted appropriate price indices Examples are: - Turkish baths, saunas and massage salons / - CPI: Turkish baths etc. haulage - Escort and dating services, marriage bureaux / - CPI: Escort services etc. - Coin-operated photo booths, weighing machines etc / - CPI: Coin-operated personal service machines - Pet cares services / - CPI: Pet grooming and boarding etc. Or **Volume indicators** Examples are: - Number of visits: Saunas / Massage salons - Number of appointments: Escort services / Pet services - Number of operations: Coin-operated photo booths / Coin-operated weighing machines

CPI is Consumer price index.
PPI is Services producer price index.

Turnover data are defined as receipts from sales excluding VAT and other taxes on products plus any subsidies on products.
Preferred deflators to use are mostly consumer price indices with some services producer price indices.

Alternative	Other	ISIC class
Gross turnover deflated by partially representative price indices Turnover from survey of providers of laundry and cleaning services or administrative data taken from tax returns / Deflated by partially representative PPIs and CPIs or a general price index Or **Volume indicators** Examples are: - Number of kilograms cleaned - Number of 'standard loads'	**Volume indicators** Examples are: - Employment	*9301*
Gross turnover deflated by partially representative price indices Turnover from survey of hairdressers and providers of other beauty treatment services or administrative data taken from tax returns / Deflated by partially representative CPIs or a general price index Or **Volume indicators** Examples are: - Number of appointments	**Volume indicators** Examples are: - Employment	*9302*
Gross turnover deflated by partially representative price indices Turnover from survey of providers of burial and cremation services or administrative data taken from tax returns / Deflated by partially representative CPIs and PPIs or a general price index Or **Volume indicators** Examples are: - Number of deaths - Number of coffins	**Volume indicators** Examples are: - Employment	*9303*
Gross turnover deflated by partially representative price indices Turnover from survey of providers of other personal services or administrative data taken from tax returns / Deflated by partially representative CPIs or a general price index Or **Volume indicators** Examples are: - Number of clients - Number of coin-operated machines	**Volume indicators** Examples are: - Employment	*9309*

Code 95: Activities of private households as employers of domestic staff

This code covers the activities of households as employers of domestic personnel such as maids, cooks, waiters, valets, butlers, laundresses, gardeners, gatekeepers, stable-lads, chauffeurs, caretakers, governesses, babysitters, tutors, secretaries etc.. These services cannot be provided by companies.

This code has only one class: *9500 - Activities of private households as employers of domestic staff.* The product, which is self-consumed, is considered non-market and assessed according to the cost of the personnel in the national accounts.

ISIC class	Description	Explanatory notes	Preferred

9500	*Activities of private households as employers of domestic staff*	Includes the activities of households as employers of all types of domestic personnel	**Compensation of employees paid adjusted for payment in kind**
			Earnings of domestic staff from labour force surveys or administrative data taken from tax returns Weighted appropriate price indices
			Examples are:
			  - CPI: Domestic services
			
			Or
			Volume indicators
			Examples are:
			  - Number of domestic employees: Maids, cooks and waiters
			  Valets and butlers
			  Gardeners and stable hands
			  Chauffeurs
			  Governesses and tutors
			  Secretaries

CPI is Consumer price index.

The valuation of output is defined by ESA 1995 as equivalent to the **compensation of employees paid,** including any income in kind. In practice it may be difficult to collect reliable short-term data as small sample sizes and poor classification may lead to inappropriate volatility.

Alternative		Other	ISIC class
Compensation of employees paid Earnings of domestic staff from labour force surveys or administrative data taken from tax returns	Weighted appropriate price indices Examples are: - CPI: Domestic services	**Volume indicators** Examples are: - Number of employees	*9500*
Or **Volume indicators** Examples are: - Number of domestic employees:	Live-in Live-out Inside work Outside work		

Code 96: Undifferentiated goods-producing activities of private

This code covers the activities of households that are engaged in a variety of activities that produce goods for their own subsistence (otherwise known as undifferentiated subsistence goods-producing activities). If households are also engaged in the production of marketed goods, they are classified to the appropriate goods-producing industry of ISIC. If they are principally engaged in a specific goods-producing subsistence activity, they are classified to the appropriate goods-producing subsistence activity.

This code has only one class: *9600 - Undifferentiated goods-producing activities of private households for own use.* The product, which is self-consumed, is considered non-market and assessed according to the cost of the personnel in the national accounts.

ISIC class	Description	Explanatory notes	Preferred

9600	*Undifferentiated goods-producing activities of private households for own use*	Includes hunting and gathering, farming, the production of shelter and clothing and other goods produced by the household for its own use subsistence	**Compensation of employees paid**
			Earnings of domestic staff from labour force surveys or administrative data taken from tax returns Weighted appropriate price indices
			Examples are:
			  - CPI: Domestic services
			
			Or
			Volume indicators
			Examples are:
			    - Number of domestic employees: Live-in farm hands
			        Live-in stable-hands
			        Live-in gardeners
			        Live-out farm hands
			        Live-out stable-hands
			        Live-out gardeners

CPI is Consumer price index.

households for own use

The valuation of output is defined by ESA 1995 as equivalent to the **compensation of employees paid,** including any income in kind. In practice it may be difficult to collect reliable short-term data as small sample sizes and poor classification may lead to inappropriate volatility.

Alternative	Other	ISIC class

Price index deflated at source
Examples are:
- CPI: Domestic services
 	
Or
Volume indicators
Examples are:
    - Number of domestic employees: Live-in
                               Live-out
	Volume indicators
	Examples are:
	    - Number of employees
		9600

Code 97: Undifferentiated service-producing activities of private

This code covers the activities of households that are engaged in a variety of activities that produce services for their own subsistence (otherwise known as undifferentiated subsistence services-producing activities). If households are also engaged in the production of multiple goods for subsistence purposes, they are classified to the undifferentiated goods-producing subsistence activities of households.

This code has only one class: *9700 - Undifferentiated service-producing activities of private households for own use.* The product, which is self-consumed, is considered non-market and assessed according to the cost of the personnel in the national accounts.

ISIC class	Description	Explanatory notes	Preferred
9700	*Undifferentiated service-producing activities of private households for own use*	Includes cooking, teaching, caring for household members and other services produced by the household for its own use subsistence	**Compensation of employees paid** Earnings of domestic staff from labour force surveys or administrative data taken from tax returns — Weighted appropriate price indices Examples are: - CPI: Domestic services Or **Volume indicators** Examples are: - Number of domestic employees: Live-in cooks Live-in governesses and tutors Live-in nurses and carers Live-out cooks Live-out governesses and tutors Live-out nurses and carers

CPI is Consumer price index.

households for own use

The valuation of output is defined by ESA 1995 as equivalent to the **compensation of employees paid,** including any income in kind. In practice it may be difficult to collect reliable short-term data as small sample sizes and poor classification may lead to inappropriate volatility.

Alternative	Other	ISIC class

Price index deflated at source
Examples are:
 - CPI: Domestic services
 	
Or
Volume indicators
Examples are:
  - Number of domestic employees: Live-in
                                                           Live-out
	Volume indicators
	Examples are:
	  - Number of employees
		9700