



# Procurement by sectors and categories of goods and services

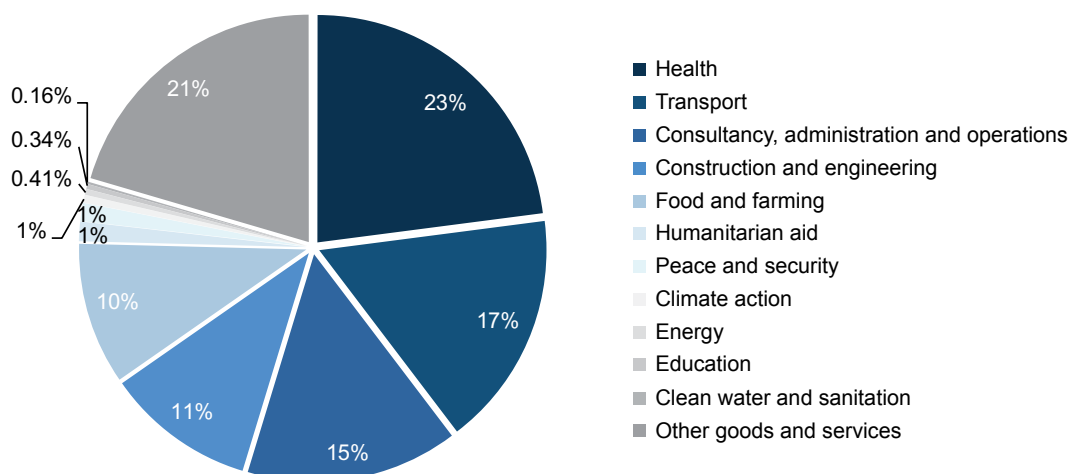
2015 Annual Statistical Report on United Nations Procurement

## Total procurement by sectors of goods and services

Procurement of goods and services by the UN system falls into a wide variety of categories, which can be grouped into sectors that relate to different areas of procurement, all of which support the activities of UN organizations. For this year's report, the sectors of categories have been updated to provide analysis in line with the current focus within the UN and its procurement operations. Each sector includes goods and services categories from different UNSPSC® segments and families. Figure 24 shows the distribution of UN system procurement across the largest sectors of goods and services categories.

Figure 24

Distribution of UN procurement by sector, 2015  
(in percentage of total 2015 volume)



In 2015, the health sector continued to be the largest sector in terms of procurement volume (which includes procurement of pharmaceuticals, healthcare services, and medical and laboratory equipment) with a share of 23 per cent of overall procurement last year. This is an increase of 2 percentage points over 2014.

Table 5

Procurement by sectors, 2015  
(in millions of US dollars and percentage)

Sectors of goods and services	Total	% of total
Health	4,032.87	22.95%
Transport	2,937.44	16.71%
Consultancy, administration and operation	2,646.10	15.06%
Construction and engineering	1,862.56	10.60%
Food and farming	1,774.98	10.10%
Humanitarian aid	242.21	1.38%
Peace and security	225.14	1.28%
Climate action	96.16	0.55%
Energy	72.19	0.41%
Education	60.44	0.34%
Clean water and sanitation	28.86	0.16%
Other goods and services	3,596.34	20.46%
<b>Grand Total</b>	<b>17,575.30</b>	

The transport sector (transport services and motor vehicles) is the second-largest sector of procurement for the UN system, with 17 per cent in 2015, compared to 16 per cent in 2014. The consultancy, administration and operations sector was the third-largest sector at 15 per cent of total UN procurement in 2015. This sector is new to this year's report, and includes both goods and services within the areas of consultancy, administration and operations either directly procured in relation to ongoing programmes and projects, or for administrative services or operations support to UN activities. It therefore broadens last year's sector, management and administrative services, which had 10 per cent of the procurement volume in 2014.

Construction and engineering (construction supplies and services, engineering services, structures), and food and farming (food, beverage, live plants and animals, farming accessories and services), are the two next-largest sectors with a share of approximately 10 to 11 per cent of total UN procurement volume in 2015. Both sectors had a volume of 11 per cent in 2014.

A sixth sector, fuels and fuel additives, was reported separately in 2013 and 2014 and this year is included in the grouping of other goods and services. Other goods and services represented 21 per cent of the total in 2015, compared to 27 per cent in 2014; this decrease mainly reflects re-categorization of the sectors in this year's report. A further six additional sectors are added to this year's report, in order to provide analysis and trends within procurement of these sectors over the coming years. This is being done in an attempt to align with procurement focus areas and to reflect the new Sustainable Development Goals. The new sectors are: humanitarian aid; peace and security; climate action; energy; education; and clean water and sanitation. Procurement within categories that are directly related to these sectors represents approximately 4 per cent of total UN procurement in 2015.

## Detailed procurement of the top five sectors by UNSPSC® family

Due to the availability of more accurate and detailed data provided by participating UN organizations, this section of the report will for the first time provide more detailed analysis on categories procured, with focus on the five largest sectors. Combined, the five-largest sectors of procurement account for 76 per cent (69 per cent in 2014) of total procurement of the UN system in 2015. This section of the report will provide further details of each sector, analysing main categories, major supplier countries and the largest procuring organizations within each sector.

The following analysis is based on goods and services categorization provided on the UN Standard Products and Services Code® UUNSPSC® family level<sup>54</sup>. For 2015, more than 66 per cent of all reported UN procurement is provided on this more detailed level of the UNSPSC® classification. Thirty-four per cent of reported data still remains on a more general level and will be displayed as "general goods and services" within each sector.

### Health sector

The top ten categories procured within the health sector are listed in order of procurement volume in Table 6 below. The table also provides information on the largest procuring organization and the share of that organization within that individual category.

As can be seen in the table, PAHO is procuring almost all Immunomodulating drugs that the UN procures, which is the largest single category under the health sector. Comprehensive health services, the second largest category, are predominantly procured by WHO. Clinical nutrition is nearly 100 per cent procured by UNICEF, and contraceptives are almost exclusively procured by UNFPA. Remaining top ten categories show a larger spread of

Table 6

Top ten categories on UNSPSC® family level within the health procurement sector, 2015  
(in millions of US dollars and percentage)

Categories (UNSPSC family level)	Total	Largest procuring organization	Share of organization (%)
Immunomodulating drugs	565.6	PAHO	96.10%
Comprehensive health services	463.4	WHO	95.91%
Amebicides and trichomonacides and antiprotozoals	266.3	UNDP	68.89%
Clinical nutrition	150.6	UNICEF	99.98%
Emergency and field medical services products	80.6	UNOPS	44.01%
Contraceptives incl. condoms, estrogen, progestins	62.5	UNFPA	98.79%
Patient care and treatment products and supplies	38.6	UNDP	47.33%
Patient exam and monitoring products	28.5	WHO	81.14%
Medical practice	21.9	UNPD	86.92%
Hormones and hormone antagonists	17.9	UNOPS	72.48%
Top 10 total	1696.0		42.05%
Grand Total	4032.9		

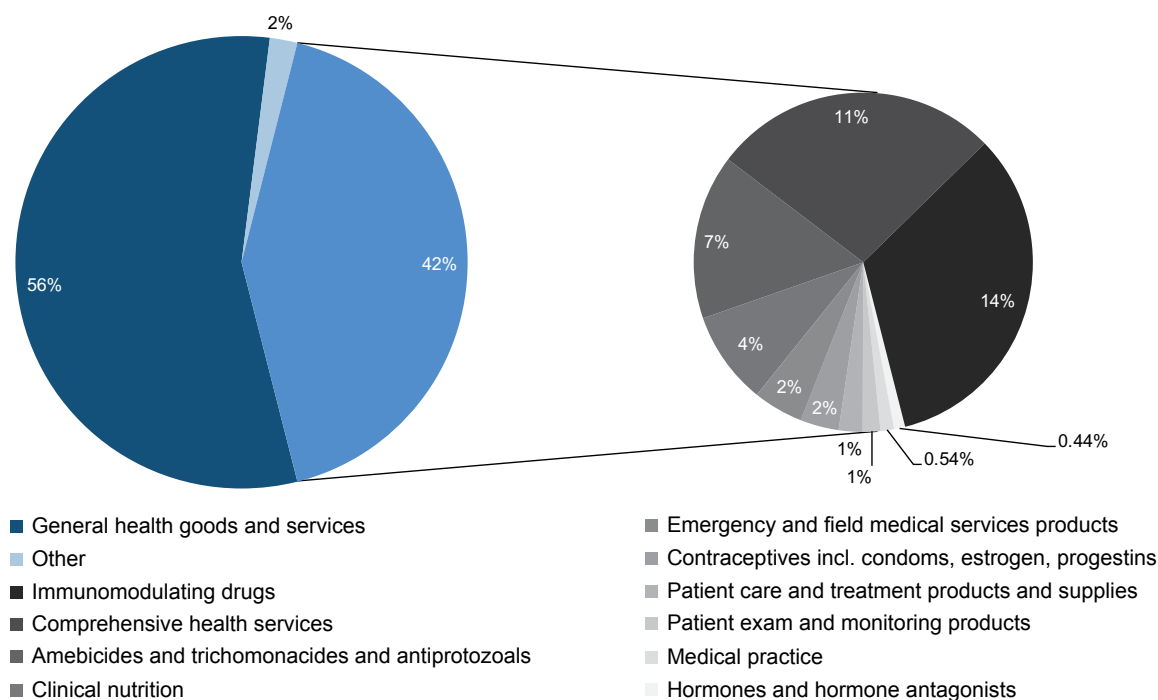
<sup>54</sup> The UNSPSC® category classification system categorizes goods and services following a 4 level hierarchy. 'Family' designates the second highest level of categorization, which classifies goods and services into more than 500 categories.

the volume amongst UN organizations, but most of the health categories show a specific UN organization having a dominating volume within the specific category.

Figure 25 shows the share of top ten categories in relation to total UN health procurement. Together, these top ten categories represent 42 per cent of overall health procurement in the UN system. 56 per cent of the procurement volume for health procurement was not reported on a UNSPSC® family level. Ninety-three per cent of this 56 per cent portion not categorized on the family-level represents UNICEF's health procurement, which consists predominantly of vaccines<sup>55</sup>. An additional 2 per cent of that is procurement volume by WHO and is categorized as health care services.

Figure 25

Health procurement within the UN system, total and top ten categories by UNSPSC® family, 2015 (in percentage)



Five UN organizations are responsible for 95 per cent of all UN health procurement in 2015 (Table 7). The main procuring organization in this sector is UNICEF, with 56 per cent of the total volume. Vaccines account for nearly half of UNICEF's total procurement expenditure in 2015.

PAHO and WHO procure 15 and 14 per cent of all health goods and services respectively in 2015.

Table 7

Top five UN organizations within the health procurement sector, 2015 (in millions of US dollars and percentage)

Largest UN organizations	Total	% of total
UNICEF	2,256.1	56%
PAHO	602.1	15%
WHO	564.6	14%
UNDP	235.6	6%
UNFPA	169.0	4%
Top 5 total	3,827.4	95%
Grand Total	4,032.9	

<sup>55</sup> Details provided by UNICEF

India is the main country of supply for the health sector, where \$994 million in health procurement originated from in 2015. This represents 25 per cent of total health procurement for the UN system last year. The top five supplier countries within this sector supply the UN system with 68 per cent of all goods and services related to health. The second- and third-largest supplier countries, the United States of America and Belgium, provide approximately 15 per cent of goods and services within the health sector. Together the top-three countries supply more than 50 per cent of all health procurement. All top five health supplier countries have pharmaceuticals as their largest category within health.

Table 8

Top five supplier countries within the health procurement sector, 2015  
(in millions of US dollars and percentage)

Largest supplier countries	Total	% of total
India	994.0	25%
United States of America	589.6	15%
Belgium	565.2	14%
France	301.2	7%
Netherlands	289.8	7%
Top 5 total	2,739.8	68%
Grand Total	4,032.9	

## Transport

Table 9 provides information on the top ten categories procured within the transport sector, together with largest procuring organization, including the share of that organization within that category. The largest category within transport is mail and cargo transportation, with WFP responsible for 76 per cent of all procurement within that category. WFP is also responsible for 65 per cent of all procurement of storage, and are the top organization with regard to other transport-related categories. The second-largest category within this sector is passenger transportation, with UNPD responsible for 76 per cent of total 2015 volume within that category. The third-largest transport category is motor vehicles, with UNOPS responsible for 26 per cent of 2015 volume.

Table 9

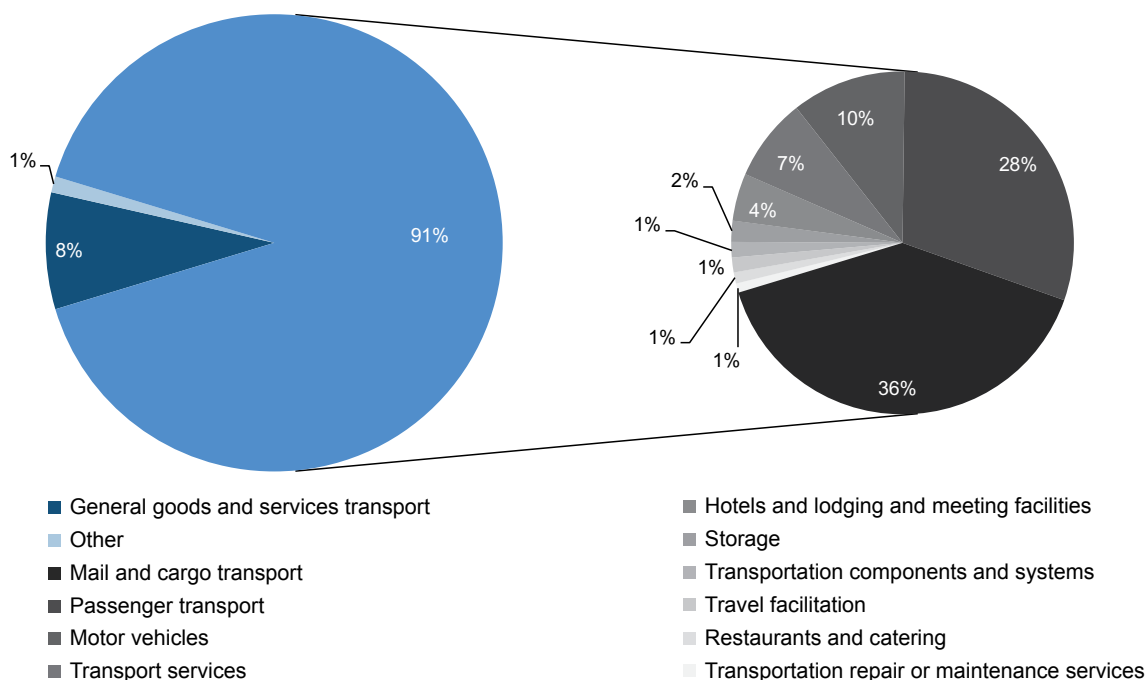
Top ten categories on UNSPSC® family level within the transport sector, 2015  
(in millions of US dollars and percentage)

Categories (UNSPSC family level)	Total	Largest procuring organization	Share of organization (%)
Mail and cargo transport	1061.7	WFP	75.91%
Passenger transport	804.5	UNPD	75.70%
Motor vehicles	288.0	UNOPS	26.12%
Transport services	208.5	WFP	40.55%
Hotels and lodging and meeting facilities	119.4	UNDP	33.79%
Storage	52.7	WFP	64.70%
Transportation components and systems	38.7	UNPD	54.39%
Travel facilitation	37.3	UNFPA	29.81%
Restaurants and catering	27.7	UNPD	23.66%
Transportation repair or maintenance services	23.5	WFP	44.44%
Top 10 total	2662.0		90.62%
Grand Total	2937.4		

Together the top ten categories within the transport sector represent 91 per cent of total procurement with the transport sector. Only 8 per cent of this category is not reported at UNSPSC® family level. The two main categories: mail and cargo transport; and passenger transport represent 64 per cent of all transport procurement.

Figure 26

Transport procurement within the UN system, total and top ten by UNSPSC® family level, 2015  
(in percentage)



The top five UN organizations procuring goods and services within the transport sector represent 84 per cent of all UN transport procurement in 2015 (Table 10). The main procuring organizations in this sector are WFP, which is responsible for \$992.2 million, representing 34 per cent of total UN transport procurement, and UNPD with \$911.9 million. Combined, these two organizations represent 65 per cent of the total volume.

The main country of supply for the transport sector is Denmark with \$274.7 million, representing 9 per cent of total UN transport procurement for 2015. The top five transport supplier countries together supply the UN system with 36 per cent of all transport procurement.

Table 10

Top five UN organizations within the transport sector, 2015  
(in millions of US dollars and percentage)

Largest UN organizations	Total	% of total
WFP	992.2	34%
UNPD	911.9	31%
UNICEF	237.0	8%
UNDP	178.5	6%
UNOPS	138.6	5%
Top 5 total	2,458.2	84%
Grand Total	2,937.4	

Table 11

Top five supplier countries within the transport sector, 2015  
(in millions of US dollars and percentage)

Largest supplier countries	Total	% of total
Denmark	274.7	9%
Russian Federation	249.7	8%
United States of America	211.4	7%
Kenya	170.5	6%
Ethiopia	157.5	5%
Top 5 total	1,063.6	36%
Grand Total	2,937.4	

## Consultancy, administration and operations

This category includes goods and services either directly procured in relation to ongoing programmes and projects, or for administrative services or operational support to UN activities. It is a sector in which all organizations are dependent on to operate.

Table 12

Top ten categories on UNSPSC® family level within consultancy, administration and operations, 2015  
(in millions of US dollars and percentage)

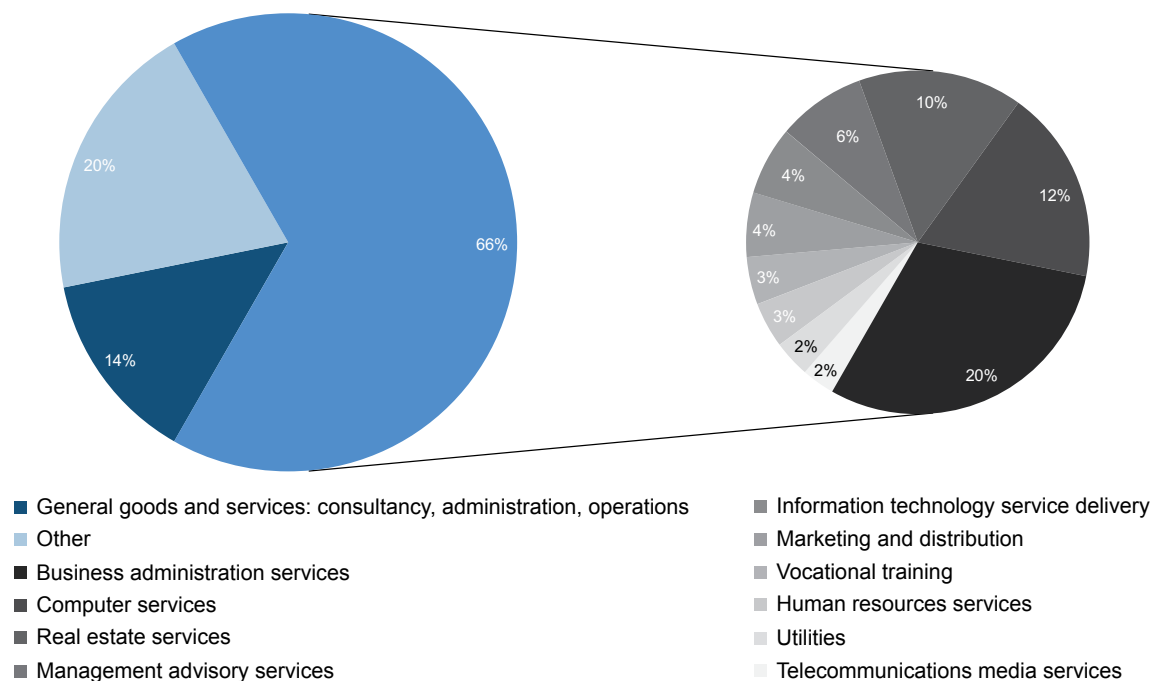
Categories (UNSPSC family level)	Total	Largest procuring organization	Share of organization (%)
Business administration services	530.8	UNDP	46.34%
Computer services	321.1	UNPD	38.78%
Real estate services	272.7	UNPD	43.83%
Management advisory services	146.7	ILO	19.28%
Information technology service delivery	113.7	WIPO	22.83%
Marketing and distribution	106.8	UNHCR	67.43%
Vocational training	78.9	UNDP	47.70%
Human resources services	75.6	UN WOMEN	34.25%
Utilities	60.7	UNHCR	17.01%
Telecommunications media services	54.9	UNPD	24.38%
Top 10 total	1,761.9		66.58%
Grand Total	2,646.1		

The top ten categories procured within consultancy, administration and operations represent 67 per cent of total procurement within this sector. The main categories are business administration services (20 per cent), followed by computer services (12 per cent) and real estate services (10 per cent) (Figure 27). Remaining categories at the family level represent 20 per cent of this sector's procurement and 14 per cent of all sector procurement is reported at the family level.

The top five UN organizations procuring consultancy, administration and operations are responsible for 68 per

Figure 27

Consultancy, administration and operations procurement within the UN system, total and top ten by UNSPSC® family, 2015  
(in percentage)



cent of all UN procurement within this sector in 2015. The largest procuring organization in this sector is UNDP, responsible for \$519.8 million, representing 20 per cent of total sector procurement. UNHCR, UNPD and UNICEF all procured 14 per cent each of the totals in this sector. WFP having a share of 6 per cent of all UN procurement in this sector.

The main country of supply for the consultancy, administration and operations sectors is the United States of

Table 13

Top five UN organizations within the consultancy, administration and operations sector, 2015  
(in millions of US dollars and percentage)

Largest UN organizations	Total	% of total
UNDP	519.8	20%
UNHCR	376.2	14%
UNPD	375.9	14%
UNICEF	362.4	14%
WFP	159.6	6%
Top 5 total	1,794.0	68%
Grand Total	2,646.1	

America with \$465.8 million, representing 18 per cent of total sector procurement for 2015. Together, the top five supplier countries in this sector supplied the UN system with 37 per cent of all consultancy, administration and operations.

Table 14

Top five supplier countries within the consultancy, administration and operations sector, 2015  
(in millions of US dollars and percentage)

Largest supplier countries	Total	% of total
United States of America	465.8	18%
Switzerland	188.3	7%
United Kingdom of Great Britain and Northern Ireland	121.8	5%
Lebanon	115.6	4%
Italy	87.2	3%
Top 5 total	978.8	37%
Grand Total	2,646.1	

## Construction and engineering

The main category within this sector is professional engineering services with a total volume of \$435.7 million (Table 15). UNOPS is the largest procuring organization with 49 per cent of total procurement in that category.

The International Labour Organization (ILO) procured 59 per cent of all building and facility maintenance and repair services in 2015. This is mainly attributable to the renovation of ILO's headquarters' facilities in Geneva, which also led to a 150 per cent increase of ILO total procurement volume compared to previous year.

The third-largest category, nonresidential building construction services, the main procuring organization is UNPD with 56 per cent of the total in this category. UNPD is also the largest organization in other categories in the top ten, in particular with portable buildings and structures, where UNPD volume is nearly 100 per cent of the total.

UNHCR procures more than 90 per cent of both structural materials and lamps and lightbulbs and lamp components.

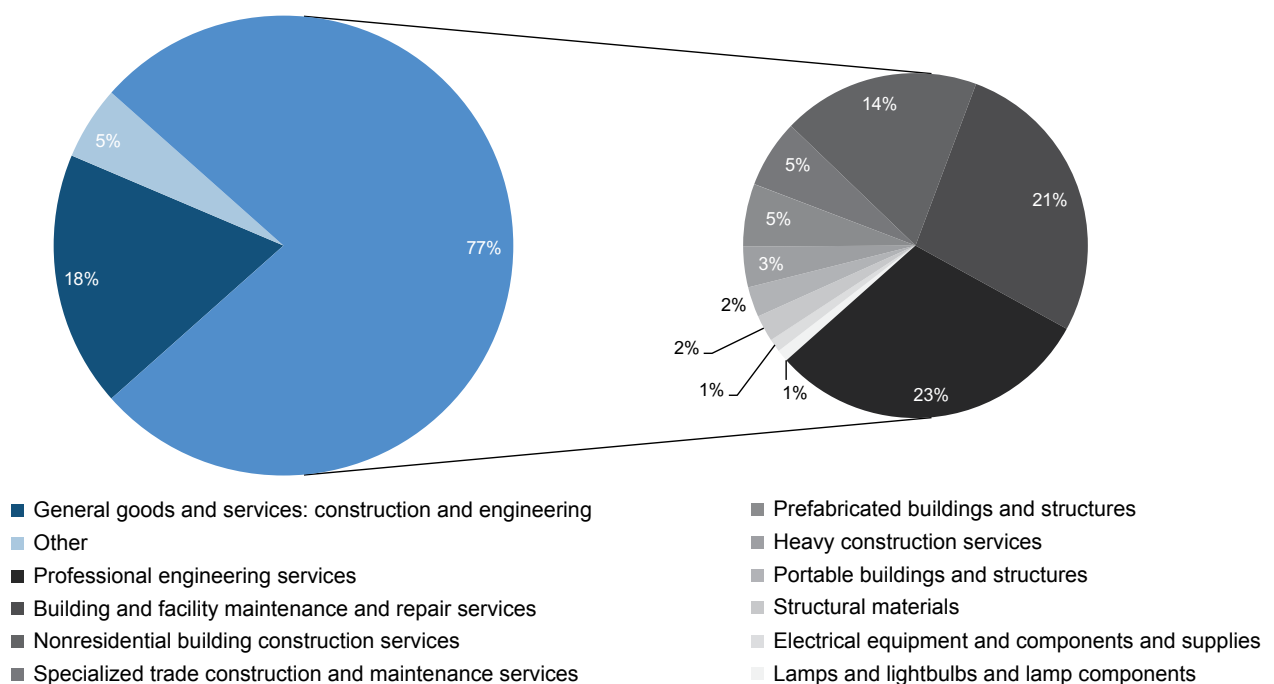
Table 15

Top ten categories on UNSPSC® family level within the construction and engineering sector, 2015  
(in millions of US dollars and percentage)

Categories (UNSPSC family level)	Total	Largest procuring organization	Share of organization (%)
Professional engineering services	435.7	UNOPS	48.60%
Building and facility maintenance and repair services	390.9	ILO	58.92%
Nonresidential building construction services	265.5	UNPD	55.90%
Specialized trade construction and maintenance services	91.3	UNPD	60.29%
Prefabricated buildings and structures	84.3	UNPD	68.61%
Heavy construction services	54.4	UNFPA	26.14%
Portable buildings and structures	40.5	UNPD	99.76%
Structural materials	35.7	UNHCR	91.17%
Electrical equipment and components and supplies	17.6	UNPD	56.87%
Lamps and lightbulbs and lamp components	16.1	UNHCR	94.52%
Top 10 total	1,431.9		76.88%
Grand Total	1,862.6		

Figure 28

Construction and engineering sector procurement within the UN system, total and top ten by UNSPSC® family, 2015  
(in percentage)



Together the top ten categories represent 77 per cent of total procurement in this sector (Figure 28). Eighteen per cent in this sector is not reported at a UNSPSC® family level. Professional engineering services account for 23 per cent of total procurement, and building and facility maintenance and repair services account for 21 per cent. Non-residential building construction services represent 14 per cent and the remaining categories each have a share of 5 per cent or less.

Five UN organizations have a combined volume of 74 per cent of all UN procurement in the sector of construction and engineering in 2015. The main procuring organization in this sector is UNPD, procuring 20 per cent of all construction and engineering goods and services (Table 16). UNICEF is the second largest organization with 17 per cent, and UNOPS is the third largest with 14 per cent.

Table 16

Top five UN organizations within the construction and engineering sector, 2015  
(in millions of US dollars and percentage)

Largest UN organizations	Total	% of total
UNPD	365.1	20%
UNICEF	312.9	17%
UNOPS	267.2	14%
ILO	232.4	12%
UNDP	201.4	11%
Top 5 total	1,379.0	74%
Grand Total	1,862.6	

The main supplier country for construction and engineering is Switzerland with \$282 million, representing 15 per cent of total procurement for this sector in 2015. Together, the top five supplier countries in this sector supplied the UN system with 33 per cent of all construction and engineering-related procurement.

Table 17

Top five supplier countries within construction and engineering sector, 2015  
(in millions of US dollars and percentage)

Largest supplier countries	Total	% of total
Switzerland	282.0	15%
Italy	99.6	5%
United States of America	94.1	5%
United Kingdom of Great Britain and Northern Ireland	73.1	4%
Singapore	64.3	3%
Top 5 total	613.2	33%
Grand Total	1,862.6	

## Food and Farming

The food and farming sector has a strong relation to some organizations' mandates, similarly to the health sector. Table 18 shows that the majority of top ten categories within the food sector have one UN organization procuring between 95 and 100 per cent of that category. UNPD procures 96 per cent of all prepared and preserved foods, while the Food and Agriculture Organization (FAO) procures most of the unprocessed foods and agricultural categories. The United Nations Relief and Works Agency for Palestine Refugees in the Near East (UNRWA) procures almost a 100 per cent of all cereals, dairy products, and edible oils and fats. The Pan American Health Organization (PAHO) procures 76 per cent of all pest-control products. The only category within the top ten categories without a dominant organization is agricultural and forestry machinery and equipment, where FAO procures 36 per cent.

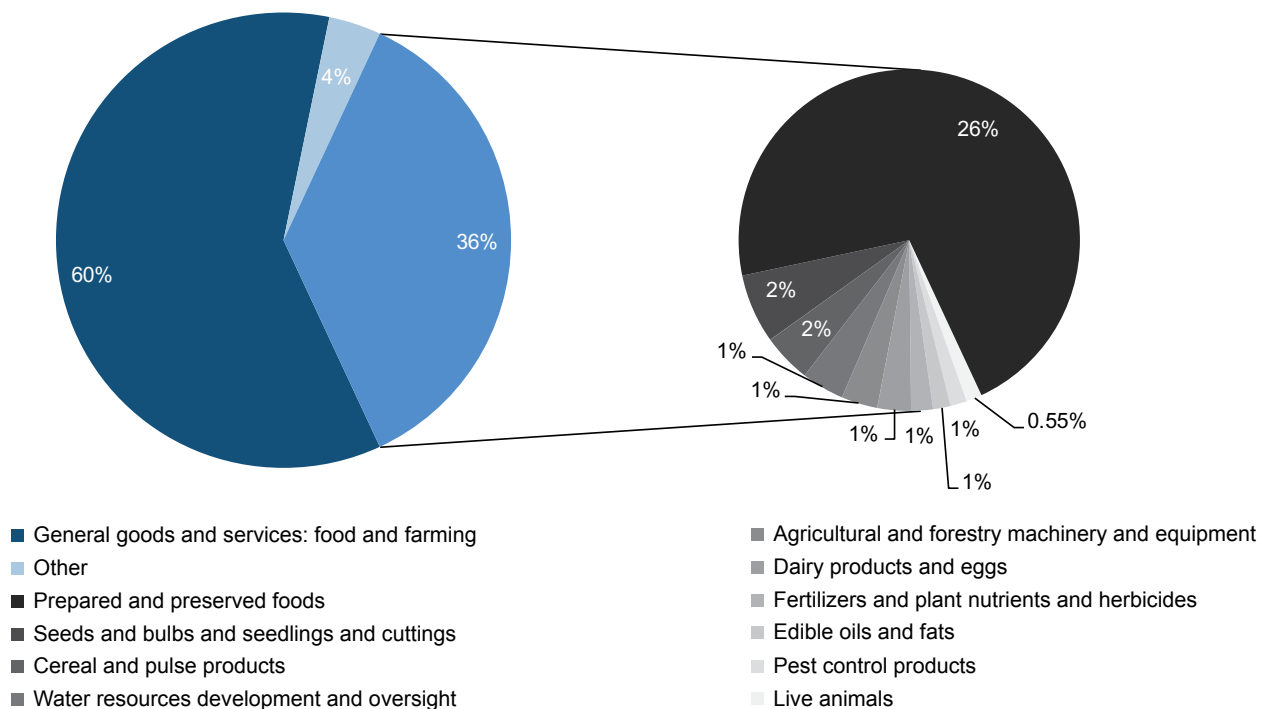
Table 18

Top ten categories on UNSPSC® family level within the food and farming sector, 2015  
(in millions of US dollars and percentage)

Categories (UNSPSC family level)	Total	Largest procuring organization	Share of organization (%)
Prepared and preserved foods	457.2	UNPD	95.55%
Seeds and bulbs and seedlings and cuttings	42.0	FAO	95.88%
Cereal and pulse products	29.6	UNRWA	98.22%
Water resources development and oversight	26.0	FAO	74.09%
Agricultural and forestry machinery and equipment	22.0	FAO	36.15%
Dairy products and eggs	20.4	UNRWA	99.06%
Fertilizers and plant nutrients and herbicides	13.2	FAO	95.85%
Edible oils and fats	10.5	UNRWA	99.12%
Pest control products	10.0	PAHO	75.90%
Live animals	9.7	FAO	94.87%
Top 10 total	640.6		36.09%
Grand Total	1,775.0		

Figure 29

Food and farming procurement within the UN system, total and top ten by UNSPSC® family, 2015  
(in percentage)



The top ten categories represent 36 per cent of total procurement (Figure 29), while 60 per cent of procurement in this sector was not at a UNSPSC® family level. The category “prepared and preserved foods” is by far the largest with 26 per cent of the total of the top ten family-level categories. The distribution between the remaining categories is dispersed, with categories covering 2 per cent or less of total procurement within this sector.

Almost all procurement (98 per cent) of food and farming categories is covered by five UN organizations (Table 19). The main procuring organization of food is WFP, procuring 60 per cent of all goods and services in this sector. The WFP reports all their food procurement as ‘General food procurement’, resulting in all of the ‘General goods and services food and farming’ in Figure 29, is food from WFP. This is also reflected in table 18, where WFP does not show as one of the largest procuring agencies.

For procurement volume reported on a UNSPSC® family level, UNPD is the largest organization with 25 per cent of all food procurement in 2015; almost all of this volume is prepared and preserved foods. FAO procures 6 per cent of all food and farming related goods and services, procuring goods and services that are predominantly related to agriculture. UNRWA is responsible for 5 per cent of total food and farming procurement and UNDP for 2 per cent.

Table 19

Top five UN organizations within the food and farming sector, 2015  
(in millions of US dollars and percentage)

Largest UN organizations	Total	% of total
WFP	1,073.6	60%
UNPD	439.9	25%
FAO	113.2	6%
UNRWA	84.9	5%
UNDP	28.4	2%
Top 5 total	1,740.0	98%
Grand Total	1,775.0	

Table 20 shows the top five supplying countries for food and farming. The United Arab Emirates is the largest supplier country in this section, with 15 per cent of total procurement volume. The top five supplier countries combined supply the UN system with 43 per cent of all goods and services related to food and farming. Turkey accounts for 12 per cent of the categories and Panama accounts for 7 per cent.

Table 20

Top five supplier countries within the food and farming sector, 2015  
(in millions of US dollars and percentage)

Largest supplier countries	Total	% of total
United Arab Emirates	267.3	15%
Turkey	217.5	12%
Panama	116.7	7%
India	90.2	5%
Russian Federation	76.7	4%
Top 5 total	768.4	43%
Grand Total	1,775.0	