

**Table 23**  
**Intra- and extra-ASEAN trade by commodity group, 2015**  
as of November 2016

ASEAN Statistics

2-digit HS code	Commodity group <sup>1)</sup> Description	Intra-ASEAN			Extra-ASEAN			Total ASEAN		
		Exports	Imports	Total trade	Exports	Imports	Total trade	Exports	Imports	Total trade
		(in US\$ million)			(in US\$ million)			(in US\$ million)		
01	Live animals	491	322	813	44	1,157	1,201	535	1,479	2,015
02	Meat and edible meat offal	342	89	431	667	3,217	3,884	1,009	3,306	4,315
03	Fish and crustaceans, molluscs and other aquatic invertebrates	1,675	1,225	2,900	9,313	4,162	13,475	10,988	5,387	16,375
04	Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	731	780	1,510	879	4,147	5,026	1,609	4,927	6,536
05	Products of animal origin, not elsewhere specified or included	24	29	53	88	430	517	112	459	571
06	Live trees and other plants; bulbs, roots and the like; cut flowers and ornamental foliage	74	84	158	287	124	411	361	208	569
07	Edible vegetables and certain roots and tubers	711	1,009	1,720	3,502	2,128	5,630	4,213	3,138	7,350
08	Edible fruit and nuts; peel of citrus fruits or melons	1,105	1,016	2,120	5,636	3,516	9,152	6,740	4,532	11,272
09	Coffee, tea, maté and spices	1,036	946	1,982	5,588	744	6,332	6,624	1,690	8,314
10	Cereals	2,662	1,560	4,223	6,073	8,872	14,945	8,735	10,432	19,168
11	Products of the milling industry; malt; starches; inulin; wheat gluten	701	674	1,375	1,949	1,246	3,195	2,650	1,920	4,570
12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit; industrial or medicinal plants; straw and fodder	190	242	432	748	4,173	4,921	937	4,415	5,353
13	Lac; gums, resins and other vegetable saps and extracts	59	50	109	303	309	613	362	360	722
14	Vegetable plaiting materials; vegetable products not elsewhere specified or included	38	57	94	174	8	183	212	65	277
15	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	4,054	3,765	7,820	29,263	1,025	30,288	33,318	4,790	38,108
16	Preparations of meat, of fish or of crustaceans, molluscs or other aquatic invertebrates	669	416	1,085	8,634	557	9,192	9,303	973	10,276
17	Sugars and sugar confectionery	1,667	1,440	3,106	2,327	2,518	4,844	3,993	3,957	7,951
18	Cocoa and cocoa preparations	1,124	755	1,879	2,390	1,622	4,011	3,514	2,377	5,890
19	Preparations of cereals, flour, starch or milk; pastrycooks' products	2,227	1,858	4,084	3,206	1,282	4,488	5,433	3,140	8,572
20	Preparations of vegetables, fruit, nuts or other parts of plants	493	321	814	3,326	1,069	4,394	3,818	1,390	5,208
21	Miscellaneous edible preparations	2,873	2,261	5,134	3,565	2,702	6,267	6,438	4,963	11,401
22	Beverages, spirits and vinegar	3,928	972	4,900	2,072	3,397	5,469	6,000	4,369	10,370
23	Residues and waste from the food industries; prepared animal fodder	1,018	989	2,007	2,390	9,819	12,209	3,408	10,808	14,217
24	Tobacco and manufactured tobacco substitutes	2,121	1,079	3,200	1,335	1,595	2,930	3,456	2,674	6,130
25	Salt; sulphur; earths and stone; plastering materials, lime and cement	1,523	1,634	3,157	1,030	2,352	3,382	2,554	3,986	6,540
26	Ores, slag and ash	524	151	676	6,383	2,935	9,318	6,907	3,086	9,993
27	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	59,520	52,933	112,453	77,719	107,611	185,330	137,239	160,544	297,783
28	Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, of radioactive elements or of isotopes	940	821	1,760	2,161	7,004	9,166	3,101	7,825	10,926
29	Organic chemicals	6,535	4,859	11,394	19,990	17,114	37,104	26,524	21,974	48,498
30	Pharmaceutical products	1,363	1,066	2,429	7,040	9,720	16,760	8,403	10,785	19,189
31	Fertilisers	884	786	1,670	412	6,591	7,002	1,295	7,377	8,672
32	Tanning or dyeing extracts; tannins and their derivatives; dyes, pigments and other colouring matter; paints and varnishes; putty and other mastics; inks	1,907	1,201	3,107	2,161	5,726	7,887	4,067	6,927	10,994
33	Essential oils and resinoids; perfumery, cosmetic or toilet preparations	3,261	2,054	5,316	4,717	5,228	9,946	7,979	7,283	15,261
34	Soap, organic surface-active agents, washing preparations, lubricating preparations, artificial waxes, prepared waxes, polishing or scouring preparations, candles and similar articles, modelling pastes, 'dental waxes' and dental preparations with a base	1,374	1,049	2,423	2,305	2,192	4,498	3,679	3,241	6,920
35	Albuminoidal substances; modified starches; glues; enzymes	486	300	786	910	1,639	2,549	1,396	1,939	3,335
36	Explosives; pyrotechnic products; matches; pyrophoric alloys; certain combustible preparations	53	36	89	59	207	266	112	244	356
37	Photographic or cinematographic goods	143	56	200	275	734	1,009	419	790	1,209
38	Miscellaneous chemical products	3,753	2,828	6,580	9,098	11,339	20,437	12,850	14,167	27,017
39	Plastics and articles thereof	13,048	9,585	22,632	25,575	31,601	57,176	38,623	41,186	79,808
40	Rubber and articles thereof	5,237	3,502	8,739	24,081	7,154	31,236	29,318	10,656	39,974
41	Raw hides and skins (other than furskins) and leather	375	449	823	1,000	2,929	3,929	1,375	3,378	4,753
42	Articles of leather; saddlery and harness; travel goods, handbags and similar containers; articles of animal gut (other than silkworm gut)	545	228	773	4,644	2,597	7,241	5,189	2,824	8,013
43	Furskins and artificial fur; manufactures thereof	9	6	16	339	441	781	349	447	796
44	Wood and articles of wood; wood charcoal	1,253	2,055	3,308	14,354	2,460	16,814	15,607	4,515	20,122
45	Cork and articles of cork	1	2	2	1	11	12	2	12	14
46	Manufactures of straw, of esparto or of other plaiting materials; basketware and wickerwork	11	4	15	326	28	354	337	32	369
47	Pulp of wood or of other fibrous cellulose material; recovered (waste and scrap) paper or paperboard	166	399	565	2,281	2,352	4,633	2,447	2,751	5,198
48	Paper and paperboard; articles of paper pulp, of paper or of paperboard	3,185	3,229	6,414	4,797	6,165	10,962	7,982	9,394	17,377
49	Printed books, newspapers, pictures and other products of the printing industry; manuscripts, typescripts and plans	2,003	305	2,308	2,205	1,050	3,255	4,208	1,355	5,563
50	Silk	17	5	21	78	99	177	95	104	199
51	Wool, fine or coarse animal hair; horsehair yarn and woven fabric	13	18	31	126	457	584	139	475	615
52	Cotton	457	310	767	2,925	6,859	9,784	3,382	7,169	10,551
53	Other vegetable textile fibres; paper yarn and woven fabrics of paper yarn	4	2	6	107	124	231	110	127	237
54	Man-made filaments	740	552	1,292	2,677	4,235	6,913	3,417	4,787	8,204
55	Man-made staple fibres	745	577	1,321	3,566	5,668	9,234	4,311	6,244	10,555
56	Wadding, felt and nonwovens; special yarns; twine, cordage, ropes and cables and articles thereof	425	265	690	810	1,466	2,276	1,236	1,731	2,966
57	Carpets and other textile floor coverings	57	47	104	241	236	478	298	283	582
58	Special woven fabrics; tufted textile fabrics; lace; tapestries; trimmings; embroidery	166	84	250	371	1,656	2,027	537	1,740	2,277
59	Impregnated, coated, covered or laminated textile fabrics; textile articles of a kind suitable for industrial use	267	169	436	730	2,327	3,056	996	2,496	3,492
60	Knitted or crocheted fabrics	739	531	1,269	400	7,264	7,664	1,139	7,795	8,934
61	Articles of apparel and clothing accessories, knitted or crocheted	820	986	1,806	22,803	2,426	25,229	23,624	3,412	27,035
62	Articles of apparel and clothing accessories, not knitted or crocheted	661	466	1,127	18,297	2,564	20,862	18,958	3,030	21,988
63	Other made-up textile articles; sets; worn clothing and worn textile articles; rags	390	196	587	2,111	986	3,096	2,501	1,182	3,683
64	Footwear, gaiters and the like; parts of such articles	919	722	1,640	18,107	2,237	20,344	19,026	2,958	21,985
65	Headgear and parts thereof	38	17	55	428	121	548	465	138	603
66	Umbrellas, sun umbrellas, walking sticks, seat-sticks, whips, riding crops and parts thereof	5	3	7	51	83	134	55	86	141
67	Prepared feathers and down and articles made of feathers or of down; artificial flowers; articles of human hair	61	11	72	432	137	569	493	147	640
68	Articles of stone, plaster, cement, asbestos, mica or similar materials	968	844	1,812	831	1,442	2,274	1,799	2,287	4,086
69	Ceramic products	535	499	1,034	1,481	2,184	3,666	2,017	2,683	4,700
70	Glass and glassware	1,092	982	2,074	1,914	2,723	4,637	3,006	3,705	6,712
71	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	5,292	5,865	11,157	22,795	19,824	42,619	28,087	25,689	53,776

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		Exports	Imports	Total trade	Exports	Imports	Total trade	Exports	Imports	Total trade
		(in US\$ million)			(in US\$ million)			(in US\$ million)		
72	Iron and steel	3,482	2,381	5,863	4,258	32,969	37,227	7,740	35,350	43,091
73	Articles of iron or steel	5,253	3,872	9,125	9,615	19,169	28,784	14,869	23,041	37,909
74	Copper and articles thereof	2,271	2,813	5,084	4,650	8,226	12,876	6,921	11,039	17,960
75	Nickel and articles thereof	229	482	712	3,791	2,723	6,514	4,021	3,206	7,226
76	Aluminium and articles thereof	1,862	1,637	3,498	3,683	10,186	13,869	5,545	11,823	17,367
78	Lead and articles thereof	152	78	231	247	666	913	399	744	1,143
79	Zinc and articles thereof	94	62	156	357	1,173	1,530	451	1,234	1,686
80	Tin and articles thereof	922	942	1,863	1,849	143	1,992	2,771	1,085	3,856
81	Other base metals, carbides; articles thereof	44	33	77	243	518	761	286	551	837
82	Tools, implements, cutlery, spoons and forks, of base metal; parts thereof of base metal	777	333	1,110	1,466	3,333	4,799	2,243	3,666	5,909
83	Miscellaneous articles of base metal	864	548	1,412	1,358	2,425	3,783	2,222	2,973	5,195
84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	39,564	26,129	65,693	98,381	118,778	217,159	137,945	144,907	282,852
85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	65,549	53,150	118,699	230,909	195,324	426,233	296,458	248,474	544,932
86	Railway or tramway locomotives, rolling stock and parts thereof; railway or tramway track fixtures and fittings and parts thereof; mechanical (including electromechanical) traffic signalling equipment of all kinds	101	60	162	172	1,072	1,243	273	1,132	1,405
87	Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	15,313	10,621	25,934	27,112	28,611	55,724	42,425	39,232	81,657
88	Aircraft, spacecraft, and parts thereof	1,827	643	2,469	7,539	16,459	23,998	9,365	17,102	26,467
89	Ships, boats and floating structures	1,809	1,956	3,765	3,791	3,320	7,112	5,600	5,277	10,876
90	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	6,827	4,465	11,292	27,954	22,976	50,930	34,781	27,442	62,222
91	Clocks and watches and parts thereof	1,180	517	1,697	1,821	3,257	5,077	3,000	3,774	6,774
92	Musical instruments; parts and accessories of such articles	72	133	205	615	291	906	687	353	1,039
93	Arms and ammunition; parts and accessories thereof	9	22	30	47	623	670	56	644	700
94	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, not elsewhere specified or included; illuminated signs, illuminated name-plates and the like; prefabricated buildings	1,162	922	2,085	10,832	3,819	14,651	11,994	4,742	16,736
95	Toys, games and sports requisites; parts and accessories thereof	553	261	814	2,738	1,759	4,497	3,291	2,021	5,311
96	Miscellaneous manufactured articles	744	515	1,260	1,589	2,246	3,835	2,334	2,761	5,095
97	Works of art, collectors' pieces and antiques	66	71	137	323	301	624	389	372	761
99	Other products	2,448	858	3,306	22,092	7,732	29,824	24,540	8,591	33,131
<b>Total</b>		<b>305,693</b>	<b>238,059</b>	<b>543,751</b>	<b>876,338</b>	<b>850,220</b>	<b>1,726,558</b>	<b>1,182,031</b>	<b>1,088,279</b>	<b>2,270,310</b>

Source: ASEAN Secretariat

Notes:

Some figures may not sum up to totals due to rounding off errors.

1/ based on the 2-digit classification (section) of the Harmonized System (HS)

2/ include products with unspecified codes and/or products that could not be explicitly classified according to the current HS