

IVL Financials

Full calendar year 2016		
Net sales	254,619,539	
Cost of Goods Sold	218,197,747	
Selling expenses	14,637,914.00	GSA
Administrative expenses	7,041,124	GSA
management benefit expenses	143,666	Not included in costs
Impairment losses	607,905	Not included in costs
Net foreign exchange loss	0	
Finance costs	4,222,321	Financial expenses
Net income before taxes	18,421,333.00	
GS&A	21,679,038.00	
Financial expense	4,222,321.00	
Profit as % of revenues	7.2%	
Profit as % of costs	8.4%	
GS&A as % of revenues	8.5%	
GS&A as % of costs	9.9%	
Financial costs as % of revenues	1.7%	
Financial costs as % of costs	1.9%	

Indorama Ventures Public Company Limited and its Subsidiaries

Statement of financial position

Assets	Note	Consolidated financial statements		Separate financial statements	
		31 December		31 December	
		2016	2015	2016	2015
<i>(in thousand Baht)</i>					
Current assets					
Cash and cash equivalents	6	4,025,648	3,232,476	1,068,060	7,424
Current investments	7	114,695	451,805	-	-
Trade accounts receivable	5, 8	31,085,499	27,499,572	-	-
Short-term loans to related parties	5	434,186	265,561	16,125,482	11,788,515
Inventories	9	40,458,854	31,785,633	-	-
Other current assets	5, 10	8,376,367	7,313,154	223,318	59,735
Total current assets		84,495,249	70,548,201	17,416,860	11,855,674
Non-current assets					
Investments in subsidiaries and other equity security	11	-	-	57,798,256	46,846,899
Investments in joint ventures	12	5,529,831	1,962,392	-	-
Other long-term investments	7	89,963	119,605	70,000	70,000
Long-term loans to related parties	5	127,040	165,441	30,585,235	40,409,081
Property, plant and equipment	14	136,860,347	120,365,582	-	-
Goodwill	15	9,654,840	9,788,557	-	-
Other intangible assets	16	17,602,243	13,581,188	-	-
Deferred tax assets	17	2,233,466	2,686,770	-	10,332
Other non-current assets	5	1,787,500	2,422,879	616,760	423,365
Total non-current assets		173,885,230	151,092,414	89,070,251	87,759,677
Total assets		258,380,479	221,640,615	106,487,111	99,615,351

The accompanying notes are an integral part of these financial statements.

Indorama Ventures Public Company Limited and its Subsidiaries

Statement of financial position

	<i>Note</i>	Consolidated financial		Separate financial	
		statements		statements	
		31 December		31 December	
Liabilities and equity		2016	2015	2016	2015
		<i>(in thousand Baht)</i>			
<i>Current liabilities</i>					
Bank overdrafts and short-term loans from financial institutions	18	9,205,553	12,115,009	-	1,244,000
Trade accounts payable	5, 19	37,316,103	31,148,966	-	-
Short-term loans from related party	5, 18	19,247	-	-	-
Current portion of long-term loans from financial institutions	18	4,403,644	2,118,153	263,075	184,641
Current portion of debentures	18	5,499,308	2,898,005	5,499,308	2,898,005
Current portion of finance lease liabilities	18	7,623	8,440	-	-
Income tax payable		1,189,903	1,162,679	-	-
Other current liabilities	5, 20	8,220,130	7,931,899	573,159	344,064
Total current liabilities		65,861,511	57,383,151	6,335,542	4,670,710
<i>Non-current liabilities</i>					
Long-term loans from financial institutions	18	51,167,944	34,140,288	11,953,140	7,728,858
Debentures	18	31,789,798	32,310,010	26,860,823	27,358,481
Finance lease liabilities	18	12,432	16,351	-	-
Deferred tax liabilities	17	14,796,013	11,223,050	68,165	-
Employee benefit obligations	21	2,027,811	1,795,506	-	-
Other non-current liabilities	14	910,038	1,819,297	31,427	294,864
Total non-current liabilities		100,704,036	81,304,502	38,913,555	35,382,203
Total liabilities		166,565,547	138,687,653	45,249,097	40,052,913

The accompanying notes are an integral part of these financial statements.

Indorama Ventures Public Company Limited and its Subsidiaries

Statement of financial position

Liabilities and equity	Note	Consolidated financial statements		Separate financial statements	
		31 December		31 December	
		2016	2015	2016	2015
<i>(in thousand Baht)</i>					
Equity					
Share capital:					
Authorised share capital	22	5,666,010	5,666,010	5,666,010	5,666,010
Issued and paid-up share capital	22	4,814,272	4,814,272	4,814,272	4,814,272
Additional paid in capital:					
Share premium	22	29,775,147	29,775,147	29,775,147	29,775,147
Unrealised surpluses (deficits)					
Hedging reserve	23	(52,368)	(61,763)	281,271	40,028
Currency translation differences	23	1,491,162	4,658,692	-	-
Excess of cost over book value					
of acquired subsidiaries	23	(3,290,829)	(3,290,829)	-	-
Differences arising from common					
control transactions	23	(1,235,562)	(1,235,562)	-	-
Retained earnings					
Appropriated					
Legal reserve	23	2,327,121	1,989,919	566,601	566,601
Unappropriated		40,352,360	28,301,295	10,926,651	9,492,318
Equity attributable to shareholders					
of the Company					
		74,181,303	64,951,171	46,363,942	44,688,366
Subordinated perpetual debentures	24	14,874,072	14,874,072	14,874,072	14,874,072
Equity attributable to equity holders					
of the Company					
		89,055,375	79,825,243	61,238,014	59,562,438
Non-controlling interests	13	2,759,557	3,127,719	-	-
Total equity		91,814,932	82,952,962	61,238,014	59,562,438
Total liabilities and equity		258,380,479	221,640,615	106,487,111	99,615,351

The accompanying notes are an integral part of these financial statements.

Indorama Ventures Public Company Limited and its Subsidiaries

Statement of income

	<i>Note</i>	Consolidated financial statements		Separate financial statements	
		Year ended 31 December		Year ended 31 December	
		2016	2015	2016	2015
<i>(in thousand Baht)</i>					
Income					
Revenue from sale of goods	5	254,619,539	234,697,949	-	-
Interest income	5	124,361	166,689	2,791,620	2,726,247
Dividend income	5, 11	-	-	3,962,231	3,128,853
Net foreign exchange gain		543,117	48,496	-	246,125
Gain on bargain purchases	4	6,698,607	3,625,688	-	-
Other income	4(v), 5, 14, 26	1,459,462	1,594,755	488,997	388,081
Total income		263,445,086	240,133,577	7,242,848	6,489,306
Expenses					
Cost of sale of goods	5, 27	218,197,747	208,177,200	-	-
Selling expenses	5, 28	14,637,914	12,443,474	-	-
Administrative expenses	5, 29	7,041,124	6,736,503	60,869	329,029
Management benefit expenses	30	143,666	112,895	17,320	17,881
Impairment losses	14, 16	607,905	-	-	-
Net foreign exchange loss		-	-	127,942	-
Finance costs	32	4,222,321	3,652,131	1,931,614	1,744,299
Total expenses		244,850,677	231,122,203	2,137,745	2,091,209
Share of losses of investments in joint ventures, net	12	(173,076)	(242,165)	-	-
Profit before income tax expense		18,421,333	8,769,209	5,105,103	4,398,097
Income tax expense	33	2,062,154	1,880,815	18,186	44,354
Profit for the year		16,359,179	6,888,394	5,086,917	4,353,743
Profit attributable to:					
Owners of the Company		16,197,103	6,609,264	5,086,917	4,353,743
Non-controlling interests	13	162,076	279,130	-	-
Profit for the year		16,359,179	6,888,394	5,086,917	4,353,743
Earnings per share					
Basic and diluted earnings per share <i>(in Baht)</i>	35	3.15	1.15	0.84	0.69

The accompanying notes are an integral part of these financial statements.

Indorama Ventures Public Company Limited and its Subsidiaries

Statement of comprehensive income

	<i>Note</i>	Consolidated financial statements		Separate financial statements	
		Year ended 31 December		Year ended 31 December	
		2016	2015	2016	2015
		<i>(in thousand Baht)</i>			
Profit for the year		16,359,179	6,888,394	5,086,917	4,353,743
Other comprehensive income					
<i>Items that will not be reclassified to profit or loss</i>					
Remeasurements of defined benefit asset (liability)	21	(230,899)	134,747	-	-
Income tax on other comprehensive income		56,450	(37,701)	-	-
		(174,449)	97,046	-	-
<i>Items that are or may be reclassified subsequently to profit or loss</i>					
Foreign currency translation differences for foreign operations		(3,537,220)	3,798,347	-	-
Net gain (loss) on hedge of net investment in foreign operations		301,553	(143,546)	301,553	(143,546)
Effective portion of changes in fair value of cash flow hedges		15,130	(34,722)	-	-
Income tax on other comprehensive income		(66,093)	38,996	(60,310)	28,709
		(3,286,630)	3,659,075	241,243	(114,837)
Other comprehensive income for the year, net of income tax		(3,461,079)	3,756,121	241,243	(114,837)
Total comprehensive income for the year		12,898,100	10,644,515	5,328,160	4,238,906
Total comprehensive income attributable to:					
Owners of the Company		12,882,716	10,382,014	5,328,160	4,238,906
Non-controlling interests	13	15,384	262,501	-	-
Total comprehensive income for the year		12,898,100	10,644,515	5,328,160	4,238,906

The accompanying notes are an integral part of these financial statements.

Indorama Ventures Public Company Limited and its Subsidiaries
Statement of changes in equity

Consolidated financial statements														
Note	Issued and paid-up share capital	Share premium	Retained earnings		Other components of equity				Equity attributable to shareholders of the Company	Subordinated perpetual debentures	Equity attributable to equity holders of the Company	Non-controlling interests	Total equity	
			Legal reserve	Unappropriated	Currency translation differences	Hedging reserve	Excess of cost over book value of acquired subsidiaries	Difference arising from common control transactions						
Year ended 31 December 2015														
Balance at 1 January 2015														
	4,814,257	29,774,627	1,834,749	24,873,476	955,455	(37,417)	(3,300,235)	(1,235,562)	57,679,350	14,874,072	72,553,422	2,056,208	74,609,630	
Transactions with owners, recorded directly in equity														
<i>Contributions by and distributions to owners of the Company</i>														
Issue of ordinary shares due to warrants exercised	22	15	520	-	-	-	-	-	535	-	535	-	535	
Dividends	36	-	-	(2,070,134)	-	-	-	-	(2,070,134)	-	(2,070,134)	(58,104)	(2,128,238)	
Total contributions by and distributions to owners of the Company		15	520	(2,070,134)	-	-	-	-	(2,069,599)	-	(2,069,599)	(58,104)	(2,127,703)	
<i>Changes in ownership interests in subsidiaries</i>														
Acquisition of non-controlling interests without a change in control		-	-	-	-	-	9,406	-	9,406	-	9,406	(23,476)	(14,070)	
Acquisition of non-controlling interests through business combination	4	-	-	-	-	-	-	-	-	-	-	23,450	23,450	
Acquisition of non-controlling interests with a change in control		-	-	-	-	-	-	-	-	-	-	867,140	867,140	
Total changes in ownership interests in subsidiaries		-	-	-	-	-	9,406	-	9,406	-	9,406	867,114	876,520	
Total transactions with owners, recorded directly in equity		15	520	(2,070,134)	-	-	9,406	-	(2,060,193)	-	(2,060,193)	809,010	(1,251,183)	
Comprehensive income for the year														
Profit		-	-	6,609,264	-	-	-	-	6,609,264	-	6,609,264	279,130	6,888,394	
Other comprehensive income		-	-	93,859	3,703,237	(24,346)	-	-	3,772,750	-	3,772,750	(16,629)	3,756,121	
Total comprehensive income for the year		-	-	6,703,123	3,703,237	(24,346)	-	-	10,382,014	-	10,382,014	262,501	10,644,515	
Coupon payment on subordinated perpetual debentures	24	-	-	(1,050,000)	-	-	-	-	(1,050,000)	-	(1,050,000)	-	(1,050,000)	
Transfer to legal reserve		-	-	155,170	(155,170)	-	-	-	-	-	-	-	-	
Balance at 31 December 2015		4,814,272	29,775,147	1,989,919	28,301,295	4,658,692	(61,763)	(3,290,829)	(1,235,562)	64,951,171	14,874,072	79,825,243	3,127,719	82,952,962

The accompanying notes are an integral part of these financial statements.

Indorama Ventures Public Company Limited and its Subsidiaries
Statement of changes in equity

Consolidated financial statements

Note	Issued and paid-up		Retained earnings		Other components of equity				Equity	Subordinated	Equity	Non-	Total	
	share capital	Share premium	Legal reserve	Unappropriated	Currency translation differences	Hedging reserve	Excess of cost over book value of acquired subsidiaries	Difference arising from common control transactions	attributable to shareholders of the Company	perpetual debentures	attributable to equity holders of the Company	controlling interests	equity	
Year ended 31 December 2016														
	4,814,272	29,775,147	1,989,919	28,301,295	4,658,692	(61,763)	(3,290,829)	(1,235,562)	64,951,171	14,874,072	79,825,243	3,127,719	82,952,962	
Balance at 1 January 2016														
Transactions with owners, recorded directly in equity														
<i>Distributions to owners of the Company</i>														
Dividends	36	-	-	(2,599,707)	-	-	-	-	(2,599,707)	-	(2,599,707)	(383,546)	(2,983,253)	
Total distributions to owners of the Company		-	-	(2,599,707)	-	-	-	-	(2,599,707)	-	(2,599,707)	(383,546)	(2,983,253)	
Total transactions with owners, recorded directly in equity		-	-	(2,599,707)	-	-	-	-	(2,599,707)	-	(2,599,707)	(383,546)	(2,983,253)	
Comprehensive income for the year														
Profit		-	-	16,197,103	-	-	-	-	16,197,103	-	16,197,103	162,076	16,359,179	
Other comprehensive income		-	-	(156,252)	(3,167,530)	9,395	-	-	(3,314,387)	-	(3,314,387)	(146,692)	(3,461,079)	
Total comprehensive income for the year		-	-	16,040,851	(3,167,530)	9,395	-	-	12,882,716	-	12,882,716	15,384	12,898,100	
Coupon payment on subordinated perpetual debentures	24	-	-	(1,052,877)	-	-	-	-	(1,052,877)	-	(1,052,877)	-	(1,052,877)	
Transfer to legal reserve		-	337,202	(337,202)	-	-	-	-	-	-	-	-	-	
Balance at 31 December 2016		4,814,272	29,775,147	2,327,121	40,352,360	1,491,162	(52,368)	(3,290,829)	(1,235,562)	74,181,303	14,874,072	89,055,375	2,759,557	91,814,932

The accompanying notes are an integral part of these financial statements.

Indorama Ventures Public Company Limited and its Subsidiaries

Statement of changes in equity

	Note	Separate financial statements							Total equity
		Issued and paid-up share capital	Share premium	Legal reserve	Retained earnings		Equity attributable to shareholders of the Company	Subordinated perpetual debentures	
					Unappropriated	Hedging reserve			
					<i>(in thousand Baht)</i>				
Year ended 31 December 2015									
Balance at 1 January 2015		4,814,257	29,774,627	481,586	8,343,724	154,865	43,569,059	14,874,072	58,443,131
Transactions with owners, recorded directly in equity									
<i>Contributions by and distributions to owners of the Company</i>									
Issue of ordinary shares due to warrants exercised	22	15	520	-	-	-	535	-	535
Dividends	36	-	-	-	(2,070,134)	-	(2,070,134)	-	(2,070,134)
Total contributions by and distributions to owners of the Company		15	520	-	(2,070,134)	-	(2,069,599)	-	(2,069,599)
Total transactions with owners, recorded directly in equity		15	520	-	(2,070,134)	-	(2,069,599)	-	(2,069,599)
Comprehensive income for the year									
Profit		-	-	-	4,353,743	-	4,353,743	-	4,353,743
Other comprehensive income		-	-	-	-	(114,837)	(114,837)	-	(114,837)
Total comprehensive income for the year		-	-	-	4,353,743	(114,837)	4,238,906	-	4,238,906
Coupon payment on subordinated perpetual debentures	24	-	-	-	(1,050,000)	-	(1,050,000)	-	(1,050,000)
Transfer to legal reserve		-	-	85,015	(85,015)	-	-	-	-
Balance at 31 December 2015		4,814,272	29,775,147	566,601	9,492,318	40,028	44,688,366	14,874,072	59,562,438

The accompanying notes are an integral part of these financial statements.

Indorama Ventures Public Company Limited and its Subsidiaries

Statement of changes in equity

	Note	Separate financial statements							Total equity
		Issued and paid-up share capital	Share premium	Legal reserve	Retained earnings		Equity attributable to shareholders of the Company	Subordinated perpetual debentures	
					Unappropriated	Hedging reserve			
<i>(in thousand Baht)</i>									
Year ended 31 December 2016									
Balance at 1 January 2016		4,814,272	29,775,147	566,601	9,492,318	40,028	44,688,366	14,874,072	59,562,438
Transactions with owners, recorded directly in equity									
<i>Distributions to owners of the Company</i>									
Dividends	36	-	-	-	(2,599,707)	-	(2,599,707)	-	(2,599,707)
Total distributions to owners of the Company		-	-	-	(2,599,707)	-	(2,599,707)	-	(2,599,707)
Total transactions with owners, recorded directly in equity		-	-	-	(2,599,707)	-	(2,599,707)	-	(2,599,707)
Comprehensive income for the year									
Profit		-	-	-	5,086,917	-	5,086,917	-	5,086,917
Other comprehensive income		-	-	-	-	241,243	241,243	-	241,243
Total comprehensive income for the year		-	-	-	5,086,917	241,243	5,328,160	-	5,328,160
Coupon payment on subordinated perpetual debentures	24	-	-	-	(1,052,877)	-	(1,052,877)	-	(1,052,877)
Balance at 31 December 2016		4,814,272	29,775,147	566,601	10,926,651	281,271	46,363,942	14,874,072	61,238,014

The accompanying notes are an integral part of these financial statements.

Statement of cash flows

	Note	Consolidated financial statements		Separate financial statements	
		Year ended 31 December		Year ended 31 December	
		2016	2015	2016	2015
<i>(in thousand Baht)</i>					
Cash flows from operating activities					
Profit for the year		16,359,179	6,888,394	5,086,917	4,353,743
<i>Adjustments for</i>					
Depreciation	31	9,626,582	8,324,497	-	-
Amortisation of intangible assets and other assets	31	1,438,848	1,001,196	-	-
Interest income		(124,361)	(166,689)	(2,791,620)	(2,726,247)
Dividend income	11	-	-	(3,962,231)	(3,128,853)
Gains on bargain purchases	4	(6,698,607)	(3,625,688)	-	-
Gain on partial disposal of interest in subsidiary with a change in control	4(v)	(30,189)	-	-	-
Share of losses of investments in joint ventures, net of income tax	12	173,076	242,165	-	-
Finance costs	32	4,222,321	3,652,131	1,931,614	1,744,299
Unrealised foreign exchange (gain) loss		(311,889)	129,879	(18,272)	(119,065)
Provision for bad and doubtful debts expense, net (Reversal of allowance) provision for write-down value of inventory to net realisable value	8	30,391	19,896	-	-
Provision for impairment on property, plant and equipment	14	501,344	8,929	-	-
Provision for impairment on intangible assets (Reversal of) provision loss	16	106,561	-	-	-
on unrecoverable advance payment for project	29	(432,901)	609,701	-	211,637
Employee benefits expense	21	294,798	317,474	-	-
Reversal of decommissioning liabilities	14	(221,232)	-	-	-
Loss on disposal of property, plant and equipment, net		9,343	111,318	-	-
Income tax expense	33	2,062,154	1,880,815	18,186	44,354
		<u>26,938,306</u>	<u>19,434,150</u>	<u>264,594</u>	<u>379,868</u>
Changes in operating assets and liabilities					
Trade accounts receivable		(236,121)	4,515,770	-	-
Inventories		(2,632,992)	1,168,229	-	-
Other current assets		(547,378)	(92,562)	(12,574)	(77,444)
Other non-current assets		(17,935)	(124,906)	(1,555)	-
Trade accounts payable		3,613,745	(1,046,844)	-	-
Other current liabilities		(217,596)	932,719	(13,175)	36,071
Other non-current liabilities		(504,118)	770,861	-	-
Employee benefits obligation		(186,901)	(117,540)	-	-
Cash generated from operating activities		<u>26,209,010</u>	<u>25,439,877</u>	<u>237,290</u>	<u>338,495</u>
Income taxes paid		<u>(1,262,835)</u>	<u>(633,770)</u>	<u>-</u>	<u>-</u>
Net cash from operating activities		<u>24,946,175</u>	<u>24,806,107</u>	<u>237,290</u>	<u>338,495</u>

The accompanying notes are an integral part of these financial statements.

Statement of cash flows

	Note	Consolidated		Separate	
		financial statements		financial statements	
		Year ended 31 December		Year ended 31 December	
		2016	2015	2016	2015
<i>(in thousand Baht)</i>					
<i>Cash flows from investing activities</i>					
Interest received		134,369	193,010	2,850,729	2,872,603
Dividend received	11	-	-	3,962,231	3,128,853
Purchase of property, plant and equipment		(13,411,373)	(10,281,778)	-	-
Proceeds from sale of property, plant and equipment		87,121	79,147	-	-
Proceeds from sale of other investments, net		361,812	4,868,095	-	5,000,000
Purchase of intangible assets		(107,816)	(55,823)	-	-
Proceeds from sale of intangible assets		-	783	-	-
Net cash outflow on acquisitions of businesses	4	(22,238,959)	(15,267,379)	-	-
Net cash outflow on additional investments in subsidiaries and a joint ventures	11, 12	(2,198,856)	(175,912)	(10,951,357)	(4,705,826)
Advance payment on additional investment in subsidiary and a joint venture		(687,387)	(412,497)	-	(1,918)
Net cash inflow on partial disposal of interest in a subsidiary with a change in control	4(v)	552,368	-	-	-
Reimbursement (advance payment) for project	29	1,126,533	(247,163)	-	-
Net cash from (used in) investing activities		(36,382,188)	(21,299,517)	(4,138,397)	6,293,712
<i>Cash flows from financing activities</i>					
Interest paid		(4,340,944)	(3,646,630)	(1,870,877)	(1,699,214)
Deferred financing cost paid		(224,554)	(90,537)	(52,665)	(55,917)
Dividends paid to owners of the Company	36	(2,599,459)	(2,069,886)	(2,599,459)	(2,069,886)
Dividends paid to non-controlling interests		(383,546)	(58,104)	-	-
Proceeds from short and long-term borrowings		27,322,663	8,803,640	5,973,650	7,366,570
Repayment of short and long-term borrowings		(8,477,117)	(14,998,775)	(2,954,450)	(5,798,093)
Repayment of debenture		(2,900,000)	-	(2,900,000)	-
Repayment of finance leases		(8,606)	(7,902)	-	-
Proceeds from issue of ordinary shares due to warrants exercised	22	-	535	-	535
Proceeds from issue of debenture, net of debenture issuance costs of Baht 8,443,479 in 2016 (2015: Baht 44,178,674)	18	4,991,557	7,686,048	4,991,557	2,745,490
Coupon payment on subordinated perpetual debentures		(1,052,877)	(1,050,000)	(1,052,877)	(1,050,000)
Loans to subsidiaries		-	-	5,426,864	(8,951,317)
Loans from a joint venture		19,247	-	-	-
Loans to joint ventures		(123,684)	(175,869)	-	-
Net cash from (used in) financing activities		12,222,680	(5,607,480)	4,961,743	(9,511,832)
Net increase (decrease) in cash and cash equivalents		786,667	(2,100,890)	1,060,636	(2,879,625)
Cash and cash equivalents at 1 January		3,232,476	5,339,083	7,424	2,887,049
Effect of exchange rate changes on balances held in foreign currencies		6,505	(5,717)	-	-
Cash and cash equivalents at 31 December	6	4,025,648	3,232,476	1,068,060	7,424

The accompanying notes are an integral part of these financial statements.

Turkish MEG/PTA Imports 2016

Turkish PET Resin Raw Materials Cost 2016

MEG/MT 995.624107
PTA/MT 935.784748
Total RM \$ 1,143.89

MEG: (Comtrade: HS 2905.31)

World:

Year	Trade Flow	Reporter	Partner	Commodity Code	Netweight (kg)	Trade Value (US\$)	US\$/kg	US\$/MT	2016 fx	C\$/MT
2016	Import	Turkey	World	290531	319843198	240240327	0.75111907	751.119075	1.32552	995.624107

Specific Countries:

Year	Trade Flow	Reporter	Partner	Commodity Code	Netweight (kg)	Trade Value (US\$)
2016	Import	Turkey	World	290531	319843198	240240327
2016	Import	Turkey	Belgium	290531	4098076	2986733
2016	Import	Turkey	Canada	290531	1995	15675
2016	Import	Turkey	China	290531	169	176
2016	Import	Turkey	Czechia	290531	20921	32938
2016	Import	Turkey	France	290531	3684	4107
2016	Import	Turkey	Germany	290531	378771	405357
2016	Import	Turkey	Iran	290531	17755675	14166375
2016	Import	Turkey	Italy	290531	14404	23950
2016	Import	Turkey	Japan	290531	2163	2290
2016	Import	Turkey	Rep. of Korea	290531	2023930	1572869
2016	Import	Turkey	Kuwait	290531	64237749	46756781
2016	Import	Turkey	Malta	290531	1348366	918879
2016	Import	Turkey	Netherlands	290531	409	2443
2016	Import	Turkey	Russian Federation	290531	4722433	3610708
2016	Import	Turkey	Saudi Arabia	290531	191777383	142761538
2016	Import	Turkey	India	290531	20381	26019
2016	Import	Turkey	Singapore	290531	900000	711500
2016	Import	Turkey	Spain	290531	10300	15029
2016	Import	Turkey	Thailand	290531	400000	274061
2016	Import	Turkey	United Arab Emirates	290531	43260	35925
2016	Import	Turkey	USA	290531	32083129	25916974

PTA (Comtrade: HS 2917.36)

World:

Year	Trade Flow	Reporter	Partner	Commodity Code	Netweight (kg)	Trade Value (US\$)	US\$/kg	US\$/MT	2016 fx	C\$/MT
2015	Import	Turkey	World	291736	469202008	331244909	0.70597505	705.975046	1.32552	935.784748

Specific Countries:

Year	Trade Flow	Reporter	Partner	Commodity Code	Netweight (kg)	Trade Value (US\$)
2016	Import	Turkey	World	291736	469202008	331244909
2016	Import	Turkey	Belgium	291736	124268111	83556022
2016	Import	Turkey	Iran	291736	1631854	1118209
2016	Import	Turkey	Italy	291736	21695	13694
2016	Import	Turkey	Rep. of Korea	291736	236789000	170531098
2016	Import	Turkey	Malaysia	291736	19185560	13147055
2016	Import	Turkey	Poland	291736	7153600	4933699
2016	Import	Turkey	Portugal	291736	8444950	6410035
2016	Import	Turkey	Saudi Arabia	291736	52160	26100
2016	Import	Turkey	India	291736	10056263	8094036
2016	Import	Turkey	Spain	291736	47561300	32360058
2016	Import	Turkey	Thailand	291736	13510820	10616969
2016	Import	Turkey	Free Zones	291736	468000	393325
2016	Import	Turkey	USA	291736	58695	44609

Welcome to the trade data extraction interface!

Keep an eye out for other new features (/data/doc/releasenotes/) being added based on your feedback!

1. Type of product & Frequency

Type of product

Goods Services

Frequency

Annual Monthly

2. Classification

HS (Harmonized System)

As reported 92 96 02 07 12

SITC (Standard International Trade Classification)

As reported **(Very few datasets submitted as SITC after 1993. Use revision 1 or check data availability if no data is returned.)* Rev. 1 Rev. 2 Rev. 3 Rev. 4

BEC (Broad Economic Categories)

BEC

3. Select desired data

Periods (year)

2016

All or a valid period. Up to 5 may be selected.

Reporters

Turkey

All or a valid reporter. Up to 5 may be selected. All may only be used if a partner is selected.

Partners

All

World, All, or a valid reporter. Up to 5 may be selected. All may only be used if a reporter is selected.

Trade flows

Import

All or select multiple trade flows.

HS (as reported) commodity codes

290531 - Ethylene glycol (ethanediol)

All, Total, AG[X] or a valid code. Up to 20 may be selected. If you know the code number, e.g. 01 - Live animals, type 01. To search by description type a word, e.g. rice.

4. See the results

Preview »

Download CSV 

Issues opening CSV in Excel? See this Microsoft how-to. (<http://office.microsoft.com/en-us/excel-help/import-or-export-text-txt-or-csv-files-HP010099725.aspx>)

5. Preview (22 records)

Show 25 entries

Period	Trade Flow	Reporter	Partner	Commodity Code	Trade Value (US\$)	Netweight (kg)	Qty Unit	Qty	Flag
2016	Import	Turkey	World	290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))	\$240,240,327	319,843,198	Weight in kilograms	319,843,198	0
2016	Import	Turkey	Belgium	290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))	\$2,986,733	4,098,076	Weight in kilograms	4,098,076	0
2016	Import	Turkey	Canada	290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))	\$15,675	1,995	Weight in kilograms	1,995	0

Submitted by Compagnie Selenis Canada

Period	Trade Flow	Reporter	Partner	Commodity Code	Trade Value (US\$)	Netweight (kg)	Qty Unit	Qty	Flag
2016	Import	Turkey	China	<u>290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))</u>	\$176	169	Weight in kilograms	169	0
2016	Import	Turkey	Czechia	<u>290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))</u>	\$32,938	20,921	Weight in kilograms	20,921	0
2016	Import	Turkey	France	<u>290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))</u>	\$4,107	3,684	Weight in kilograms	3,684	0
2016	Import	Turkey	Germany	<u>290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))</u>	\$405,357	378,771	Weight in kilograms	378,771	0
2016	Import	Turkey	Iran	<u>290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))</u>	\$14,166,375	17,755,675	Weight in kilograms	17,755,675	0
2016	Import	Turkey	Italy	<u>290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))</u>	\$23,950	14,404	Weight in kilograms	14,404	0
2016	Import	Turkey	Japan	<u>290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))</u>	\$2,290	2,163	Weight in kilograms	2,163	0
2016	Import	Turkey	Rep. of Korea	<u>290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))</u>	\$1,572,869	2,023,930	Weight in kilograms	2,023,930	0
2016	Import	Turkey	Kuwait	<u>290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))</u>	\$46,756,781	64,237,749	Weight in kilograms	64,237,749	0
2016	Import	Turkey	Malta	<u>290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))</u>	\$918,879	1,348,366	Weight in kilograms	1,348,366	0
2016	Import	Turkey	Netherlands	<u>290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))</u>	\$2,443	409	Weight in kilograms	409	0
2016	Import	Turkey	Russian Federation	<u>290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))</u>	\$3,610,708	4,722,433	Weight in kilograms	4,722,433	0
2016	Import	Turkey	Saudi Arabia	<u>290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))</u>	\$142,761,538	191,777,383	Weight in kilograms	191,777,383	0
2016	Import	Turkey	India	<u>290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))</u>	\$26,019	20,381	Weight in kilograms	20,381	0
2016	Import	Turkey	Singapore	<u>290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))</u>	\$711,500	900,000	Weight in kilograms	900,000	0
2016	Import	Turkey	Spain	<u>290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))</u>	\$15,029	10,300	Weight in kilograms	10,300	0
2016	Import	Turkey	Thailand	<u>290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))</u>	\$274,061	400,000	Weight in kilograms	400,000	0
2016	Import	Turkey	United Arab Emirates	<u>290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))</u>	\$35,925	43,260	Weight in kilograms	43,260	0
2016	Import	Turkey	USA	<u>290531 (Organic chemicals // Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Diols : // -- Ethylene glycol (ethanediol))</u>	\$25,916,974	32,083,129	Weight in kilograms	32,083,129	0

First Previous 1 Next Last

Modify selection 

Download CSV 

Estimated quantity/netweight shown in italics.

Flag refers to quantity/netweight estimation:

0 = no estimation, 2 = quantity, 4 = netweight, 6 = both quantity and netweight

[View API call](#) | [API documentation \(/data/Doc/API\)](#)

Contact us

Trade Statistics Branch (<http://unstats.un.org/unsd/trade/>)

United Nations Statistics Division (<http://unstats.un.org/>)

Trade in commodities: comtrade@un.org (<mailto:comtrade@un.org>)

Trade in services: tradeserv@un.org (<mailto:tradeserv@un.org>)

Submitted by Compagnie Selenis Canada

Welcome to the trade data extraction interface!

Keep an eye out for other new features (/data/doc/releasenotes/) being added based on your feedback!

1. Type of product & Frequency

Type of product

Goods Services

Frequency

Annual Monthly

2. Classification

HS (Harmonized System)

As reported 92 96 02 07 12

SITC (Standard International Trade Classification)

As reported *... (Very few datasets submitted as SITC after 1993. Use revision 1 or check data availability if no data is returned.)* Rev. 1 Rev. 2 Rev. 3 Rev. 4

BEC (Broad Economic Categories)

BEC

3. Select desired data

Periods (year)

2016

All or a valid period. Up to 5 may be selected.

Reporters

Turkey

All or a valid reporter. Up to 5 may be selected. All may only be used if a partner is selected.

Partners

All

World, All, or a valid reporter. Up to 5 may be selected. All may only be used if a reporter is selected.

Trade flows

Import

All or select multiple trade flows.

HS (as reported) commodity codes

291736 - Terephthalic acid, its salts

All, Total, AG[X] or a valid code. Up to 20 may be selected. If you know the code number, e.g. 01 - Live animals, type 01. To search by description type a word, e.g. rice.

4. See the results

Preview »

Download CSV 

Issues opening CSV in Excel? See this Microsoft how-to. (<http://office.microsoft.com/en-us/excel-help/import-or-export-text-txt-or-csv-files-HP010099725.aspx>)

5. Preview (14 records)

Show 25 entries

Period	Trade Flow	Reporter	Partner	Commodity Code	Trade Value (US\$)	Netweight (kg)	Qty Unit	Qty	Flag
2016	Import	Turkey	World	291736 (Organic chemicals // Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Aromatic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives : // -- Terephthalic acid and its salts)	\$331,244,909	469,202,008	Weight in kilograms	469,202,008	0
2016	Import	Turkey	Belgium	291736 (Organic chemicals // Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Aromatic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives : // -- Terephthalic acid and its salts)	\$83,556,022	124,268,111	Weight in kilograms	124,268,111	0

Submitted by Compagnie Selenis Canada

Period	Trade Flow	Reporter	Partner	Commodity Code	Trade Value (US\$)	Netweight (kg)	Qty Unit	Qty	Flag
2016	Import	Turkey	Iran	<u>291736 (Organic chemicals // Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Aromatic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives : // -- Terephthalic acid and its salts)</u>	\$1,118,209	1,631,854	Weight in kilograms	1,631,854	0
2016	Import	Turkey	Italy	<u>291736 (Organic chemicals // Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Aromatic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives : // -- Terephthalic acid and its salts)</u>	\$13,694	21,695	Weight in kilograms	21,695	0
2016	Import	Turkey	Rep. of Korea	<u>291736 (Organic chemicals // Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Aromatic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives : // -- Terephthalic acid and its salts)</u>	\$170,531,098	236,789,000	Weight in kilograms	236,789,000	0
2016	Import	Turkey	Malaysia	<u>291736 (Organic chemicals // Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Aromatic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives : // -- Terephthalic acid and its salts)</u>	\$13,147,055	19,185,560	Weight in kilograms	19,185,560	0
2016	Import	Turkey	Poland	<u>291736 (Organic chemicals // Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Aromatic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives : // -- Terephthalic acid and its salts)</u>	\$4,933,699	7,153,600	Weight in kilograms	7,153,600	0
2016	Import	Turkey	Portugal	<u>291736 (Organic chemicals // Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Aromatic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives : // -- Terephthalic acid and its salts)</u>	\$6,410,035	8,444,950	Weight in kilograms	8,444,950	0
2016	Import	Turkey	Saudi Arabia	<u>291736 (Organic chemicals // Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Aromatic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives : // -- Terephthalic acid and its salts)</u>	\$26,100	52,160	Weight in kilograms	52,160	0
2016	Import	Turkey	India	<u>291736 (Organic chemicals // Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Aromatic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives : // -- Terephthalic acid and its salts)</u>	\$8,094,036	10,056,263	Weight in kilograms	10,056,263	0
2016	Import	Turkey	Spain	<u>291736 (Organic chemicals // Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Aromatic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives : // -- Terephthalic acid and its salts)</u>	\$32,360,058	47,561,300	Weight in kilograms	47,561,300	0
2016	Import	Turkey	Thailand	<u>291736 (Organic chemicals // Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Aromatic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives : // -- Terephthalic acid and its salts)</u>	\$10,616,969	13,510,820	Weight in kilograms	13,510,820	0
2016	Import	Turkey	Free Zones	<u>291736 (Organic chemicals // Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Aromatic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives : // -- Terephthalic acid and its salts)</u>	\$393,325	468,000	Weight in kilograms	468,000	0
2016	Import	Turkey	USA	<u>291736 (Organic chemicals // Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives. // - Aromatic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives : // -- Terephthalic acid and its salts)</u>	\$44,609	58,695	Weight in kilograms	58,695	0

First Previous 1 Next Last

Modify selection 

Download CSV 

Estimated quantity/netweight shown in italics.

Flag refers to quantity/netweight estimation:

0 = no estimation, 2 = quantity, 4 = netweight, 6 = both quantity and netweight

View API call | API documentation (/data/Doc/API)

Contact us

Trade Statistics Branch (<http://unstats.un.org/unsd/trade/>)

United Nations Statistics Division (<http://unstats.un.org/>)

Trade in commodities: comtrade@un.org (<mailto:comtrade@un.org>)

Trade in services: tradeserv@un.org (<mailto:tradeserv@un.org>)

Submitted by Compagnie Selenis Canada

collection.label	ref_area.label	source.label	indicator.label	sex.label	classif1.label	classif2.label	classif3.label	classif4.time	obs_value	note_indicator.label	notes_source.label	Column1	Column2
Yearly indicators	Canada	Labour force survey	Mean nominal month	Sex: Total	ISCO-88: Plant and machine operators and assemblers			2009	837.92	Time unit: Per week Job co	Data reference period: Annual or annual average		
Yearly indicators	Canada	Labour force survey	Mean nominal month	Sex: Total	ISCO-88: Plant and machine operators and assemblers			2010	864.28	Time unit: Per week Job co	Data reference period: Annual or annual average		
Yearly indicators	Canada	Labour force survey	Mean nominal month	Sex: Total	ISCO-88: Plant and machine operators and assemblers			2011	890.22	Time unit: Per week Job co	Data reference period: Annual or annual average		
Yearly indicators	Canada	Labour force survey	Mean nominal month	Sex: Total	ISCO-88: Plant and machine operators and assemblers			2012	907.33	Time unit: Per week Job co	Data reference period: Annual or annual average		
Yearly indicators	Canada	Labour force survey	Mean nominal month	Sex: Total	ISCO-88: Plant and machine operators and assemblers			2013	932.99	Time unit: Per week Job co	Data reference period: Annual or annual average		
Yearly indicators	Canada	Labour force survey	Mean nominal month	Sex: Total	ISCO-88: Plant and machine operators and assemblers			2014	951.84	Time unit: Per week Job co	Data reference period: Annual or annual average		
Yearly indicators	Indonesia	Labour force survey	Mean nominal month	Sex: Total	ISCO-88: Plant and machine operators and assemblers			2009	1253246	Accounting concept: Net Jc	Data reference period: August		
Yearly indicators	Indonesia	Labour force survey	Mean nominal month	Sex: Total	ISCO-88: Plant and machine operators and assemblers			2010	1327688	Accounting concept: Net Jc	Data reference period: August		
Yearly indicators	Indonesia	Labour force survey	Mean nominal month	Sex: Total	ISCO-88: Plant and machine operators and assemblers			2013	1894037	Accounting concept: Net C	Data reference period: August		
Yearly indicators	Indonesia	Labour force survey	Mean nominal month	Sex: Total	ISCO-88: Plant and machine operators and assemblers			2015	1899478	Accounting concept: Net Jc	Data reference period: August		

Notes:

Indonesia	2015	BOC Annual Fx 2015	CAD	No Indonesian data available for 2014/no canadian data for 2015. 2015 was therefore compared to 2014 Canadian data as best information available
Indonesia (monthly)	1899478	0.000095	180.45041	
Canada (week avg - 2014)	951.84		4121.4672	
Indonesia as % of Canada			4.4%	
Labour reduction ratio			95.6%	