

Service bulletin

Fertilizer Shipments Survey



2016

Highlights

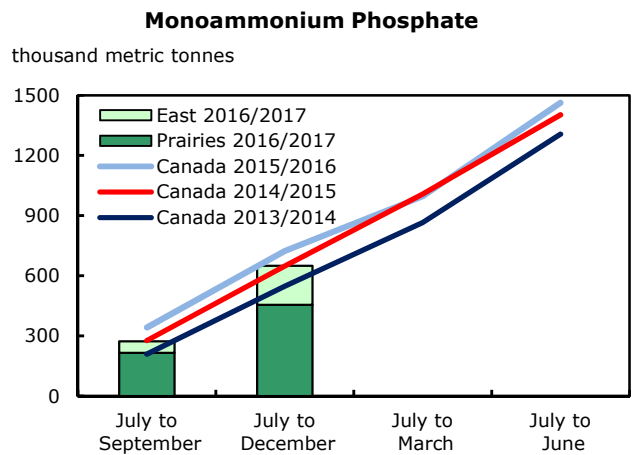
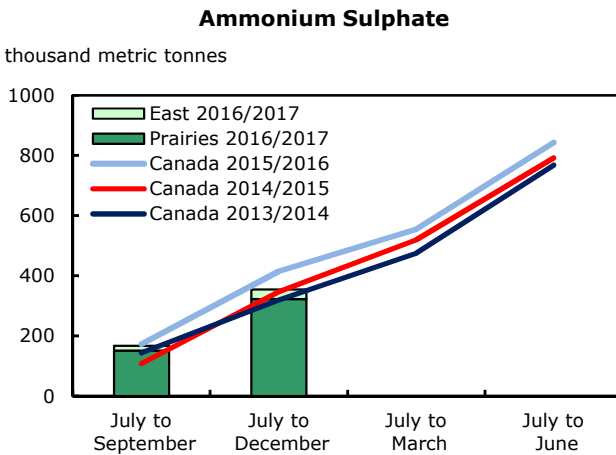
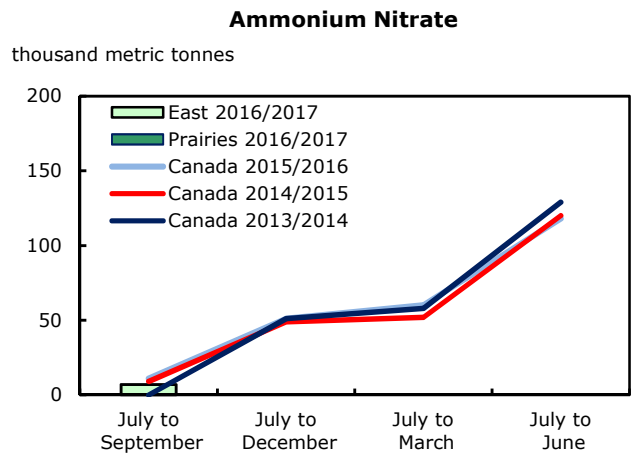
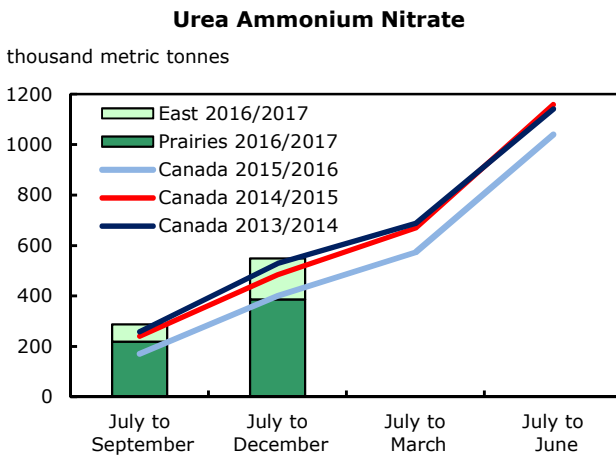
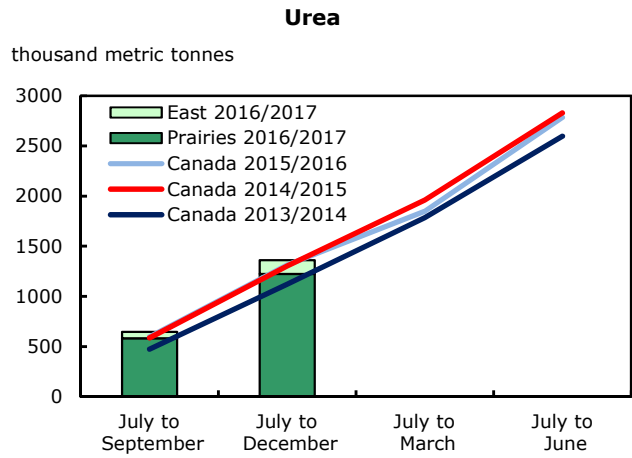
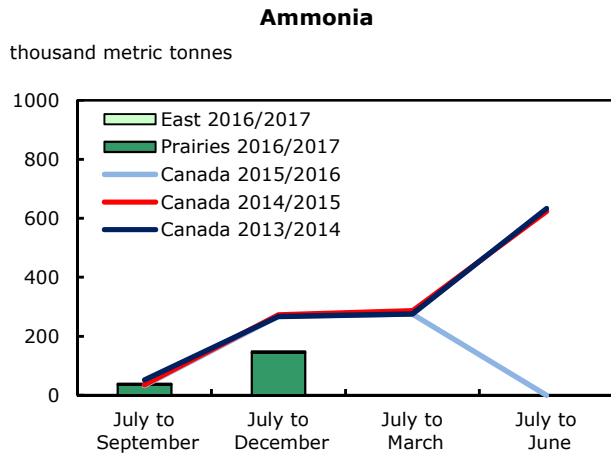
Table 1
Fertilizer Shipments, Canada (excluding British Columbia), July to December

	2014/2015	2015/2016	2016/2017	Change 2016/2017 over 2015/2016
	thousand metric tonnes			percent
Ammonia (NH ₃) 82-0-0-0	272	268	149	-44.4
Urea 46-0-0	1,304	1,314	1,360	3.5
Urea ammonium nitrate (UAN) 28-0-0-0	484	401	549	36.9
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0	49	51	x	x
Ammonium sulphate (AS) 20-0-0-24	347	415	355	-14.5
Monoammonium phosphate (MAP) 11-52-0	649	723	650	-10.1
Diammonium phosphate (DAP) 18-46-0	50	66	24	-63.6
Potash 0-0-60-0	237	254	282	11.0
Other fertilizer products	285	353	375	6.2

Table 2
Fertilizer Production, Canada, July to December

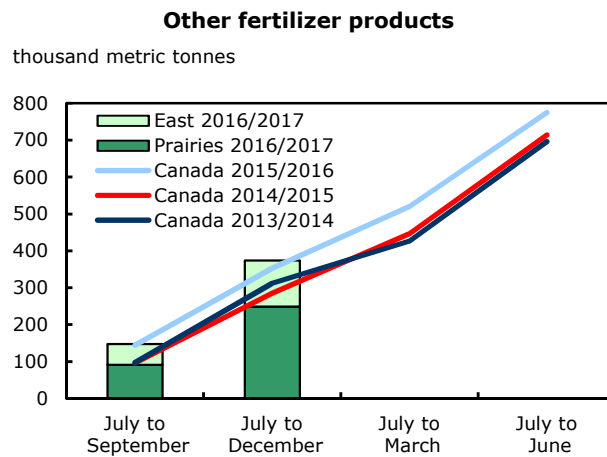
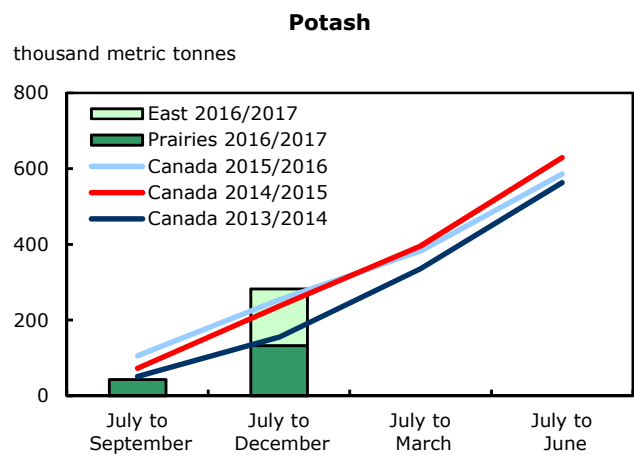
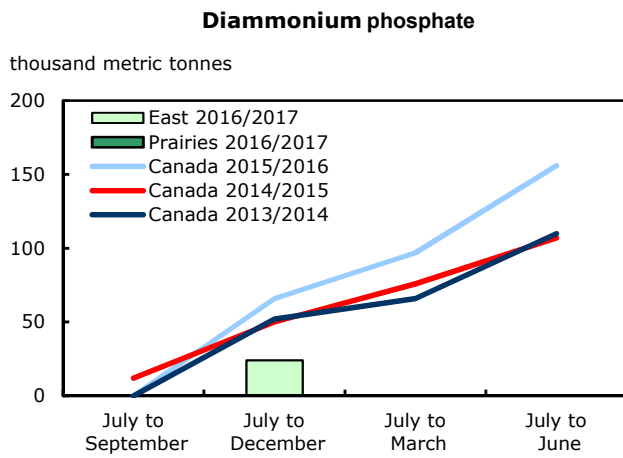
	2014/2015	2015/2016	2016/2017	Change 2016/2017 over 2015/2016
	thousand metric tonnes			percent
Ammonia (NH ₃) 82-0-0-0	2,259	2,329	2,438	4.7
Urea 46-0-0	1,812	1,738	2,054	18.2
Urea ammonium nitrate (UAN) 28-0-0-0	534	529	729	37.8
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0	x	155	x	x
Ammonium sulphate (AS) 20-0-0-24	450	494	502	1.6
Monoammonium phosphate (MAP) 11-52-0	x	x	x	x
Diammonium phosphate (DAP) 18-46-0	0	0	0	...
Potash 0-0-60-0	x	8,581	8,297	-3.3
Other fertilizer products	x	90	74	-17.8

Chart 1
Fertilizer shipments to Canadian agriculture markets, by product type and fertilizer year, cumulative data



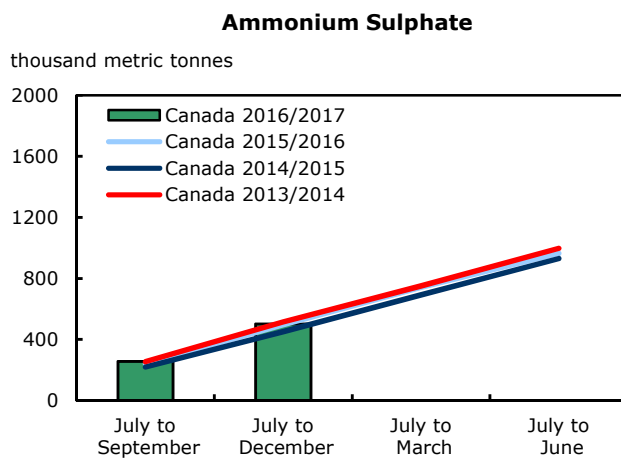
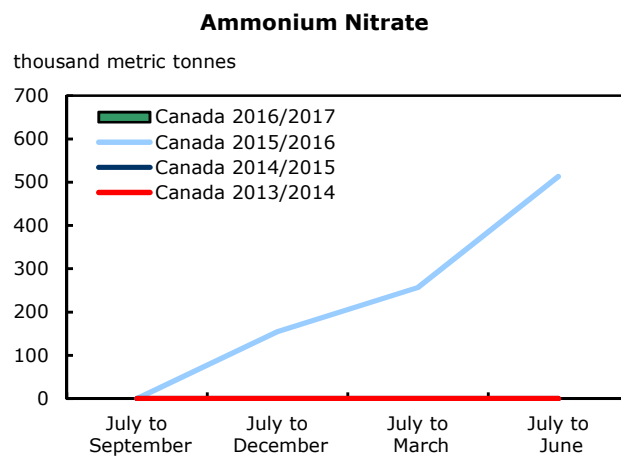
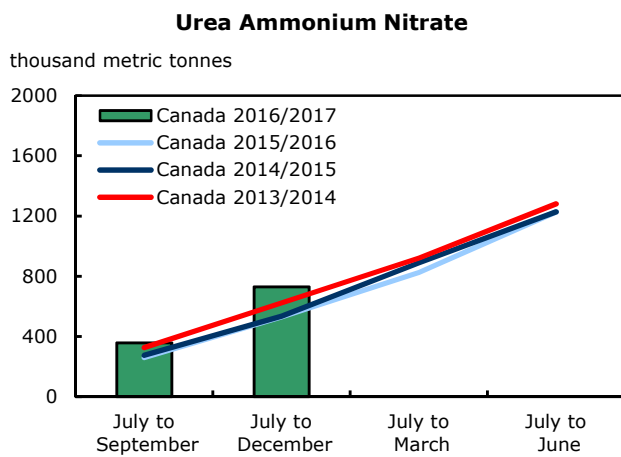
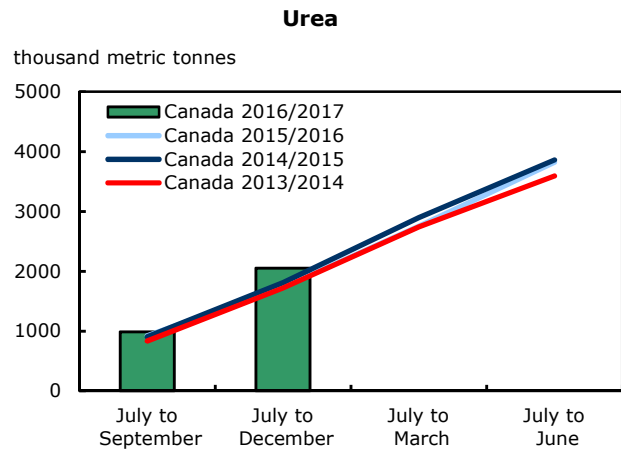
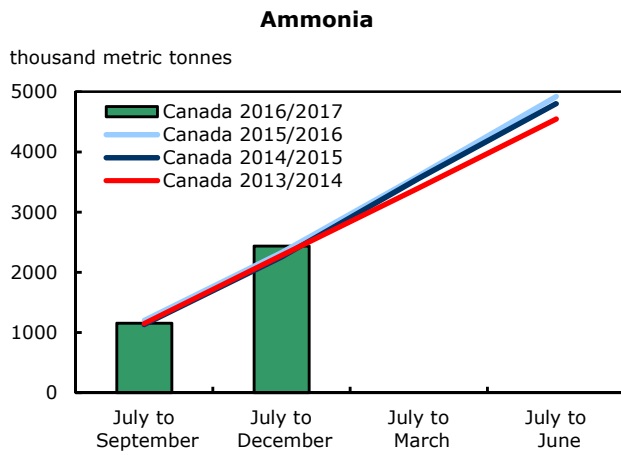
Note(s): Some data items may be suppressed to meet the confidentiality requirements of the *Statistics Act*.

Chart 2
Fertilizer shipments to Canadian agriculture markets, by product type and fertilizer year, cumulative data



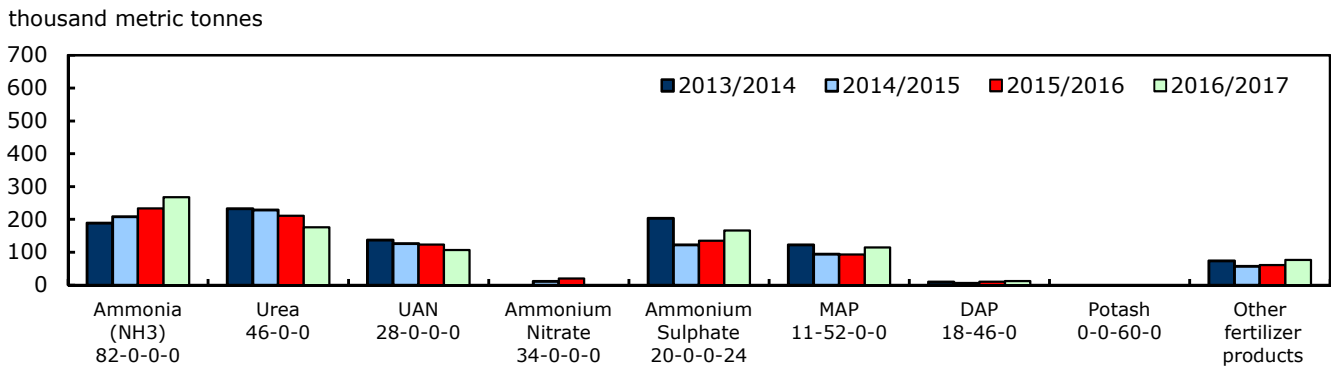
Note(s): Some data items may be suppressed to meet the confidentiality requirements of the *Statistics Act*.

Chart 3
Canadian fertilizer production, by product type and fertilizer year, cumulative data



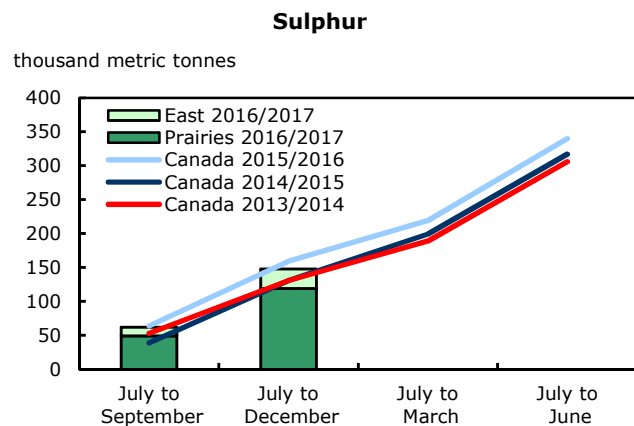
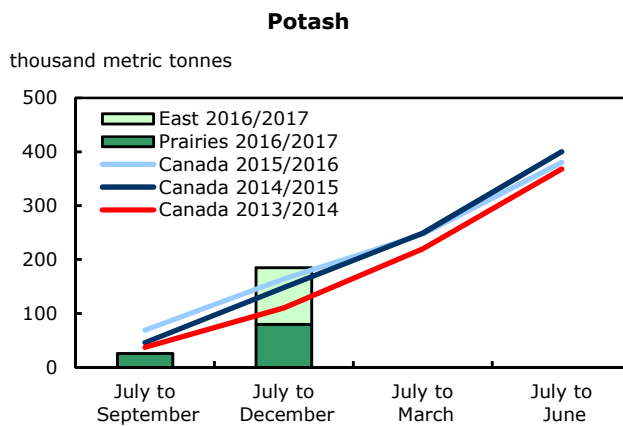
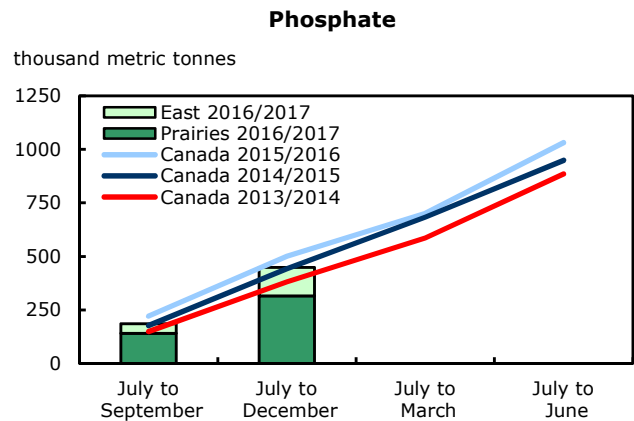
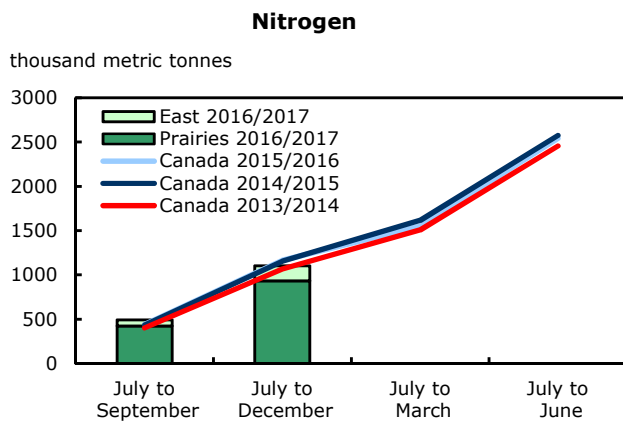
Note(s): Some data items may be suppressed to meet the confidentiality requirements of the *Statistics Act*.

Chart 4
Fertilizer market inventories at month end, December, Canada



Note(s): Some data items may be suppressed to meet the confidentiality requirements of the *Statistics Act*.

Chart 5
Fertilizer shipments to Canadian agriculture markets, by nutrient content, cumulative data



Note(s): Some data items may be suppressed to meet the confidentiality requirements of the *Statistics Act*.

Table 3
Fertilizer shipments to Canadian agriculture and export markets, by product type and fertilizer year, cumulative data, 2016/2017

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskatchewan	Alberta ¹	Prairie provinces	British Columbia	Canada ²	United States	Other countries ³
thousand metric tonnes												
Ammonia (NH₃) 82-0-0-0⁴												
July to September	0	1	1	3	x	18	x	36	0	39	314	0
July to December	0	3	3	5	66	59	20	144	0	149	634	0
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Urea 46-0-0⁵												
July to September	2	17	45	64	67	252	261	580	6	644	128	0
July to December	3	29	105	137	161	602	460	1,223	19	1,360	384	0
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Urea ammonium nitrate (UAN) 28-0-0-0⁶												
July to September	0 ^s	6	63	69	x	122	x	219	x	289	x	0
July to December	0 ^s	34	128	162	x	236	x	387	x	549	x	0
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0												
July to September	x	x	1	7	0	0	0	0	0	7	x	0
July to December	x	x	4	x	0	0	0	0	0	x	x	0
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Ammonium sulphate (AS) 20-0-0-24⁷												
July to September	x	x	12	16	29	73	49	151	x	167	49	0
July to December	4	9	18	32	x	158	x	323	x	355	x	0
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Monoammonium phosphate (MAP) 11-52-0												
July to September	x	x	48	57	x	82	x	216	x	273	0	0
July to December	10	x	x	195	121	179	155	455	3	650	x	0
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Diammonium phosphate (DAP) 18-46-0												
July to September	6	x	0 ^s	x	0	0	0	0	0	x	0	0
July to December	x	x	0 ^s	24	0	0	0	0	0	24	0	0
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Potash 0-0-60-0												
July to September	x	14	x	x	16	x	x	43	x	124	1,472	x
July to December	x	26	x	149	41	44	48	133	x	282	2,694	5,773
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Other fertilizer products⁸												
July to September	x	16	x	56	24	x	x	91	x	147	x	x
July to December	28	x	x	125	x	x	60	249	1	375	x	x
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..	..	..

1. For the purpose of this survey, Alberta includes Peace River, British Columbia.

2. The Canada shipments amount excludes British Columbia.

3. Offshore shipments include shipments exported to countries other than the United States.

4. Tonnes for aqua ammonia (NH₃) 24-0-0 are divided by 3.4; tonnes for aqua ammonia (NH₃) 27-0-0 are multiplied by 0.329.

5. Tonnes for ESN 44-0-0 are multiplied by 0.9565.

6. Tonnes for nitrogen solutions/urea ammonium nitrate (UAN) 32-0-0 are multiplied by 1.142.

7. Tonnes for ammonium thiosulphate (ATS) 15-0-0-20 are multiplied by 0.83. Elemental sulphur (0-0-0-90 and 0-0-0-85) is excluded from this category (included with other fertilizer products).

8. Other fertilizer products includes ammonium polyphosphate, phosphate and sulphur solutions, mixed fertilizer materials, elemental sulphur fertilizers and all other fertilizer products not included in the other product categories.

Note(s): Historical annual shipments data are available in terminated CANSIM table 001-0064. Fertilizer shipments include Canadian producers, wholesale distributors and retail distributors. Data are compiled on a fertilizer year basis starting July 1 and ending June 30 the following year. Metric tonnes for some fertilizer products have been converted to the standard categories published. Nutrient analysis is associated with each fertilizer product type as an industry standard, recognized as N-P-K-S. N represents nitrogen, P represents phosphate, K represents potassium and S represents sulphur. The values are expressed in percentages. Where the analysis contains only three numbers, sulphur is equal to zero. Estimates for the most recent year are preliminary. Preliminary data are subject to revision. Due to rounding, components may not add to total (where applicable).

Table 4
Fertilizer shipments to Canadian agriculture and export markets, by product type and fertilizer year, cumulative data, 2015/2016

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskatchewan	Alberta ¹	Prairie provinces	British Columbia	Canada ²	United States	Other countries ³
thousand metric tonnes												
Ammonia (NH₃) 82-0-0-0⁴												
July to September	0	3	2	6	x	10	x	27	0	33	320	0
July to December	0	6	5	10	103	91	64	258	0	268	612	0
July to March	0	7	6	14	104	93	65	261	0	275	897	0
July to June	x	8	21	x	181	260	125	567	0	x	1,330	0
Urea 46-0-0⁵												
July to September	2	8	7	17	x	x	261	577	7	594	225	0
July to December	4	45	110	159	154	495	506	1,156	16	1,314	391	0
July to March	6	62	117	185	205	758	702	1,665	24	1,850	647	0
July to June	13	137	196	345	331	1,137	971	2,439	34	2,785	1,044	0
Urea ammonium nitrate (UAN) 28-0-0-0⁶												
July to September	0 ^s	x	x	24	x	74	x	147	x	171	x	0
July to December	0 ^s	x	x	112	x	171	x	289	x	401	x	0
July to March	0 ^s	x	x	141	x	279	x	433	x	573	x	0
July to June	0 ^s	x	x	344	x	460	x	696	x	1,040	x	0
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0												
July to September	x	x	2	11	0	0	0	0	0	11	x	0
July to December	x	x	6	51	0	0	0	0	0	51	x	0
July to March	x	x	x	60	0	0	0	0	0	60	x	0
July to June	x	x	7	118	0	0	0	0	0	118	x	0
Ammonium sulphate (AS) 20-0-0-24⁷												
July to September	x	x	10	15	x	79	x	158	x	173	x	0
July to December	9	3	18	30	x	191	x	385	x	415	x	0
July to March	12	7	22	41	x	264	x	514	x	555	x	0
July to June	18	26	31	75	x	392	x	768	x	843	x	0
Monoammonium phosphate (MAP) 11-52-0												
July to September	x	x	56	73	67	83	119	269	x	342	0	0
July to December	11	27	147	186	116	208	214	537	x	723	0	0
July to March	12	28	162	202	182	328	284	794	x	996	x	0
July to June	x	34	x	283	287	488	405	1,180	x	1,463	x	0
Diammonium phosphate (DAP) 18-46-0												
July to September	9	x	0 ^s	x	0	0	0	0	0	x	0	0
July to December	x	x	0 ^s	66	0	0	0	0	0	66	0	0
July to March	x	x	x	97	0	0	0	0	0	97	0	0
July to June	x	x	4	156	0	0	0	0	0	156	0	0
Potash 0-0-60-0												
July to September	x	18	x	63	17	11	15	43	1	106	1,250	x
July to December	x	40	x	136	38	38	42	118	2	254	2,745	x
July to March	x	x	123	197	52	65	68	184	x	382	4,410	x
July to June	x	78	x	283	89	103	111	303	x	586	6,069	x
Other fertilizer products⁸												
July to September	8	6	31	46	23	53	22	98	x	144	x	0
July to December	x	25	x	105	50	136	62	249	x	353	x	0
July to March	30	31	89	150	68	222	81	371	3	520	x	0
July to June	x	x	112	220	106	341	108	555	5	775	131	x

1. For the purpose of this survey, Alberta includes Peace River, British Columbia.

2. The Canada shipments amount excludes British Columbia.

3. Offshore shipments include shipments exported to countries other than the United States.

4. Tonnes for aqua ammonia (NH₃) 24-0-0 are divided by 3.4; tonnes for aqua ammonia (NH₃) 27-0-0 are multiplied by 0.329.

5. Tonnes for ESN 44-0-0 are multiplied by 0.9565.

6. Tonnes for nitrogen solutions/urea ammonium nitrate (UAN) 32-0-0 are multiplied by 1.142.

7. Tonnes for ammonium thiosulphate (ATS) 15-0-0-20 are multiplied by 0.83. Elemental sulphur (0-0-0-90 and 0-0-0-85) is excluded from this category (included with other fertilizer products).

8. Other fertilizer products includes ammonium polyphosphate, phosphate and sulphur solutions, mixed fertilizer materials, elemental sulphur fertilizers and all other fertilizer products not included in the other product categories.

Note(s): Historical annual shipments data are available in terminated CANSIM table 001-0064. Fertilizer shipments include Canadian producers, wholesale distributors and retail distributors. Data are compiled on a fertilizer year basis starting July 1 and ending June 30 the following year. Metric tonnes for some fertilizer products have been converted to the standard categories published. Nutrient analysis is associated with each fertilizer product type as an industry standard, recognized as N-P-K-S. N represents nitrogen, P represents phosphate, K represents potassium and S represents sulphur. The values are expressed in percentages. Where the analysis contains only three numbers, sulphur is equal to zero. Estimates for the most recent year are preliminary. Preliminary data are subject to revision. Due to rounding, components may not add to total (where applicable).

Table 5
Canadian fertilizer, by product type: cumulative production by fertilizer year; and inventories at month end, 2016/2017

	Production ¹	Inventories ²		
	Canada	East	West	Canada
thousand metric tonnes				
Ammonia (NH₃) 82-0-0-0 ³				
July to September	1,155	40	236	276
July to December	2,438	39	229	268
July to March	..	..	..	..
July to June	..	..	..	..
Urea 46-0-0 ⁴				
July to September	990	23	161	184
July to December	2,054	66	110	176
July to March	..	..	..	..
July to June	..	..	..	..
Urea ammonium nitrate (UAN) 28-0-0-0 ⁵				
July to September	357	13	51	63
July to December	729	35	72	107
July to March	..	..	..	..
July to June	..	..	..	..
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0				
July to September	x	4	x	x
July to December	x	7	x	x
July to March	..	..	..	..
July to June	..	..	..	..
Ammonium sulphate (AS) 20-0-0-24 ⁶				
July to September	256	4	128	132
July to December	502	12	154	166
July to March	..	..	..	..
July to June	..	..	..	..
Monoammonium phosphate (MAP) 11-52-0				
July to September	x	22	97	119
July to December	x	43	73	115
July to March	..	..	..	..
July to June	..	..	..	..
Diammonium phosphate (DAP) 18-46-0				
July to September	0	1	0	1
July to December	0	12	0	12
July to March	..	..	..	..
July to June	..	..	..	..
Potash 0-0-60-0				
July to September	3,450	67	x	x
July to December	8,297	51	x	x
July to March	..	..	..	..
July to June	..	..	..	..
Other fertilizer products ⁷				
July to September	40	34	37	70
July to December	74	33	44	77
July to March	..	..	..	..
July to June	..	..	..	..

1. Historical annual production data are available in terminated CANSIM table 001-0063. Fertilizer production includes Canadian producers. Data are compiled on a fertilizer year basis starting July 1 and ending June 30 the following year. Metric tonnes for some fertilizer products have been converted to the standard categories published.

2. Historical annual inventories data are available in terminated CANSIM table 001-0062. Fertilizer inventories include Canadian producers and wholesale distributors. Data represents market inventories at month end. Metric tonnes for some fertilizer products have been converted to the standard categories published.

3. Tonnes for aqua ammonia (NH₃) 24-0-0 are divided by 3.4; tonnes for aqua ammonia (NH₃) 27-0-0 are multiplied by 0.329.

4. Tonnes for ESN 44-0-0 are multiplied by 0.9565.

5. Tonnes for nitrogen solutions/urea ammonium nitrate (UAN) 32-0-0 are multiplied by 1.142.

6. Tonnes for ammonium thiosulphate (ATS) 15-0-0-20 are multiplied by 0.83. Elemental sulphur (0-0-0-90 and 0-0-0-85) is excluded from this category (included with other fertilizer products).

7. Other fertilizer products includes ammonium polyphosphate, phosphate and sulphur solutions, mixed fertilizer materials, elemental sulphur fertilizers and all other fertilizer products not included in the other product categories.

Note(s): Nutrient analysis is associated with each fertilizer product type as an industry standard, recognized as N-P-K-S. N represents nitrogen, P represents phosphate, K represents potassium and S represents sulphur. The values are expressed in percentages. Where the analysis contains only three numbers, sulphur is equal to zero. Estimates for the most recent year are preliminary. Preliminary data are subject to revision. Due to rounding, components may not add to total (where applicable).

Table 6
Canadian fertilizer by product type: cumulative production by fertilizer year; and inventories at month end, 2015/2016

	Production ¹		Inventories ²	
	Canada	East	West	Canada
	thousand metric tonnes			
Ammonia (NH₃) 82-0-0-0 ³				
July to September	1,202	19	278	297
July to December	2,329	25	210	234
July to March	3,609	29	347	375
July to June	4,919	21	150	171
Urea 46-0-0 ⁴				
July to September	923	6	178	184
July to December	1,738	71	139	211
July to March	2,753	39	236	276
July to June	3,823	19	61	80
Urea ammonium nitrate (UAN) 28-0-0-0 ⁵				
July to September	260	34	46	80
July to December	529	57	66	123
July to March	826	53	88	142
July to June	1,228	15	46	61
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0				
July to September	x	0 ^s	x	x
July to December	155	x	x	20
July to March	257	2	x	x
July to June	513	x	x	5
Ammonium sulphate (AS) 20-0-0-24 ⁶				
July to September	240	9	125	134
July to December	494	13	123	135
July to March	743	6	174	180
July to June	964	2	95	97
Monoammonium phosphate (MAP) 11-52-0				
July to September	x	18	55	73
July to December	x	36	57	93
July to March	x	31	118	149
July to June	x	6	79	85
Diammonium phosphate (DAP) 18-46-0				
July to September	0	1	0	1
July to December	0	10	0	10
July to March	0	6	0	6
July to June	0	8	0	8
Potash 0-0-60-0				
July to September	x	59	x	x
July to December	8,581	x	x	x
July to March	13,181	x	x	x
July to June	17,712	x	x	x
Other fertilizer products ⁷				
July to September	42	x	x	34
July to December	90	34	27	61
July to March	x	12	26	38
July to June	281	19	31	50

1. Historical annual production data are available in terminated CANSIM table 001-0063. Fertilizer production includes Canadian producers. Data are compiled on a fertilizer year basis starting July 1 and ending June 30 the following year. Metric tonnes for some fertilizer products have been converted to the standard categories published.
2. Historical annual inventories data are available in terminated CANSIM table 001-0062. Fertilizer inventories include Canadian producers and wholesale distributors. Data represents market inventories at month end. Metric tonnes for some fertilizer products have been converted to the standard categories published.
3. Tonnes for aqua ammonia (NH₃) 24-0-0 are divided by 3.4; tonnes for aqua ammonia (NH₃) 27-0-0 are multiplied by 0.329.
4. Tonnes for ESN 44-0-0 are multiplied by 0.9565.
5. Tonnes for nitrogen solutions/urea ammonium nitrate (UAN) 32-0-0 are multiplied by 1.142.
6. Tonnes for ammonium thiosulphate (ATS) 15-0-0-20 are multiplied by 0.83. Elemental sulphur (0-0-0-90 and 0-0-0-85) is excluded from this category (included with other fertilizer products).
7. Other fertilizer products includes ammonium polyphosphate, phosphate and sulphur solutions, mixed fertilizer materials, elemental sulphur fertilizers and all other fertilizer products not included in the other product categories.

Note(s): Nutrient analysis is associated with each fertilizer product type as an industry standard, recognized as N-P-K-S. N represents nitrogen, P represents phosphate, K represents potassium and S represents sulphur. The values are expressed in percentages. Where the analysis contains only three numbers, sulphur is equal to zero. Estimates for the most recent year are preliminary. Preliminary data are subject to revision. Due to rounding, components may not add to total (where applicable).

Table 7
Fertilizer shipments to Canadian agriculture markets, by nutrient content and fertilizer year, cumulative data, 2016/2017

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskatchewan	Alberta ¹	Prairie provinces	British Columbia	Canada ²
	thousand metric tonnes									
Nitrogen										
July to September	4	16	49	68	79	195	149	423	3	492
July to December	11	44	112	168	191	460	283	934	10	1,102
July to March	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..
Phosphate³										
July to September	x	x	28	44	34	57	50	141	x	185
July to December	18	x	x	133	80	137	98	315	2	448
July to March	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..
Potash										
July to September	x	9	x	x	10	x	x	26	x	81
July to December	x	17	x	105	25	26	29	80	x	185
July to March	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..
Sulphur⁴										
July to September	x	x	7	13	10	24	15	49	x	62
July to December	6	7	15	29	x	60	x	119	x	147
July to March	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..

1. For the purpose of this survey, Alberta includes Peace River, British Columbia.

2. The Canada shipments amount excludes British Columbia.

3. The phosphate tonnage includes amounts from all fertilizer products containing phosphates.

4. The sulphur tonnage includes amounts from all fertilizer products containing sulphur.

Note(s): Historical annual nutrient content shipments data are available in terminated CANSIM table 001-0065. Fertilizer shipments include Canadian producers, wholesale distributors and retail distributors. Nutrient content is derived by summing the percentage of each nutrient from the shipments of all fertilizer products. Data are compiled on a fertilizer year basis starting July 1 and ending June 30 the following year. Estimates for the most recent year are preliminary. Preliminary data are subject to revision. Due to rounding, components may not add to total (where applicable).

Table 8
Fertilizer shipments to Canadian agriculture markets, by nutrient content and fertilizer year, cumulative data, 2015/2016

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskatchewan	Alberta ¹	Prairie provinces	British Columbia	Canada ²
	thousand metric tonnes									
Nitrogen										
July to September	6	13	20	39	84	161	156	401	4	440
July to December	14	59	103	176	211	428	351	990	9	1,166
July to March	22	72	120	214	254	619	464	1,337	14	1,551
July to June	41	156	214	411	419	1,038	675	2,132	20	2,543
Phosphate³										
July to September	x	x	x	51	41	60	69	170	x	221
July to December	22	x	x	146	75	151	130	356	x	501
July to March	36	x	x	174	115	241	171	527	x	701
July to June	x	x	138	254	180	359	240	778	x	1,032
Potash										
July to September	x	11	x	43	10	7	9	26	1	69
July to December	x	25	x	93	23	23	26	71	1	164
July to March	x	x	86	136	31	39	41	111	x	247
July to June	x	51	x	197	54	62	67	183	x	380
Sulphur⁴										
July to September	x	x	8	11	x	26	x	53	x	64
July to December	6	4	15	25	x	67	x	134	x	159
July to March	8	6	21	35	x	97	x	183	x	219
July to June	12	13	28	53	x	156	x	288	x	340

1. For the purpose of this survey, Alberta includes Peace River, British Columbia.

2. The Canada shipments amount excludes British Columbia.

3. The phosphate tonnage includes amounts from all fertilizer products containing phosphates.

4. The sulphur tonnage includes amounts from all fertilizer products containing sulphur.

Note(s): Historical annual nutrient content shipments data are available in terminated CANSIM table 001-0065. Fertilizer shipments include Canadian producers, wholesale distributors and retail distributors. Nutrient content is derived by summing the percentage of each nutrient from the shipments of all fertilizer products. Data are compiled on a fertilizer year basis starting July 1 and ending June 30 the following year. Estimates for the most recent year are preliminary. Preliminary data are subject to revision. Due to rounding, components may not add to total (where applicable).

Table 9
Fertilizer shipments to Canadian agriculture and export markets, by product type, cumulative data, year-to-year change: 2015/2016 and 2016/2017

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskatchewan	Alberta ¹	Prairie provinces	British Columbia	Canada ²	United States	Other countries ³
	percent											
Ammonia (NH3) 82-0-0-0⁴												
July to September	...	-66.7	-50.0	-50.0	x	80.0	x	33.3	...	18.2	-1.9	...
July to December	...	-50.0	-40.0	-50.0	-35.9	-35.2	-68.8	-44.2	...	-44.4	3.6	...
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	x	..	..	x	..	..	..	..	..	x	..	..
Urea 46-0-0⁵												
July to September	0.0	112.5	542.9	276.5	x	x	0.0	0.5	-14.3	8.4	-43.1	...
July to December	-25.0	-35.6	-4.5	-13.8	4.5	21.6	-9.1	5.8	18.8	3.5	-1.8	...
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Urea ammonium nitrate (UAN) 28-0-0-0⁶												
July to September	...	x	x	187.5	x	64.9	x	49.0	x	69.0	x	...
July to December	...	x	x	44.6	x	38.0	x	33.9	x	36.9	x	...
July to March	..	x	x	..	x	..	x	..	x	..	x	..
July to June	..	x	x	..	x	..	x	..	x	..	x	..
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0												
July to September	x	x	-50.0	-36.4	...	...	...	...	...	-36.4	x	...
July to December	x	x	-33.3	x	...	...	...	...	...	x	x	...
July to March	x	x	x	..	..	..	..	..	..	..	x	..
July to June	x	x	..	..	..	..	..	..	..	..	x	..
Ammonium sulphate (AS) 20-0-0-24⁷												
July to September	x	x	20.0	6.7	x	-7.6	x	-4.4	x	-3.5	x	...
July to December	-55.6	200.0	0.0	6.7	x	-17.3	x	-16.1	x	-14.5	x	...
July to March	..	..	..	..	x	..	x	..	x	..	x	..
July to June	..	..	..	..	x	..	x	..	x	..	x	..
Monoammonium phosphate (MAP) 11-52-0												
July to September	x	x	-14.3	-21.9	x	-1.2	x	-19.7	x	-20.2	...	...
July to December	-9.1	x	x	4.8	4.3	-13.9	-27.6	-15.3	x	-10.1	x	...
July to March	..	..	..	..	..	..	..	..	x	..	x	..
July to June	x	..	x	..	..	..	..	..	x	..	x	..
Diammonium phosphate (DAP) 18-46-0												
July to September	-33.3	x	...	x	...	...	...	...	...	x	...	...
July to December	x	x	...	-63.6	...	...	...	...	...	-63.6	...	...
July to March	x	x	x	..	..	..	..	..	..	..	..	..
July to June	x	x	..	..	..	..	..	..	..	..	..	..
Potash 0-0-60-0												
July to September	x	-22.2	x	x	-5.9	x	x	0.0	x	17.0	17.8	x
July to December	x	-35.0	x	9.6	7.9	15.8	14.3	12.7	x	11.0	-1.9	x
July to March	x	x	..	..	..	..	..	..	x	..	..	x
July to June	x	..	x	..	..	..	..	..	x	..	..	x
Other fertilizer products⁸												
July to September	x	166.7	x	21.7	4.3	x	x	-7.1	x	2.1	x	x
July to December	x	x	x	19.0	x	x	-3.2	0.0	x	6.2	x	x
July to March	..	..	..	..	..	..	..	..	..	..	x	..
July to June	x	x	..	..	..	..	..	..	..	..	..	x

1. For the purpose of this survey, Alberta includes Peace River, British Columbia.

2. The Canada shipments amount excludes British Columbia.

3. Offshore shipments include shipments exported to countries other than the United States.

4. Tonnes for aqua ammonia (NH3) 24-0-0 are divided by 3.4; tonnes for aqua ammonia (NH3) 27-0-0 are multiplied by 0.329.

5. Tonnes for ESN 44-0-0 are multiplied by 0.9565.

6. Tonnes for nitrogen solutions/urea ammonium nitrate (UAN) 32-0-0 are multiplied by 1.142.

7. Tonnes for ammonium thiosulphate (ATS) 15-0-0-20 are multiplied by 0.83. Elemental sulphur (0-0-0-90 and 0-0-0-85) is excluded from this category (included with other fertilizer products).

8. Other fertilizer products includes ammonium polyphosphate, phosphate and sulphur solutions, mixed fertilizer materials, elemental sulphur fertilizers and all other fertilizer products not included in the other product categories.

Note(s): Historical annual shipments data are available in terminated CANSIM table 001-0064. Fertilizer shipments include Canadian producers, wholesale distributors and retail distributors. Data are compiled on a fertilizer year basis starting July 1 and ending June 30 the following year. Metric tonnes for some fertilizer products have been converted to the standard categories published. Nutrient analysis is associated with each fertilizer product type as an industry standard, recognized as N-P-K-S. N represents nitrogen, P represents phosphate, K represents potassium and S represents sulphur. The values are expressed in percentages. Where the analysis contains only three numbers, sulphur is equal to zero. Estimates for the most recent year are preliminary. Preliminary data are subject to revision. Due to rounding, components may not add to total (where applicable).

Table 10
Canadian fertilizer, by product type: cumulative production by fertilizer year; and inventories at month end, year-to-year change: 2015/2016 and 2016/2017

	Production ¹		Inventories ²	
	Canada	East	West	Canada
	percent			
Ammonia (NH₃) 82-0-0-0 ³				
July to September	-3.9	110.5	-15.1	-7.1
July to December	4.7	56.0	9.0	14.5
July to March	..	..	..	..
July to June	..	..	..	..
Urea 46-0-0 ⁴				
July to September	7.3	283.3	-9.6	0.0
July to December	18.2	-7.0	-20.9	-16.6
July to March	..	..	..	..
July to June	..	..	..	..
Urea ammonium nitrate (UAN) 28-0-0-0 ⁵				
July to September	37.3	-61.8	10.9	-21.2
July to December	37.8	-38.6	9.1	-13.0
July to March	..	..	..	..
July to June	..	..	..	..
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0				
July to September	x	..	x	x
July to December	x	x	x	x
July to March	..	..	x	x
July to June	..	x	x	..
Ammonium sulphate (AS) 20-0-0-24 ⁶				
July to September	6.7	-55.6	2.4	-1.5
July to December	1.6	-7.7	25.2	23.0
July to March	..	..	..	..
July to June	..	..	..	..
Monoammonium phosphate (MAP) 11-52-0				
July to September	x	22.2	76.4	63.0
July to December	x	19.4	28.1	23.7
July to March	x	..	..	..
July to June	x	..	..	..
Diammonium phosphate (DAP) 18-46-0				
July to September	..	0.0	..	0.0
July to December	..	20.0	..	20.0
July to March	..	..	..	..
July to June	..	..	..	..
Potash 0-0-60-0				
July to September	x	13.6	x	x
July to December	-3.3	x	x	x
July to March	..	x	x	x
July to June	..	x	x	x
Other fertilizer products ⁷				
July to September	-4.8	x	x	105.9
July to December	-17.8	-2.9	63.0	26.2
July to March	x	..	..	..
July to June	..	..	..	..

1. Historical annual production data are available in terminated CANSIM table 001-0063. Fertilizer production includes Canadian producers. Data are compiled on a fertilizer year basis starting July 1 and ending June 30 the following year. Metric tonnes for some fertilizer products have been converted to the standard categories published.
2. Historical annual inventories data are available in terminated CANSIM table 001-0062. Fertilizer inventories include Canadian producers and wholesale distributors. Data represents market inventories at month end. Metric tonnes for some fertilizer products have been converted to the standard categories published.
3. Tonnes for aqua ammonia (NH₃) 24-0-0 are divided by 3.4; tonnes for aqua ammonia (NH₃) 27-0-0 are multiplied by 0.329.
4. Tonnes for ESN 44-0-0 are multiplied by 0.9565.
5. Tonnes for nitrogen solutions/urea ammonium nitrate (UAN) 32-0-0 are multiplied by 1.142.
6. Tonnes for ammonium thiosulphate (ATS) 15-0-0-20 are multiplied by 0.83. Elemental sulphur (0-0-0-90 and 0-0-0-85) is excluded from this category (included with other fertilizer products).
7. Other fertilizer products includes ammonium polyphosphate, phosphate and sulphur solutions, mixed fertilizer materials, elemental sulphur fertilizers and all other fertilizer products not included in the other product categories.

Note(s): Nutrient analysis is associated with each fertilizer product type as an industry standard, recognized as N-P-K-S. N represents nitrogen, P represents phosphate, K represents potassium and S represents sulphur. The values are expressed in percentages. Where the analysis contains only three numbers, sulphur is equal to zero. Estimates for the most recent year are preliminary. Preliminary data are subject to revision. Due to rounding, components may not add to total (where applicable).

Table 11
Fertilizer shipments to Canadian agriculture markets, by nutrient content and fertilizer year, cumulative data, year-to-year change: 2015/2016 and 2016/2017

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskatchewan	Alberta ¹	Prairie provinces	British Columbia	Canada ²
	percent									
Nitrogen										
July to September	-33.3	23.1	145.0	74.4	-6.0	21.1	-4.5	5.5	-25.0	11.8
July to December	-21.4	-25.4	8.7	-4.5	-9.5	7.5	-19.4	-5.7	11.1	-5.5
July to March	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..
Phosphate³										
July to September	x	x	x	-13.7	-17.1	-5.0	-27.5	-17.1	x	-16.3
July to December	-18.2	x	x	-8.9	6.7	-9.3	-24.6	-11.5	x	-10.6
July to March	..	x	x	..	..	..	..	..	x	..
July to June	x	x	..	..	..	..	..	..	x	..
Potash										
July to September	x	-18.2	x	x	0.0	x	x	0.0	x	17.4
July to December	x	-32.0	x	12.9	8.7	13.0	11.5	12.7	x	12.8
July to March	x	x	..	..	..	..	..	..	x	..
July to June	x	..	x	..	..	..	..	..	x	..
Sulphur⁴										
July to September	x	x	-12.5	18.2	x	-7.7	x	-7.5	x	-3.1
July to December	0.0	75.0	0.0	16.0	x	-10.4	x	-11.2	x	-7.5
July to March	..	..	..	..	x	..	x	..	x	..
July to June	..	..	..	..	x	..	x	..	x	..

1. For the purpose of this survey, Alberta includes Peace River, British Columbia.

2. The Canada shipments amount excludes British Columbia.

3. The phosphate tonnage includes amounts from all fertilizer products containing phosphates.

4. The sulphur tonnage includes amounts from all fertilizer products containing sulphur.

Note(s): Historical annual nutrient content shipments data are available in terminated CANSIM table 001-0065. Fertilizer shipments include Canadian producers, wholesale distributors and retail distributors. Nutrient content is derived by summing the percentage of each nutrient from the shipments of all fertilizer products. Data are compiled on a fertilizer year basis starting July 1 and ending June 30 the following year. Estimates for the most recent year are preliminary. Preliminary data are subject to revision. Due to rounding, components may not add to total (where applicable).

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..	not available for a specific reference period
...	not applicable
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0 ^s	value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
P	preliminary
r	revised
x	suppressed to meet the confidentiality requirements of the <i>Statistics Act</i>
E	use with caution
F	too unreliable to be published
*	significantly different from reference category ($p < 0.05$)

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