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Statistical release

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Export and Import Unit Value Indices

June 2016

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Key findings for June 2016

Exports

The UVI for exported commodities shows an annual rate of change of 6,5% in June 2016. From May 2016 to June 2016 the UVI for exported commodities increased by 0,3%.

The main contributors to the annual rate of 6,5% were metal products, machinery and equipment (5,2 percentage points), beverages (1,0 percentage point) and agriculture (1,6 percentage points) (see Figure 4.2).

The main contributor to the monthly increase of 0,3% was metal products, machinery and equipment (1,4 percentage points) (see Figure 4.1).

Imports

The UVI for imported commodities shows an annual rate of change of 2,1% in June 2016. From May 2016 to June 2016 the UVI for imported commodities increased by 3,4%.

The main contributors to the annual rate of 2,1% were clothing and footwear (1,3 percentage points), metal products, machinery and equipment (0,9 of a percentage point) and food products (0,8 of a percentage point) (see Figure 5.2).

The main contributors to the monthly increase of 3,4% were metal products, machinery and equipment (1,0 percentage point), other transportable goods¹ (0,9 of a percentage point) and crude petroleum (0,6 of a percentage point) (see Figure 5.1).

¹ Refers to the category "Other transportable goods, except metal products, machinery and equipment" in Tables 1 and 2.

TABLES

Key figures and analytical series

Table A - Key figures

Product	Weight	Index (2012=100)			Percentage change	
		Jun 2015	May 2016	Jun 2016	Jun 2016 vs. May 2016	Jun 2016 vs. Jun 2015
Exports	100,00	110,8	117,6	118,0	0,3	6,5
Imports	100,00	120,7	119,2	123,2	3,4	2,1

Table B - Analytical series

Product	Weight	Index (2012=100)			Percentage change	
		Jun 2015	May 2016	Jun 2016	Jun 2016 vs. May 2016	Jun 2016 vs. Jun 2015
Exports excluding gold	93,44	113,3	119,6	118,4	-1,0	4,5
Exports excluding ores and minerals	81,68	117,0	126,2	127,7	1,2	9,1
Exports excluding basic metals	74,21	111,0	117,9	115,4	-2,1	4,0
Imports excluding crude petroleum	88,36	131,1	131,7	135,4	2,8	3,3

PJ Lehohla
Statistician-General

Main index numbers and rates of change (%)

Table C - Exports

Base: 2012=100

Year and type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	
2014	Index	115,4	116,4	118,4	117,8	116,6	116,2	116,8	118,7	118,6	120,0	118,1	116,4	117,5
	Rate m/m	1,0	0,9	1,7	-0,5	-1,0	-0,3	0,5	1,6	-0,1	1,2	-1,6	-1,4	..
	Rate y/y	12,0	10,8	9,1	6,5	6,4	4,4	4,8	4,2	4,1	5,1	4,2	1,8	6,0
2015	Index	116,1	116,0	113,1	110,9	110,2	110,8	112,1	113,2	114,9	115,5	116,0	114,0	113,6
	Rate m/m	-0,3	-0,1	-2,5	-1,9	-0,6	0,5	1,2	1,0	1,5	0,5	0,4	-1,7	..
	Rate y/y	0,6	-0,3	-4,5	-5,9	-5,5	-4,6	-4,0	-4,6	-3,1	-3,8	-1,8	-2,1	-3,3
2016	Index	116,6	115,6	115,9	114,8	117,6	118,0	..	..	..	..	..	..	..
	Rate m/m	2,3	-0,9	0,3	-0,9	2,4	0,3	..	..	..	..	..	..	..
	Rate y/y	0,4	-0,3	2,5	3,5	6,7	6,5	..	..	..	..	..	..	..

Table D - Imports

Base: 2012=100

Year and type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	
2014	Index	127,3	128,9	130,6	131,6	132,5	132,7	132,0	130,7	130,4	130,0	129,0	127,9	130,3
	Rate m/m	1,3	1,3	1,3	0,8	0,7	0,2	-0,5	-1,0	-0,2	-0,3	-0,8	-0,9	..
	Rate y/y	21,0	20,6	20,7	20,8	21,8	21,5	19,2	15,3	12,5	9,2	4,5	1,8	15,3
2015	Index	126,2	123,8	121,7	120,9	120,4	120,7	121,8	122,4	122,7	123,8	124,1	125,0	122,8
	Rate m/m	-1,3	-1,9	-1,7	-0,7	-0,4	0,2	0,9	0,5	0,2	0,9	0,2	0,7	..
	Rate y/y	-0,9	-4,0	-6,8	-8,1	-9,1	-9,0	-7,7	-6,4	-5,9	-4,8	-3,8	-2,3	-5,8
2016	Index	125,9	126,0	122,5	121,5	119,2	123,2	..	..	..	..	..	..	..
	Rate m/m	0,7	0,1	-2,8	-0,8	-1,9	3,4	..	..	..	..	..	..	..
	Rate y/y	-0,2	1,8	0,7	0,5	-1,0	2,1	..	..	..	..	..	..	..

Figure 1 - Export and import unit value indices

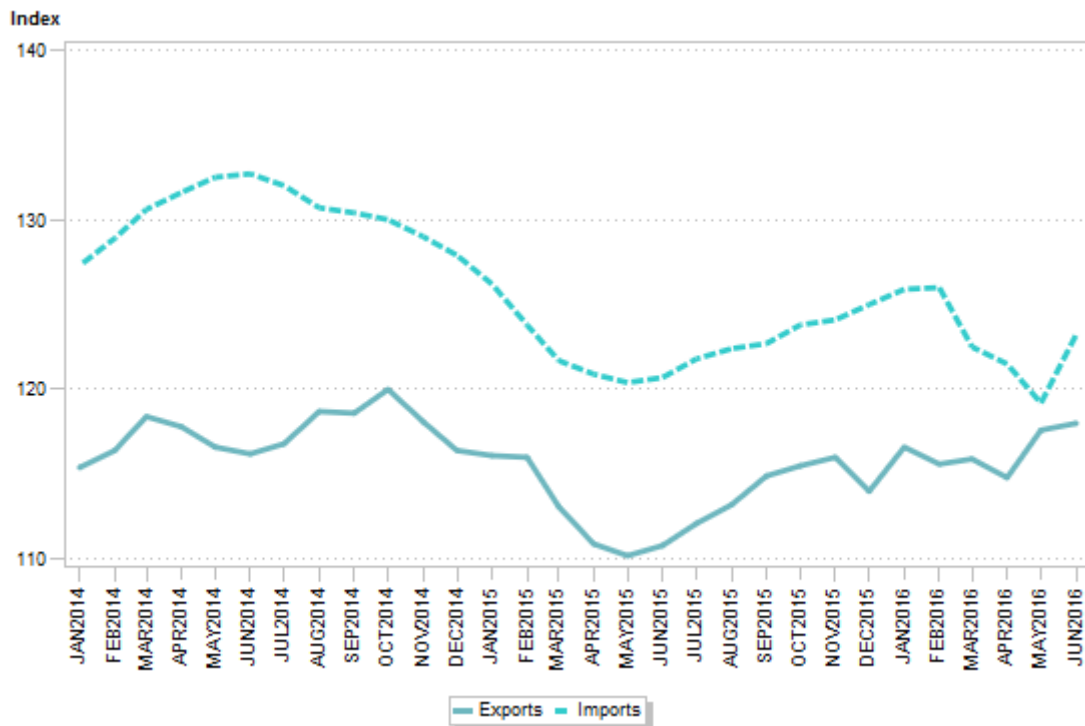


Figure 2 - Export UVI rates of change (%)

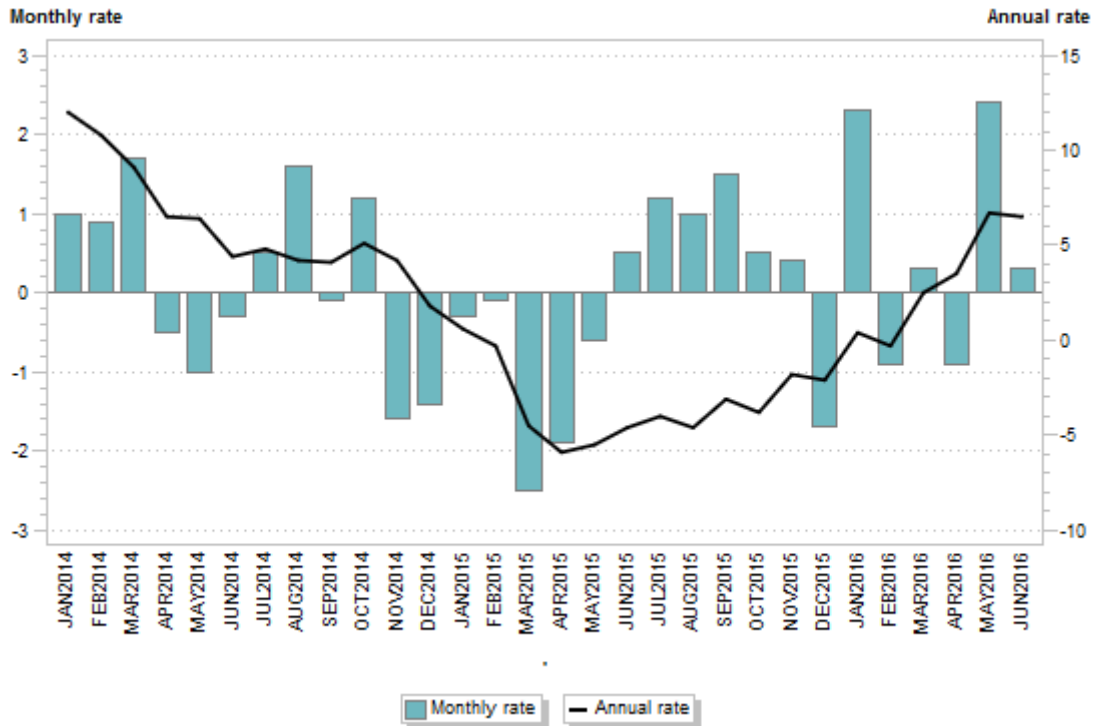
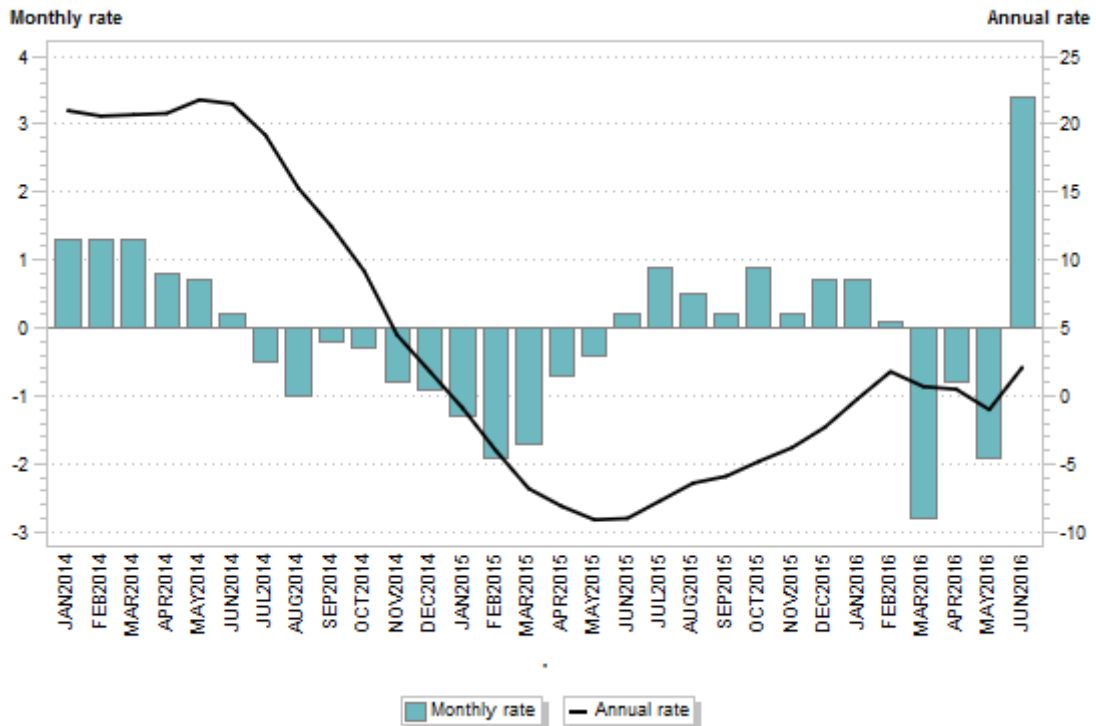


Figure 3 - Import UVI rates of change (%)



Detailed index numbers and rates of change, and contributions

Table 1 - Exports

Product	Weight	Index (2012=100)			Percentage change	
		Jun 2015	May 2016	Jun 2016	Jun 2016 vs. May 2016	Jun 2016 vs. Jun 2015
All items	100,00	110,8	117,6	118,0	0,3	6,5
Agriculture	5,27	123,4	163,9	157,5	-3,9	27,6
Ores and minerals	18,32	89,1	86,4	83,1	-3,8	-6,7
Coal	6,14	89,5	81,0	85,8	5,9	-4,1
Metal ores	12,18	87,3	100,7	92,2	-8,4	5,6
Iron ores and concentrates	6,25	83,2	107,5	85,6	-20,4	2,9
Non-ferrous metal ores and concentrates	5,93	93,8	99,6	100,4	0,8	7,0
Beverages	7,86	148,9	166,8	163,0	-2,3	9,5
Other transportable goods, except metal products, machinery and equipment	19,45	111,4	109,5	109,6	0,1	-1,6
Coke oven and refined petroleum products	5,36	112,6	108,0	111,8	3,5	-0,7
Basic chemicals	6,29	109,2	106,7	105,4	-1,2	-3,5
Other chemical products	4,00	112,6	111,7	107,2	-4,0	-4,8
Rubber and plastic products	1,75	124,2	141,6	139,7	-1,3	12,5
Waste and scrap	2,05	110,5	99,7	104,8	5,1	-5,2
Metal products, machinery and equipment	49,10	114,0	122,5	125,8	2,7	10,4
Basic metals	25,79	109,3	114,8	122,2	6,4	11,8
Basic iron and steel	4,97	124,1	127,6	131,2	2,8	5,7
Products of iron or steel	2,18	109,6	106,5	117,3	10,1	7,0
Basic precious metals and metals clad with precious metals	15,57	99,7	106,4	116,8	9,8	17,2
Other semi-finished metal products	3,07	134,9	145,4	140,3	-3,5	4,0
Fabricated metal products	1,65	111,0	113,1	113,2	0,1	2,0
General purpose machinery	4,47	115,9	109,2	104,7	-4,1	-9,7
Special-purpose machinery	2,77	119,4	122,2	124,0	1,5	3,9
Transport equipment	12,18	106,7	127,5	125,8	-1,3	17,9
Motor vehicles	11,44	103,8	125,9	124,2	-1,4	19,7
Parts and accessories for motor vehicles and their engines	0,74	137,8	137,8	136,0	-1,3	-1,3
Other machinery and equipment	2,24	168,6	197,4	196,6	-0,4	16,6

Figure 4.1 - Contributions to the monthly percentage change in exports

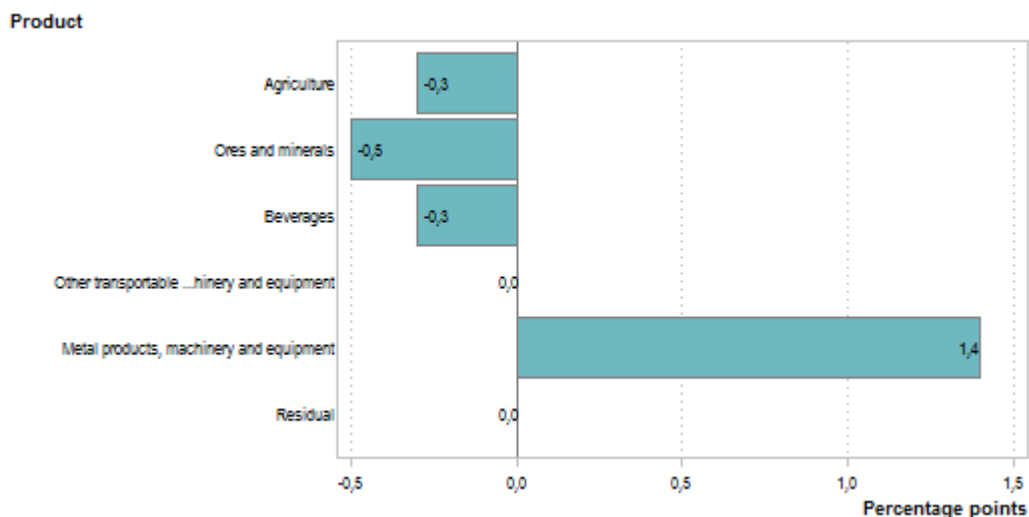


Figure 4.2 - Contributions to the annual percentage change in exports

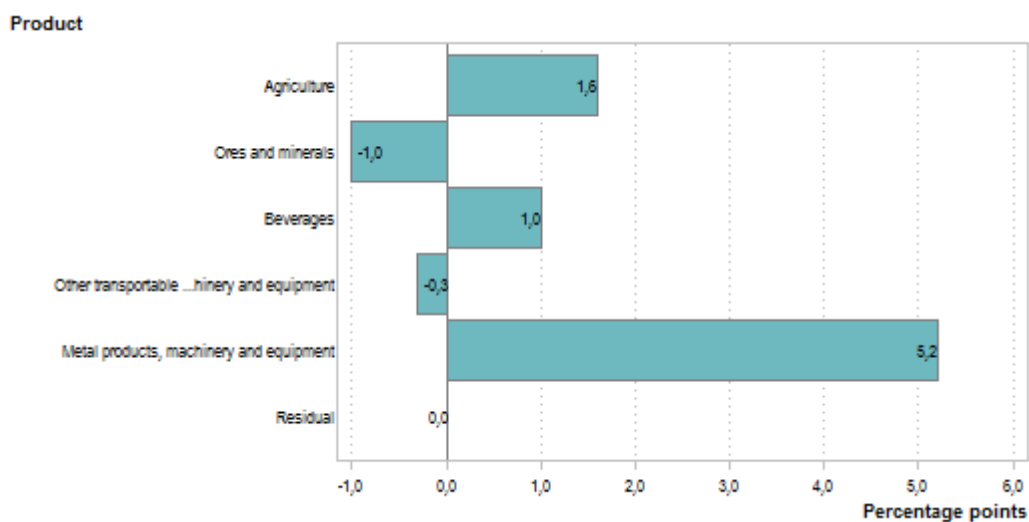


Table 2 - Imports

Product	Weight	Index (2012=100)			Percentage change	
		Jun 2015	May 2016	Jun 2016	Jun 2016 vs. May 2016	Jun 2016 vs. Jun 2015
All items	100,00	120,7	119,2	123,2	3,4	2,1
Crude petroleum	11,64	74,4	60,5	66,7	10,2	-10,3
Food products	6,30	108,1	114,3	122,8	7,4	13,6
Fats and oils	3,61	95,9	103,8	106,5	2,6	11,1
Grain mill products	2,69	122,6	125,6	143,0	13,9	16,6
Clothing and footwear	5,36	128,2	149,8	157,4	5,1	22,8
Clothing	3,31	129,8	151,4	160,2	5,8	23,4
Footwear	2,05	125,8	147,2	153,0	3,9	21,6
Other transportable goods, except metal products, machinery and equipment	27,66	130,3	127,2	131,1	3,1	0,6
Paper and paperboard	1,95	134,4	150,8	154,4	2,4	14,9
Coke oven and refined petroleum products	6,86	169,6	147,0	165,8	12,8	-2,2
Basic chemicals	6,17	124,9	127,1	127,6	0,4	2,2
Pharmaceutical and other chemical products	7,45	124,1	122,6	122,4	-0,2	-1,4
Pharmaceutical products	4,72	122,8	126,4	124,0	-1,9	1,0
Other chemical products	2,73	126,6	118,4	121,3	2,4	-4,2
Rubber and plastic products	3,07	115,9	122,7	127,1	3,6	9,7
Other transportable goods	2,16	81,3	92,7	92,7	0,0	14,0
Metal products, machinery and equipment	49,04	135,9	135,6	138,0	1,8	1,5
Basic metals	4,48	112,1	108,0	114,8	6,3	2,4
Fabricated metal products, except machinery and equipment	2,12	153,1	176,8	185,1	4,7	20,9
General purpose machinery	6,46	132,0	127,4	129,3	1,5	-2,0
Special purpose machinery	6,94	123,3	125,1	124,9	-0,2	1,3
Machinery for mining, quarrying and construction, and parts thereof	2,36	131,2	119,5	117,7	-1,5	-10,3
Agricultural or forestry machinery and parts thereof	0,76	125,2	103,5	106,6	3,0	-14,9
Other machinery and parts thereof	3,82	116,4	130,0	130,7	0,5	12,3
Office, accounting and computing machinery	3,40	134,5	123,4	121,9	-1,2	-9,4
Electrical machinery and apparatus	5,05	128,3	129,1	121,8	-5,7	-5,1
Radio, television and communication equipment and apparatus	6,68	179,9	172,8	174,2	0,8	-3,2
Medical appliances, precision and optical instruments, watches and clocks	3,16	133,0	122,5	129,1	5,4	-2,9
Transport equipment	10,75	133,1	139,4	144,1	3,4	8,3
Vehicles	9,05	129,6	138,7	143,6	3,5	10,8
Bodies and parts of vehicles	1,70	126,2	124,5	127,3	2,2	0,9

Figure 5.1 - Contributions to the monthly percentage change in imports

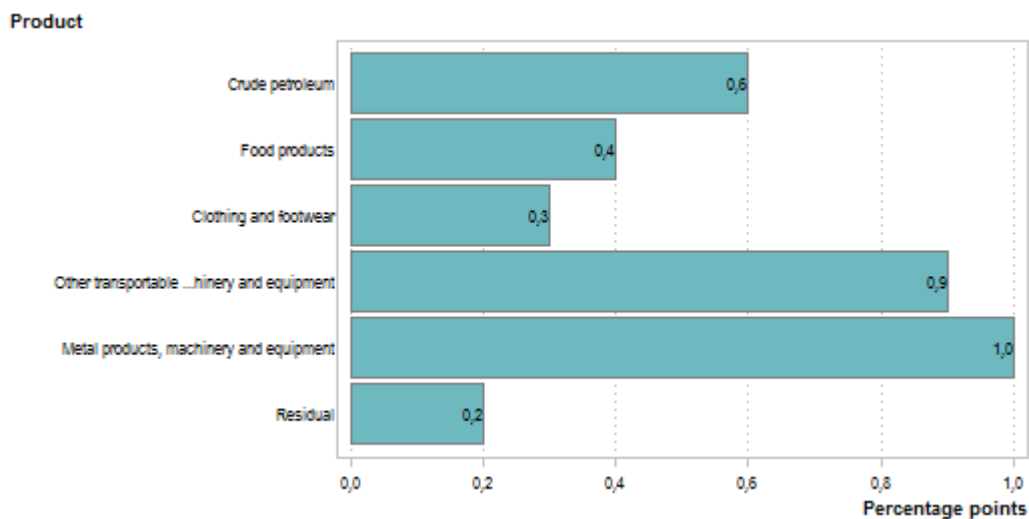
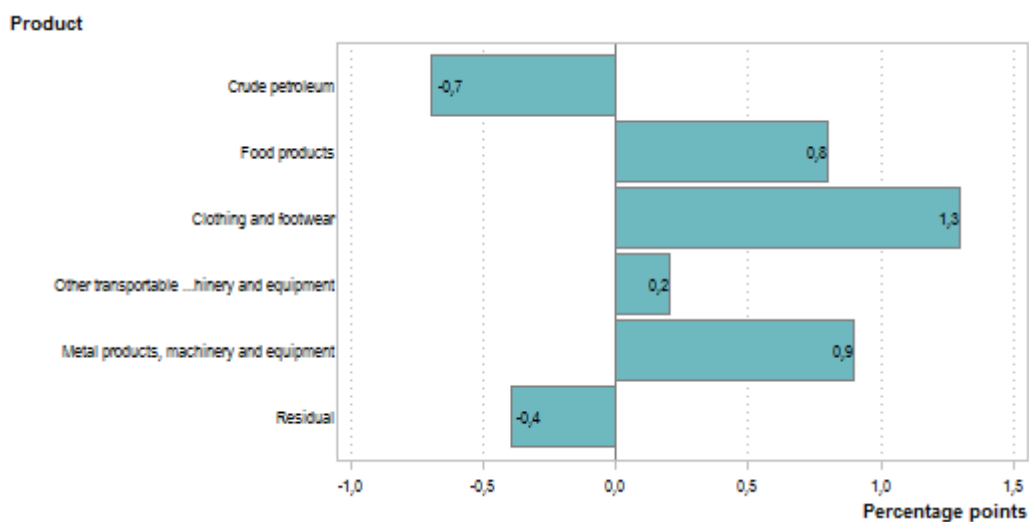


Figure 5.2 - Contributions to the annual percentage change in imports



EXPLANATORY NOTES

Purpose and results	The unit value index provides information on the trends in import and export unit values that are weighted with quantities of the current reference period. The calculation of unit value indices of commodities in exports and imports covers transactions reported by the South African Revenue Service. The results are used to compile export and import unit value indices, which are a measure of changes in export prices of locally produced commodities and changes in prices of imported commodities. Further information can be found in the XMUVI sources and methods document which can be accessed on this website: http://beta2.statssa.gov.za/?page_id=735&id=3 .
Source	South African Revenue Service (SARS).
Gold	The export unit value index for gold is calculated from net gold values and quantities obtained from the South African Reserve Bank (SARB) quarterly. The index changes quarterly and is published in this publication with a one quarter lag (e.g. the September 2013 gold value and quantity will only be included in the December 2013 publication).

GLOSSARY

Chain linking	The construction of a continuous price series by multiplying together price indices that have been using different weights for different periods. The resulting index is referred to as a chained index (Practical Guide to producing Consumer Price Indices; 2009). Linking is intended to ensure that the individual indices on all levels show the correct development through time, but leads to non-additivity (IMF, 2005).
Contributions	The contribution (percentage points) of a sub-index to the percentage change in the total index for a given period is calculated by multiplying the difference (i.e. change) in the sub-index by its weight and then dividing by the previous period's total index. In the case of annual percentage changes, the contributions are approximations owing to annual changes in weights.
Percentage change	The percentage change in an index for any given period is the change between that period's index value and the previous period's index value expressed as a percentage of the latter.

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