

Analysis of Change in Average Haul

In 2012, the average haul increased 18.5 km (+1.2%) and reached its peak: 1,546 km.

The average haul increased by 6.1 km due to a change in the type of service and by 12.4 km more due to a change in the type.

Exports via ports accounted for the biggest impact on the increase in the average haul by type of service (+31.5 km). Increase in the average haul by freight types was mainly due to coal (+15.2 km) and oil cargo (+8.5 km).

Decreased distances of mineral and construction cargo transportation reduced the average haul (-13.5 km).

FACTOR ANALYSIS OF FREIGHT TRANSPORTATION IN 2011-2012 BY TYPE OF SERVICE									
Service type	Average distance, km		Absolute change in the average haul, km	Average haul increase rate, %	Structure of transportation volumes by type of service, %		Impact of change in the transportation structure by type of service, km	Impact of a change in the average haul by type of service, km	Net effect of each service type, km
	2011	2012			2011	2012			
Domestic Russian transportation	1,125.0	1,123.8	-1.2	99.9	61.1	60.6	-5.2	-0.7	-5.9
Import via ports	4,032.8	4,668.8	+636.1	115.8	0.7	0.6	-4.1	+3.5	-0.6
Import via border crossings	675.6	665.8	-9.8	98.5	7.4	7.6	+1.1	-0.7	+0.4
Transit	1,693.9	1,749.8	+56.0	103.3	2.2	2.3	+2.4	+1.3	+3.7
Export via ports	2,892.9	2,939.3	+46.3	101.6	15.5	16.3	+23.9	+7.6	+31.5
Export via border crossings	2,109.7	2,121.8	+12.1	100.6	13.2	12.6	-12.1	+1.5	-10.5
Total	1,527.0	1,545.6	+18.5	101.2	100.0	100.0	+6.1	+12.4	+18.5

FACTOR ANALYSIS OF FREIGHT TRANSPORTATION IN 2011-2012 BY TYPE OF FREIGHT									
Service type	Average distance, km		Change, km	Structure of transportation volume, %		Change, km	Impact of change in distance on change in the average haul by freight types, km	Impact of change in the transportation structure on change in the average haul, %	Net effect of each freight, km
	2011	2012		2011	2012				
Total	1,527.0	1,545.6	+18.5	100.0	100.0	—	+33.2	-14.7	+18.5
Coal	2,157.4	2,219.2	+61.8	24.2	24.2	—	+14.9	+0.3	+15.2
Oil cargo	1,534.7	1,578.5	+43.9	19.5	19.4	-0.1	+8.5	—	+8.5
Other freight	1,918.3	1,998.3	+80.0	9.9	9.2	-0.7	+7.6	-3.0	+4.6
Various ores	1,043.8	1,053.3	+9.6	11.2	10.7	-0.5	+1.1	+2.4	+3.5
Timber cargo	1,510.9	1,544.2	+33.3	3.1	2.7	-0.4	+1.0	—	+1.0
Coke	2,343.4	2,446.9	+103.5	0.9	0.9	—	+0.9	-0.1	+0.8
Cereal	1,554.5	1,603.5	+49.0	1.6	1.9	+0.3	+0.9	+0.1	+1.0
Chemical and mineral fertilizers	1,657.1	1,650.1	-7.0	3.5	3.3	-0.2	-0.2	-0.3	-0.5
Ferrous metals	1,543.1	1,512.4	-30.7	6.6	6.4	-0.2	-2.0	—	-2.0
Mineral and construction materials	750.6	753.2	+2.6	19.5	21.3	+1.8	+0.5	-14.0	-13.5