

GOODS TRANSPORT

There is an increasing demand for data on the transport sector to assess its various impacts on the economy, the environment and societies. However comparability of transport data between countries is not always possible worldwide due to the lack of harmonised definitions and methods. The *Glossary for Transport Statistics (4th edition)* provides common definitions.

Definition

Goods transport data refer to the total movement of goods using inland transport modes (rail, road, inland waterways and pipelines) on a given network. Data are expressed in tonne-kilometres which represents the transport of one tonne over one kilometre. The distance to be taken into consideration is the distance actually run.

Comparability

Transport is classified as national if both loading and unloading take place in the same country. If one of them occurs in another country then the transport is considered as international. The statistics on international road transport, based on the nationality concept are different for statistics for other modes that are based on the territoriality concept.

Statistics based on the territoriality concept reflect the goods and the vehicles entering or leaving a country

Overview

Following the 2008 economic crisis and the collapse of world trade most regions of the world in 2011 continued the recovery started in 2010, but at a slower pace. If global freight volumes transported by sea and air rebounded strongly, then for rail and road freight the recovery has been slower, reflecting domestic economic performance more than trade.

After having been hit severely by economic crisis, rail freight transport volumes in 2011 reached their pre-crisis levels. Rail tonne-kilometres increased overall 3% in 2011. In the European Union, rail freight volume increased by 7% to slightly over than 400 billion tonne-kilometres in total. This is still 6% below their level in 2008. In the Russian Federation and the United States, rail freight volumes increased by 6% and 3% respectively, reaching their 2008 levels.

Road freight transport suffered in 2009 and recovery in road freight has been slow. Data for 2011 show an overall increase but volumes remain below their 2008 levels. The increase in activity, expressed in tonne-kilometres, was 1% for both the OECD and the EU in 2011. However road freight activity in emerging economies continued to increase throughout the 2008-11 period.

irrespective of the nationality of the transporting vehicle. Statistics based on the nationality concept only reflect the vehicles registered in the reporting country.

Sources

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Websites

- International Transport Forum, www.internationaltransportforum.org.

Inland goods transport

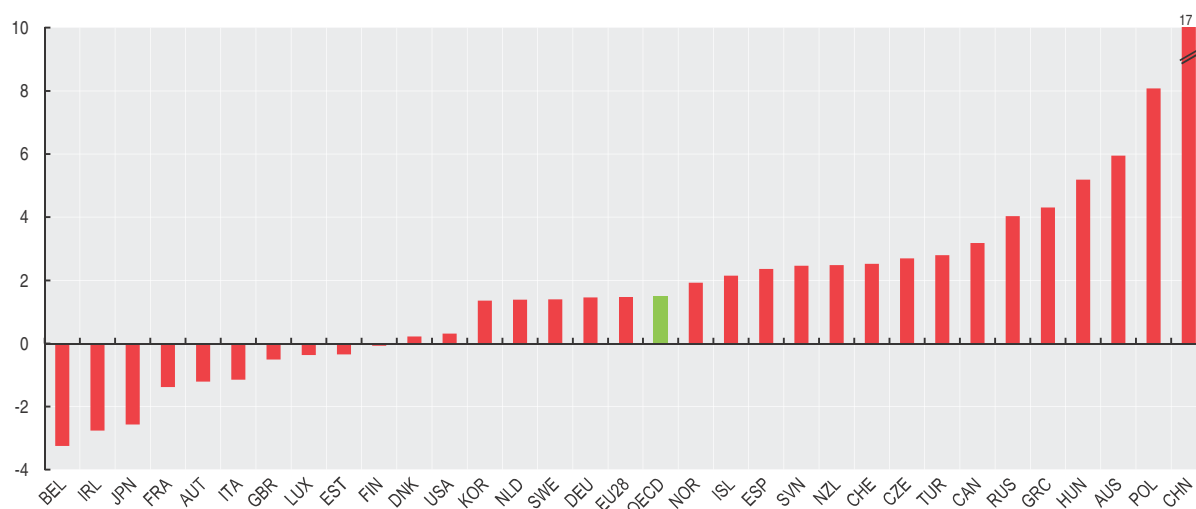

Billion tonne-kilometres

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Australia	258.7	268.8	276.3	296.6	311.0	324.9	349.4	362.4	387.2	394.2	428.0	453.9	464.6
Austria	59.1	61.7	65.0	66.4	66.5	67.5	64.6	70.2	68.6	66.1	56.1	57.9	58.2
Belgium	62.3	67.6	69.5	70.5	67.7	65.6	62.1	62.1	60.7	57.0	..	..	..
Canada	392.4	403.1	409.3	403.0	434.8	497.5	507.9	520.9	523.5	513.0	479.4	525.6	..
Chile	..	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	56.4	58.9	56.5	63.2	64.8	63.4	61.4	69.2	67.4	69.5	60.5	68.5	71.8
Denmark	16.6	17.7	17.5	18.1	18.2	17.9	18.2	18.3	18.2	16.8	15.6	16.4	17.9
Estonia	11.3	12.0	13.2	14.1	16.1	17.3	18.3	19.3	19.1	14.2	12.2	12.6	12.8
Finland	35.4	37.9	36.6	37.8	41.1	42.5	41.6	40.9	40.4	41.9	36.6	40.2	36.4
France	264.4	270.4	269.8	267.8	266.2	271.4	262.6	271.2	279.6	265.4	226.1	231.1	238.1
Germany	428.0	439.7	445.7	440.9	444.3	470.1	486.4	516.8	538.6	536.9	474.9	499.0	507.8
Greece	14.2	14.7	14.8	15.0	15.2	16.1	16.5	17.2	18.2	17.7	17.5	20.7	..
Hungary	25.2	25.2	32.4	31.5	33.0	36.7	41.9	48.4	53.9	53.5	50.1	50.5	51.1
Iceland	..	..	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8
Ireland	10.8	12.8	12.9	14.9	16.3	17.7	18.5	17.9	19.3	17.4	12.1	11.0	10.0
Israel	..	..	..	..	..	..	..	..	..	..	..	..	..
Italy	186.4	194.9	190.0	193.9	176.4	192.3	205.3	189.9	187.2	198.7	182.1	173.2	..
Japan	329.7	335.3	335.3	334.2	344.7	350.1	357.8	369.7	378.1	368.7	353.5	338.4	265.3
Korea	..	..	101.4	102.8	109.4	111.7	111.0	119.6	116.1	113.0	108.4	112.3	114.5
Luxembourg	7.3	8.6	9.7	10.4	10.5	10.9	9.6	9.7	9.9	10.2	8.9	9.3	9.4
Mexico	..	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands	84.2	83.3	83.1	81.3	83.9	89.8	88.9	89.1	90.7	91.7	80.5	88.0	94.0
New Zealand	16.1	17.2	17.9	18.6	19.5	20.5	21.2	21.3	22.0	22.5	20.5	21.4	22.3
Norway	18.6	18.3	18.9	18.9	19.2	21.7	22.7	22.8	22.9	24.0	22.5	23.0	22.4
Poland	146.0	150.6	147.2	150.0	160.3	188.7	196.4	216.9	238.6	248.8	258.9	288.1	296.3
Portugal	..	..	..	..	..	..	..	..	..	..	..	..	..
Slovak Republic	..	..	..	..	..	..	..	..	..	..	..	..	..
Slovenia	4.7	4.8	4.8	5.0	5.3	5.4	5.6	5.7	6.2	6.2	4.9	5.7	5.9
Spain	153.3	168.4	181.1	204.6	212.3	241.1	254.1	262.6	278.9	262.4	227.5	226.1	223.5
Sweden	51.3	51.4	49.5	51.0	51.6	53.5	56.4	57.7	59.6	60.9	52.5	56.2	56.1
Switzerland	23.2	25.0	25.7	25.6	26.0	27.2	27.8	29.2	29.3	29.9	..	..	..
Turkey	216.0	224.6	202.5	205.8	179.0	178.2	181.7	192.9	204.1	229.1	231.9	241.5	259.4
United Kingdom	182.9	183.4	183.3	183.9	186.4	193.0	197.8	202.1	207.5	197.6	176.8	183.9	..
United States	5 157.5	5 165.9	5 186.0	5 302.6	5 379.4	5 588.5	5 649.8	5 729.3	5 850.3	5 884.0	5 299.4	..	..
EU 28	1 897.7	1 959.9	1 991.5	2 046.4	2 073.6	2 215.5	2 285.7	2 370.4	2 456.6	2 424.0	2 159.2	2 245.2	2 273.0
OECD	..	..	8 456.6	8 628.9	8 759.3	9 181.9	9 336.1	9 553.8	9 797.0	9 812.2	8 976.9	9 533.1	9 676.1
Brazil	..	..	..	..	..	..	..	..	..	..	..	..	..
China	2 351.1	2 719.7	2 679.3	2 890.2	3 149.6	3 711.8	4 162.8	4 616.8	5 261.7	7 733.0	8 248.3	9 566.0	10 979.5
India	..	..	..	..	..	..	1 437.4	1 701.2	1 928.0	2 107.1	2 643.3	..	..
Indonesia	..	..	..	..	..	..	..	..	..	..	..	..	..
Russian Federation	2 120.1	2 341.9	2 473.5	2 657.9	2 925.4	3 192.4	3 295.2	3 390.1	3 523.1	3 509.1	3 220.9	3 387.6	3 529.9
South Africa	..	..	..	..	..	..	..	..	..	..	..	..	..

StatLink  <http://dx.doi.org/10.1787/888933028159>

Inland goods transport

Average annual growth rate in percentage, 2001-11 or latest available period

StatLink  <http://dx.doi.org/10.1787/888933025594>



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