

CountryAreaThailand

513,120 km2

Code	Indicator name	Actual definition used/ difference from the suggested definition	Unit/scale of measurement	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018p	Activity source of data [regulatory/administrative reporting system, census, survey]	Institutional source of data [Official agency source]	Notes/ Remarks			
A. Road infrastructure																								
001	Total road length		kilometer	215,876	216,315	225,743	226,563	224,859	224,493	229,431	231,216	231,790	232,196	233,175	234,073	454,025	457,221	456,487	Ministry of Transport Statistics System	DOH, DRR, BMA, EXAT, DLA	We have revised 2016-2018 data because Thailand is in the process of reforming the road data management to avoid duplicate data.			
002	Length of paved road		kilometer	168,583	169,202	174,264	175,442	176,875	177,996	185,168	186,503	187,207	188,348	189,166	190,077	322,999	327,431	327,772						
003	Ratio of paved road to total road length		Percent	78.09	78.22	77.20	77.44	78.66	79.29	80.71	80.66	80.77	81.12	81.13	81.20	71.14	71.61	71.80						
004	Total length of expressways		Kilometer	171	171	171	198	198	208	208	208	208	209	209	209	209	225	225	Ministry of Transport Statistics System	EXAT				
B. Road transport equipment																								
005	Total number of registered road motor vehicles		Thousand	20,625	22,571	24,807	25,618	26,417	27,185	28,485	30,195	32,477	34,624	35,835	36,731	37,338	38,309	39,552	Ministry of Transport Statistics System	DLT	Old data, we counted only Vehicle under Motor Vehicle Act. At present, we add Vehicle under Land Transport Act We have revised old data from DLT.			
006	Number of registered passenger cars		Thousand	6,454	7,022	7,973	8,402	8,833	9,258	9,888	10,652	11,828	13,024	13,794	14,421	15,004	15,697	16,498	Ministry of Transport Statistics System	DLT				
007	Number of taxis or taxicabs		Thousand	101	111	114	112	114	120	125	130	136	143	143	135	127	114	119	Ministry of Transport Statistics System	DLT				
008	Number of registered trucks		Thousand	685	716	719	748	772	791	817	853	898	963	1,008	1,031	1,056	1,090	1,122	Ministry of Transport Statistics System	DLT				
009	Total number of registered buses		Thousand	107	108	114	121	125	128	132	135	138	140	145	153	157	159	163	Ministry of Transport Statistics System	DLT				
010	Number of public buses		Thousand	76	75	79	82	84	85	88	89	89	88	86	86	84	79	76	Ministry of Transport Statistics System	DLT				
011	Total number of registered motorcycles		Thousand	13,232	14,574	15,803	16,143	16,449	16,729	17,323	18,175	19,169	19,987	20,328	20,519	20,497	20,718	21,100	Ministry of Transport Statistics System	DLT	We have revised old data from DLT.			
C. Road transport measurement																								
012	Total number of road passengers		Thousand	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	1,057,140	950,240	906,777	922,896	938,632	1,022,205	Ministry of Transport Statistics System	DOH, TCL, BMTA, OTP	
013	Number of taxi passengers		Thousand	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	394,591	409,068	390,118	424,764	448,800	458,700	Ministry of Transport Statistics System	OTP	
014	Number of public bus passengers		Thousand	O/C	O/C	O/C	O/C	O/C	O/C	O/C	O/C	O/C	O/C	O/C	O/C	581,712	457,475	437,027	412,005	399,092	472,464	Ministry of Transport Statistics System	TCL, BMTA	We have revised data of 2013-2018. 2004-2012 data is currently being checked.
015	Road passenger-kilometer		Million pax- kilometer	O/C	O/C	O/C	O/C	O/C	O/C	O/C	O/C	O/C	O/C	O/C	O/C	690,882	643,164	663,561	696,062	695,426	715,798	Ministry of Transport Statistics System	DOH, BMTA	We have improved data by adding data from BMTA. 2004-2012 data is currently being checked.
016	Total operational mileage of public buses		Million kilometer	173	178	175	174	171	164	424	413	408	438	418	406	396	375	1,453	Ministry of Transport Statistics System	TCL, BMTA	We have improved data by 1. revised 2013-2018 data from TCL and BMTA. 2. add 2018 affiliated bus data from TCL (first year collected)			
017	Freight		Thousand ton	435,147	430,289	427,581	428,123	424,456	423,677	456,448	442,667	458,781	458,828	465,020	482,358	484,884	483,760	484,250	Ministry of Transport Statistics System	MOT				
018	Freight-kilometer		Thousand ton- kilometer	177,902	176,751	184,006	186,174	181,452	183,429	185,883	184,082	187,583	183,948	187,330	193,911	189,110	190,340	190,532						

Road Transport of Thailand (2004 - 2018)

Code	Indicator name	Actual definition used/ difference from the suggested definition	Unit/scale of measurement	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018p	Activity source of data [regulatory/administrative reporting system, census, survey]	Institutional source of data [Official agency source]	Notes/ Remarks	
D. Others (enterprises, logistics & economic performance)																						
019	Number of trucking companies		Company	N/Col	N/Col	6,836	7,948	9,174	10,021	11,433	12,771	14,602	16,751	18,096	19,839	21,833	24,922	28,700	Ministry of Transport Statistics System	DLT		
020	Number of domestic forwarders		Company		5,274	5,369	5,456	5,445	5,366	5,179	3,123	2,649	2,452	2,525	2,686	2,951	3,420	3,983	Ministry of Transport Statistics System	DBD	We have revised old data from DBD.	
021	Number of warehouse companies		Company		657	666	692	668	664	652	663	628	616	635	627	701	729	749	789			
022	Number of fixed route bus operators		Company	N/Col	N/Col	1,295	1,411	1,427	1,445	1,389	1,458	1,472	1,489	1,461	1,473	1,452	1,515	1,527	Ministry of Transport Statistics System	DLT		
023	Total number of new driving licenses issued for automobiles		License		1,191,864	1,047,514	1,374,114	1,315,803	1,308,752	1,334,258	1,430,960	1,544,053	1,698,182	1,823,510	1,788,588	1,596,781	1,100,412	1,431,234	1,724,713	Ministry of Transport Statistics System	DLT	We have revised old data from DLT.
024	Total number of new licenses issued for motorcycles		License		2,086,685	2,004,028	1,802,630	1,385,284	1,263,086	1,293,277	1,358,372	1,366,025	1,213,614	1,164,746	1,066,305	932,785	625,930	778,408	979,476			
025	Total domestic freight volume by road		Thousand ton		435,147	430,289	427,581	428,123	424,456	423,677	456,448	442,667	458,781	458,828	465,020	482,358	484,884	483,760	484,250	Ministry of Transport Statistics System	MOT	
026	Total domestic freight movement by road		Million ton-kilometer		177,902	176,751	184,006	186,174	181,452	183,429	185,883	184,082	187,583	183,948	187,330	193,911	189,110	190,340	190,532			
027	Total import cargo by road		Thousand ton		3,261	3,428	3,218	3,417	7,737	12,142	12,730	12,690	12,194	12,723	12,629	15,749	15,912	16,992	16,743	Ministry of Transport Statistics System	THAI CUSTOMS	We have revised old data from THAI CUSTOMS.
028	Total export cargo by road		Thousand ton		7,096	8,608	8,170	7,751	8,372	9,122	10,182	10,779	12,380	13,419	14,896	16,548	16,381	16,455	16,442			
E. Road traffic accident																						
029	Number of traffic accidents		Case/ Count		124,530	122,040	98,683	99,999	87,625	93,923	83,336	68,781	61,194	61,868	62,769	69,394	74,190	88,584	103,724			
030	Number of traffic accident casualties (dead)		Person		13,766	12,858	5,499	5,759	4,416	5,722	7,996	9,496	8,745	7,500	6,374	6,273	7,016	8,983	8,363	Ministry of Transport Statistics System	RTP	We have revised old data from RTP.
031	Number of traffic accident casualties (injuries)		Person		94,164	95,364	16,252	19,703	15,832	16,404	18,667	22,346	22,344	21,072	20,765	18,120	37,489	50,555	55,922			
F. GHG emissions																						
032	Total GHG emissions		Million ton		54.601	55.557	53.094	53.907	51.436	54.814	55.428	57.404	59.614	58.646						Reporting System		
033	Transport GHG emissions per capita		Ton per capita		0.881	0.890	0.845	0.855	0.811	0.863	0.868	0.896	0.925	0.905						Ministry of Transport Statistics System	ONEP	2014-2015 data is currently being processed. It will be completed by December 2019.
034	Passenger transport GHG per PKM by transport mode		Ton per PKM		1.97E-04	2.01E-04	1.91E-04	1.92E-04	1.87E-04	1.92E-04	1.96E-04	1.92E-04	1.86E-04	1.38E-04								
035	Freight transport GHG per TKM by transport mode		Ton per TKM		0.307	0.314	0.289	0.290	0.283	0.299	0.298	0.312	0.318	0.319								

Updated 11-07-2019

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N/Cont	Not Contactable	The data is not contactable, although the data seems to be Collected by some organization.
Conf	Confidential	The data is not disclosed by government.
O/C	Other Case	Other case

p Preliminary

Code	Indicator name	Actual definition used/ difference from the suggested definition	Unit/scale of measurement	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018p	Activity source of data [regulatory/administrative reporting system, census, survey]	Institutional source of data [Official agency source]	Notes/ Remarks
<b>A. Railway transport infrastructure</b>																					
101	Total railway route length		Kilometer	4,063	4,063	4,063	4,063	4,063	4,063	4,091	4,091	4,091	4,091	4,091	4,091	4,114	4,115	4,115	Ministry of Transport Statistics System	SRT, ARL, MRTA	We have improved data by 1. revised old data from SRT 2. add data from ARL and MRTA
102	Double-track railway route length		Kilometer	90	90	90	173	173	173	173	173	252	252	252	252	252	252	252	Ministry of Transport Statistics System	SRT	Railway network consist of - Single Track 3,618.784 Kms. - Double Track 251.830 Kms. - Third Track 106.719 Kms. - Mae Klong 65.283 Kms. (Vong Vian Yai - Mae Klong)
103	Electrified track railway route length		Kilometer	20	20	20	20	20	20	49	49	49	49	49	49	72	73	73	Ministry of Transport Statistics System	ARL, MRTA	We have changed data source from SRT to ARL and MRTA.
104	Urban railway route length		Kilometer	20	20	20	20	20	20	49	49	49	49	49	72	73	73				
<b>B. Railway transport equipment</b>																					
105	Number of railway locomotives ready for operation		Count	321	321	314	309	307	307	321	316	314	314	314	321	366	351	351	Ministry of Transport Statistics System	SRT, ARL, MRTA	We have improved data by 1. revised old data from SRT 2. add data from ARL and MRTA
106	Number of passenger coaches		Count	1,296	1,301	1,323	1,322	1,320	1,317	1,326	1,357	1,348	1,348	1,348	1,345	1,351	1,466	1,464			
107	Number of freight wagons		Count	6,900	6,693	6,692	6,692	6,690	6,797	6,069	6,016	5,637	5,647	5,647	5,100	4,900	5,038	5,000	Ministry of Transport Statistics System	SRT	
<b>C. Railway transport measurement; traffic</b>																					
108	Total number of rail passengers		Million persons	76.3	105.7	106.3	105.0	109.9	111.7	110.6	124.9	136.5	139.2	145.9	149.5	158.0	177.1	192.0	Ministry of Transport Statistics System	SRT, ARL, MRTA	We have improved data by 1. revised old data from SRT 2. add data from ARL and MRTA
109	Rail passenger-kilometer		Million passenger-kilometer	9,313	9,222	9,019	8,334	8,864	8,880	8,414	7,859	7,982	7,233	6,958	6,639	6,654	7,136	6,581			
110	Freight		Thousand ton	12,883	11,760	11,579	11,055	12,807	11,133	11,399	10,864	10,758	11,889	10,802	11,388	11,937	11,695	10,232	Ministry of Transport Statistics System	SRT	
111	Freight-kilometer		Million ton-kilometer	3,414	3,002	2,904	2,688	2,857	2,533	2,582	2,455	2,342	2,566	2,295	2,545	2,647	2,846	2,769	Ministry of Transport Statistics System	SRT	
<b>D. Others (enterprises, logistics, and economic performance)</b>																					
112	Total domestic freight volume by rail		Thousand ton	12,883	11,760	11,579	11,055	12,807	11,133	11,399	10,864	10,758	11,889	10,802	11,388	11,937	11,695	10,232	Ministry of Transport Statistics System	SRT	
113	Total domestic freight movement by rail		Million ton-kilometer	3,414	3,002	2,904	2,688	2,857	2,533	2,582	2,455	2,342	2,566	2,295	2,545	2,647	2,846	2,769	Ministry of Transport Statistics System	SRT	
114	Total import cargo by rail		Thousand ton	N/Col	N/Col	N/Col	77.0	70.0	24.0	14.0	13.0	8.0	7.0	4.0	2.0	1.0	3.2	3.9	Ministry of Transport Statistics System	THAI CUSTOMS	
115	Total export cargo by rail		Thousand ton	N/Col	N/Col	N/Col	685.0	296.0	164.0	158.0	133.0	95.5	90.0	76.0	124.0	221.0	320.9	355.5	Ministry of Transport Statistics System	THAI CUSTOMS	

Rail Transport of Thailand (2004 - 2018)

Code	Indicator name	Actual definition used/ difference from the suggested definition	Unit/scale of measurement	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018 <sup>p</sup>	Activity source of data [regulatory/administrative reporting system, census, survey]	Institutional source of data [Official agency source]	Notes/ Remarks
E. Railway accident																					
116	Number of Railway accidents		Cases	853	768	742	555	565	507	540	568	560	547	551	362	409	370	349	Ministry of Transport Statistics System	SRT, ARL, MRTA	ARL and MRTA have no accident.
117	Number of Railway accident casualties (dead)		Person	152	191	158	240	173	177	140	114	113	91	101	75	96	67	73			
118	Number of Railway accident casualties (injuries)		Person	383	395	428	438	263	316	316	287	248	222	257	164	260	113	96			
F. GHG emissions																					
119	Total GHG emissions		Million ton	0.307	0.308	0.308	0.308	0.282	0.266	0.251	0.237	0.232	0.228						Reporting System	ONEP	2014-2015 data is currently being processed. It will be completed by December 2019.
120	Transport GHG emissions per capita		Ton per capita	4.95E-03	4.93E-03	4.89E-03	4.88E-03	4.44E-03	4.18E-03	3.93E-03	3.69E-03	3.60E-03	3.52E-03						Ministry of Transport Statistics System	MOT	
121	Passenger transport GHG per PKM by transport mode		Ton per PKM	3.29E-05	3.33E-05	3.41E-05	3.69E-05	3.18E-05	2.99E-05	2.98E-05	3.01E-05	2.90E-05	3.15E-05								
122	Freight transport GHG per TKM by transport mode		Ton per TKM	8.98E-05	1.02E-04	1.06E-04	1.14E-04	9.86E-05	1.05E-04	9.71E-05	9.63E-05	9.90E-05	8.89E-05								

Updated 11-07-2019

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<sup>p</sup> Preliminary

Water Transport of Thailand (2004 - 2018)

CountryAreaThailand

513,120 km2

Code	Indicator name	Actual definition used/ difference from the suggested definition	Unit/scale of measurement	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018p	Activity source of data [regulatory/administrative reporting system, census, survey]	Institutional source of data [Official agency source]	Notes/ Remarks		
A. Maritime transport infrastructure																							
201	Number of domestic ports		Count	317	285	235	322	235	212	215	216	242	242	242	242	242	246	382	Ministry of Transport Statistics System	MD			
202	Number of international ports		Count	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	Ministry of Transport Statistics System	PAT	We have revised old data from PAT.		
B. Maritime transport equipment (vessels)																							
203	Number of domestic passenger fleet		Count	6,249	6,878	7,718	8,352	8,946	9,638	10,417	11,222	11,945	12,939	14,245	15,635	17,231	18,606	19,826	Ministry of Transport Statistics System	MD	We have revised registered-vessel data which is one of the measure to tackling with the IUU problem.		
204	Number of domestic cargo fleet		Count	2,888	2,978	3,069	3,220	3,355	3,437	3,548	3,641	3,741	3,893	4,027	4,140	4,264	4,401	4,498					
205	Gross tonnage of domestic passenger fleet		Thousand Ton	108	114	124	130	137	144	152	161	170	185	202	218	242	264	279					
206	Gross tonnage of domestic merchant fleet		Thousand Ton	1,657	1,728	1,821	1,960	2,080	2,156	2,263	2,364	2,474	2,612	2,753	2,895	3,032	3,206	3,316					
207	Number of international merchant fleet		Count	84	103	154	166	169	176	183	189	202	214	219	223	235	247	258					
208	Number of international container vessel fleet		Count	4	6	8	8	8	8	8	8	8	10	10	10	10	10	12					
209	Gross tonnage of international merchant fleet		Thousand Ton	803	858	913	917	933	992	1,077	1,200	1,452	2,163	2,267	2,444	2,769	3,330	3,447					
210	Gross tonnage of international container vessel fleet		Thousand Ton	37	87	135	135	135	135	135	135	135	154	154	154	154	154	190					
C. Maritime transport measurement and traffic																							
211	Domestic sea passenger traffic		Thousand person	N/Cont	16,453	10,833	14,372	13,533	12,056	13,985	21,442	22,601	20,229	20,312	28,893	29,679	33,251	35,259				Ministry of Transport Statistics System	MD
212	Domestic sea cargo throughput		Thousand ton		36,975	34,254	31,574	31,216	29,615	29,311	30,457	41,273	44,263	45,441	46,673	51,872	50,894	60,850	63,227	Ministry of Transport Statistics System	MD		
213	Number of domestic ship calls		Thousand times	O/C	O/C	O/C	570	464	398	389	446	526	520	563	735	781	1,013	1,073	Ministry of Transport Statistics System	MD	2004-2006 data is currently being checked.		
214	International sea passenger traffic		Thousand person		282	241	303	275	306	348	486	552	612	495	515	451	476	494	644	Ministry of Transport Statistics System	DOT		
215	International sea cargo throughput		Thousand ton		101,558	119,569	130,093	141,796	147,286	131,529	130,316	157,174	178,362	170,436	183,113	208,427	211,894	215,869	228,760	Ministry of Transport Statistics System	MD		
216	International sea container throughput		Thousand TEUs		4,830	5,094	5,561	6,177	6,680	5,922	7,499	7,091	7,056	7,422	7,929	8,271	8,507	9,090	9,430	Ministry of Transport Statistics System	PAT	We have revised old data from PAT.	
217	Number of international ship calls		Thousand times		61	64	72	70	70	64	71	80	76	71	70	81	93	90	93	Ministry of Transport Statistics System	MD		
D. River transport infrastructure																							
218	Number of river ports		Count	N/Cont	N/Cont	148	224	165	152	150	151	172	151	151	151	151	156	592	Ministry of Transport Statistics System	MD	2004-2017 data counted only Chao Phraya river ports. 2018 data counted all of river ports in Thailand (first year collected).		
219	Total waterway route length		Kilometer		2,227	2,227	2,227	2,227	2,227	2,227	2,227	2,227	2,227	2,227	2,227	2,227	2,227	5,047	Ministry of Transport Statistics System	MD	2004-2017 data measured only route length in the central region of Thailand. 2018 data measured all of route length in Thailand (first year collected).		

## Water Transport of Thailand (2004 - 2018)

Code	Indicator name	Actual definition used/difference from the suggested definition	Unit/scale of measurement	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018p	Activity source of data [regulatory/administrative reporting system, census, survey]	Institutional source of data [Official agency source]	Notes/Remarks
E. River transport equipment (vessels)																					
220	Number of passenger river fleet (domestic/international)		Count	10,892	11,195	11,458	11,637	11,800	12,109	12,342	12,535	12,637	12,786	13,004	13,421	13,813	14,276	14,652	Ministry of Transport Statistics System	MD	We have revised registered-vessel data which is one of the measure to tackling with the IUU problem.
221	Number of domestic cargo river fleet (domestic/international)		Count	1,633	1,642	1,651	1,654	1,654	1,658	1,660	1,664	1,678	1,688	1,698	1,702	1,719	1,725	1,737			
F. River transport measurement and traffic																					
222	River passenger traffic (domestic/international)		Thousand person	N/Cont	17,507	18,481	20,739	13,140	13,979	11,597	9,740	11,562	12,259	10,872	12,396	15,462	14,935	14,739	Ministry of Transport Statistics System	MD	
223	River cargo throughput (domestic/international)		Thousand ton	43,389	42,306	40,340	47,229	47,687	41,561	48,185	46,932	47,423	45,413	50,113	50,907	50,327	53,026	55,739	Ministry of Transport Statistics System	MD	
G. Others (enterprises, logistics and economic performance)																					
224	Total domestic freight volume by sea		Thousand ton	36,975	34,254	31,574	31,216	29,615	29,311	30,457	41,273	44,263	45,441	46,673	51,872	50,894	60,850	63,227	Ministry of Transport Statistics System	MD	
225	Total domestic freight movement by sea		Million ton-kilometer	5,744	5,322	4,905	4,850	5,590	5,545	5,706	6,412	6,875	5,725	5,391	5,344	5,240	6,265	6,510	Ministry of Transport Statistics System	MD	
226	Total import cargo by sea		Thousand ton	89,476	107,905	100,136	101,774	99,370	90,702	96,263	92,965	92,976	87,391	93,070	95,743	103,087	157,549	196,795	Ministry of Transport Statistics System	THAI CUSTOMS	
227	Total export cargo by sea		Thousand ton	78,422	75,622	80,959	92,812	93,907	91,717	96,128	100,675	101,342	98,696	111,223	106,361	106,139	110,468	115,951	Ministry of Transport Statistics System	THAI CUSTOMS	
228	Total domestic freight volume by river		Thousand ton	43,389	42,306	40,340	47,229	47,687	41,561	48,185	46,932	47,423	45,413	50,113	50,907	50,327	53,026	55,739	Ministry of Transport Statistics System	MD	
229	Total domestic freight movement by river		Million ton-kilometer	7,535	7,906	7,051	8,134	8,671	7,511	8,558	8,695	8,325	7,972	7,993	7,000	6,920	7,291	7,664	Ministry of Transport Statistics System	MD	
230	Total import cargo by river		Thousand ton	N/App	N/App	N/App	N/App	N/App	N/App	N/App	N/App	N/App	25	20	14	5	4	2	Ministry of Transport Statistics System	PAT	Chiang Saen commercial port
231	Total export cargo by river		Thousand ton	N/App	N/App	N/App	N/App	N/App	N/App	N/App	N/App	N/App	310	353	340	201	240	220	Ministry of Transport Statistics System	PAT	Chiang Saen commercial port
H. Water transport accident																					
232	The total number of ships involment in accidents		ships	40	30	30	44	36	40	25	25	33	16	28	21	168	146	87	Ministry of Transport Statistics System	MD	We have revised 2016-2018 data from MD. Data 2004-2015 is currently being checked.
233	The number of deaths and missing		persons	60	46	8	42	54	31	6	18	11	12	10	7	50	8	68			
I. GHG emissions																					
234	Total GHG emissions		Million ton	0.247	0.210	0.197	0.167	0.189	0.205	0.235	0.442	0.453	0.456						Reporting System		
235	Transport GHG emissions per capita		Ton per capita	3.99E-03	3.37E-03	3.13E-03	2.65E-03	2.98E-03	3.22E-03	3.68E-03	6.90E-03	7.03E-03	7.04E-03						Ministry of Transport Statistics System	ONEP	2014-2015 data is currently being processed. It will be completed by December 2019.
236	Passenger transport GHG per PKM by transport mode		Ton per PKM	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col	N/Col				
237	Freight transport GHG per TKM by transport mode		Ton per TKM	1.86E-05	1.59E-05	1.65E-05	1.29E-05	1.32E-05	1.57E-05	1.65E-05	2.93E-05	2.98E-05	3.33E-05								

Updated 11-07-2019

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N/Col	Not Collected	The data is not collected by any organization of the country, although there are transport activities related the indicator.
N/Cont	Not Contactable	The data is not contactable, although the data seems to be Collected by some organization..
Confil	Confidential	The data is not disclosed by government.
O/C	Other Case	Other case

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Country/Area/Thailand

513,120 km2

Code	Indicator name	Actual definition used/ difference from the suggested definition	Unit/scale of measurement	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018p	Activity source of data [regulatory/administrative reporting system, census, survey]	Institutional source of data [Official agency source]	Notes/ Remarks
<b>A. Air transport infrastructure</b>																					
301	Total number of airports		Count	34	34	35	35	35	35	35	35	35	35	35	36	36	36	36	Ministry of Transport Statistics System	CAAT	* count only commercial airports.
302	Number of international airports		Count	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7			
303	Number of domestic airports		Count	28	28	28	28	28	28	28	28	28	28	28	29	29	29	29			
<b>B. Air transport equipment (aircraft)</b>																					
304	Commercial aircraft fleet		Count	156	188	198	219	233	223	247	289	322	363	414	420	423	423	435	Ministry of Transport Statistics System	CAAT	We changed main source of data to CAAT.
<b>C. Air transport measurement, traffic and accidents</b>																					
305	Domestic air passenger traffic		Thousand person	21,713	21,424	23,969	26,696	25,791	26,492	27,260	31,691	36,320	42,446	49,929	62,293	70,168	75,329	78,929	Ministry of Transport Statistics System	CAAT	* count both departure and arrival flight.
306	Domestic air cargo traffic		Thousand ton	323	345	368	367	344	302	403	455	453	384	388	353	359	338	307			
307	Domestic aircraft traffic		Count	207,573	218,470	234,645	256,330	238,075	230,994	260,487	306,950	336,425	383,023	447,662	517,134	555,728	583,242	601,409			
308	International air passenger traffic		Thousand person	28,091	28,181	32,225	34,725	33,164	31,649	35,513	41,858	47,097	54,895	50,199	61,658	67,914	75,962	81,333	Ministry of Transport Statistics System	CAAT	*
309	International passengers in transit		Thousand person	1,794	1,844	1,779	1,684	1,504	1,460	1,542	1,633	1,349	1,179	1,904	2,086	1,726	1,612	1,340			
310	International air cargo loaded		Thousand ton	614	656	689	727	698	611	753	716	721	665	705	712	746	823	862			
311	International air cargo unloaded		Thousand ton	400	429	442	467	462	400	518	560	588	550	525	526	587	659	686	Ministry of Transport Statistics System	CAAT	* count both departure and arrival flight.
312	International aircraft traffic		Count	186,499	192,118	202,467	218,680	210,234	202,371	218,753	257,301	276,817	331,802	321,941	380,058	416,200	441,420	477,975			
<b>D. Others (enterprises, logistics and economic performance)</b>																					
313	Number of airline companies		Count	38	40	45	48	49	49	52	54	55	56	60	58	49	45	40	Ministry of Transport Statistics System	CAAT	We changed main source of data to CAAT.
314	Number of customs clearance points		place	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	Reporting System	THAI CUSTOMS	We have revised old data from THAI CUSTOMS.
315	Total domestic freight volume by air		Thousand ton	323	345	368	367	344	302	403	455	453	384	388	353	359	338	307	Ministry of Transport Statistics System	CAAT	* count both departure and arrival flight.
316	Total domestic freight movement by air		Million ton-km	368,556	415,037	291,238	279,798	225,894	257,050	349,237	419,742	411,124	285,355	301,172	324,513	382,984	431,021	393,348			
317	Total import cargo by air		Thousand ton	490	914	744	223	241	206	265	282	319	282	287	298	318	340	323	Ministry of Transport Statistics System	THAI CUSTOMS	
318	Total export cargo by air		Thousand ton	401	444	963	462	418	397	459	443	427	397	409	390	418	387	376	Ministry of Transport Statistics System	THAI CUSTOMS	
<b>E. Air transport accident</b>																					
319	Number of traffic accidents		Cases	5	4	7	7	5	3	6	11	7	14	6	5	12	9	13	Ministry of Transport Statistics System	CAAT	We changed main source of data to CAAT.
320	Number of traffic accident casualties (dead)		Person	2	3	2	134	0	13	2	4	6	16	8	2	5	2	6			
321	Number of traffic accident casualties (injuries)		Person	1	3	0	90	0	1	0	2	1	1	2	13	14	5	10			

Code	Indicator name	Actual definition used/ difference from the suggested definition	Unit/scale of measurement	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018p	Activity source of data [regulatory/administrative reporting system, census, survey]	Institutional source of data [Official agency source]	Notes/ Remarks									
F. GHG emissions																														
322	Total GHG emissions		Million ton	0.849	0.623	0.783	0.895	0.910	0.921	0.982	1.072	1.264	1.354							Reporting System										
323	Transport GHG emissions per capita		Ton per capita	0.014	0.010	0.012	0.014	0.014	0.015	0.015	0.017	0.020	0.021							Ministry of Transport Statistics System	ONEP	2014-2015 data is currently being processed. It will be completed by December 2019.								
324	Passenger transport GHG per PKM by transport mode		Ton per PKM	1.53E-06	1.07E-06	1.72E-06	1.67E-06	1.78E-06	1.52E-06	1.56E-06	1.37E-06	1.48E-06	1.41E-06																	
325	Freight transport GHG per TKM by transport mode		Ton per TKM	2.30E-06	1.50E-06	2.69E-06	3.20E-06	4.03E-06	3.58E-06	2.81E-06	2.55E-06	3.07E-06	4.74E-06																	

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\* We have improved air transport data by

- change main source of data to CAAT because Thailand have changed air transport regulatory organization.
- revised old data from DOA and AOT.