

APPENDIX TABLE 6-24 

**Value added of railroad and other transportation equipment, by region, country, or economy: 2001–16**

(Millions of current dollars)

Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
World	32,387	34,542	39,490	44,637	48,967	54,612	64,727	75,205	71,542	79,972	87,220	89,286	88,885	97,443	92,415	94,031
North America																
Canada	1,518	1,428	1,439	1,384	1,679	1,827	1,786	1,778	1,523	1,414	1,883	1,828	1,761	2,096	1,948	1,778
Mexico	317	351	368	487	548	498	561	595	322	347	714	976	1,012	1,197	1,510	1,418
United States	8,954	8,820	9,215	10,432	12,378	14,090	16,842	18,698	16,885	15,394	15,258	13,863	14,681	15,500	13,530	13,051
Central and South America																
Argentina	28	13	15	20	25	27	32	35	33	33	32	28	28	24	22	19
Bolivia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Brazil	626	568	664	1,062	1,542	2,263	3,126	3,670	2,769	4,041	3,977	2,913	2,784	2,835	2,107	1,921
Chile	6	5	6	4	6	5	5	5	8	9	9	10	13	14	9	9
Colombia	63	72	77	100	126	178	217	224	216	270	356	406	464	480	415	378
Costa Rica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ecuador	19	20	21	23	22	22	23	27	32	33	35	39	42	52	52	49
Honduras	4	5	5	5	6	6	7	8	8	8	9	11	10	10	10	11
Panama	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peru	33	37	38	49	57	65	75	86	85	104	120	125	130	108	99	97



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Uruguay	1	1	2	2	3	4	5	6	1	2	2	2	2	1	1	1
Venezuela	6	4	4	5	6	8	9	14	17	10	12	15	14	11	18	4
Europe																
EU	6,391	7,308	8,972	9,734	10,140	11,258	13,790	15,997	13,473	13,496	14,225	13,087	13,287	13,912	12,346	12,297
Austria	278	414	585	542	526	794	959	1,209	858	965	1,049	893	899	861	600	626
Belgium	55	58	70	77	78	75	105	100	89	88	92	84	87	86	81	81
Bulgaria	5	7	12	14	23	27	38	14	27	20	24	22	18	19	18	18
Czech Republic	120	156	209	222	251	274	389	484	524	504	599	546	586	620	578	598
Denmark	75	87	91	122	138	129	108	176	108	127	109	77	81	86	96	97
Finland	55	64	87	87	121	99	113	130	90	82	84	82	112	106	92	91
France	436	627	595	759	910	999	1,475	1,435	1,340	1,458	1,166	1,142	1,251	1,231	1,076	1,096
Germany	1,249	1,395	1,891	1,898	2,233	2,333	2,962	3,163	2,576	2,826	3,025	2,881	3,061	3,421	3,030	3,104
Greece	29	33	38	46	36	42	62	65	61	127	102	40	46	46	133	138
Hungary	31	55	80	94	85	71	117	204	102	104	122	101	118	143	112	106
Ireland	18	16	18	22	21	23	29	24	14	13	9	10	9	4	4	4
Italy	1,094	1,343	1,651	1,961	1,642	1,758	2,197	2,524	2,007	1,800	1,804	1,445	1,313	1,427	1,178	1,216
Netherlands	148	162	192	197	208	202	359	333	302	284	289	273	271	282	266	256
Poland	231	199	246	341	356	336	431	524	421	394	600	495	520	474	450	406
Portugal	132	172	211	221	215	224	262	678	457	433	443	422	140	121	99	101



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Romania	63	56	97	105	130	187	260	333	228	168	216	200	145	176	141	133
Slovakia	0	0	0	0	0	0	39	55	32	94	79	90	79	83	67	71
Spain	928	791	913	1,006	1,248	1,399	1,571	2,068	1,782	1,606	1,641	1,518	1,369	1,425	1,014	1,065
Sweden	194	282	391	361	408	445	545	536	554	558	709	621	644	625	581	539
United Kingdom	1,251	1,390	1,595	1,661	1,511	1,842	1,770	1,943	1,899	1,843	2,064	2,145	2,540	2,676	2,730	2,553
Other Europe																
Norway	22	18	28	40	48	82	88	90	79	65	76	82	90	89	72	69
Russia	154	195	243	341	449	576	884	1,010	2,037	2,389	3,400	3,434	3,302	3,081	422	511
Switzerland	108	128	161	192	200	224	253	309	299	445	682	670	706	710	657	601
Turkey	67	49	105	208	192	164	186	221	259	258	291	210	178	150	126	116
Ukraine	73	105	160	245	331	449	581	739	795	1,123	1,486	1,563	743	453	123	119
Middle East																
Bahrain	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
Iran	78	121	144	192	210	285	154	134	113	124	189	142	107	117	112	123
Israel	105	92	95	112	114	486	609	798	778	748	832	803	915	983	978	1,047
Jordan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kuwait	1	2	2	3	4	3	5	9	9	10	13	11	10	11	8	8
Oman	0	0	0	0	0	0	0	0	0	1	2	1	1	1	0	0
Qatar	1	1	1	3	3	4	2	1	1	9	13	16	16	17	16	16



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Saudi Arabia	49	51	62	67	78	89	118	122	128	158	174	185	184	202	165	147
United Arab Emirates	2	2	2	3	3	3	4	4	4	4	5	5	5	5	5	5
Africa																
Cameroon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Egypt	14	13	11	14	16	18	22	28	31	32	31	20	12	39	242	216
Ghana	3	4	5	5	7	8	8	8	7	8	10	9	9	8	7	7
Kenya	12	12	15	19	15	19	13	14	14	11	13	14	15	16	16	17
Morocco	7	10	11	12	19	23	49	66	56	61	63	42	82	100	81	80
Nigeria	33	46	52	66	93	134	161	211	193	254	336	408	543	654	566	340
Senegal	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
South Africa	100	109	144	168	171	179	194	188	223	235	231	218	196	184	190	177
Tunisia	2	2	3	4	4	6	4	5	5	5	6	5	5	6	5	5
Asia																
Bangladesh	9	13	18	23	30	33	34	43	62	76	77	81	100	232	487	547
China	4,574	5,695	6,001	6,189	7,341	7,750	9,815	13,392	14,427	17,594	21,187	25,071	27,759	34,108	36,284	38,387
India	769	921	1,207	1,498	1,784	2,093	2,420	2,466	3,177	4,374	4,325	4,057	4,125	4,394	4,516	4,787
Indonesia	1,399	1,823	2,336	2,860	2,163	1,936	2,018	2,975	3,119	4,150	5,554	4,994	4,238	4,237	4,011	4,372
Japan	4,159	3,294	4,241	5,030	4,473	4,468	4,239	3,712	4,062	4,735	3,118	4,672	2,518	2,704	2,680	2,979
Malaysia	26	26	28	35	45	48	53	76	53	77	81	133	128	141	133	125



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Pakistan	13	14	19	28	33	154	166	184	162	168	174	168	138	148	144	144
Philippines	50	57	59	67	80	84	150	337	374	421	376	505	464	492	576	598
Singapore	53	60	58	74	84	79	142	181	163	248	304	301	326	289	253	255
South Korea	325	529	504	383	499	552	777	860	802	913	768	628	651	759	710	625
Sri Lanka	18	22	25	28	36	236	119	65	65	67	80	80	92	110	112	114
Taiwan	1,157	1,349	1,445	1,467	1,511	1,258	1,667	1,988	1,639	1,797	2,066	2,113	2,125	2,267	2,384	2,046
Thailand	549	586	751	927	1,127	1,415	1,531	1,548	1,167	1,803	2,069	2,270	2,045	1,696	1,687	1,716
Vietnam	164	200	230	349	506	750	862	1,393	1,042	1,397	1,325	1,390	1,436	1,491	1,530	1,645
Australia and Oceania																
Australia	186	196	283	429	479	502	595	618	604	772	936	1,412	1,118	1,025	816	811
New Zealand	132	163	213	248	281	252	325	266	221	276	292	269	272	282	235	240

EU = European Union.

**Note(s)**

Value added is the amount contributed by a country, firm, or other entity to the value of a good or service and excludes purchases of domestic and imported materials and inputs. Data are not available for EU members Cyprus, Estonia, Latvia, Lithuania, Luxembourg, Malta, and Slovenia. China includes Hong Kong. Detail may not add to total because of rounding or minor discrepancies. See Appendix Table 6-1 for a full list of countries and economies in each region.

**Source(s)**

IHS Global Insight, World Industry Service database, accessed 17 July 2017.

*Science and Engineering Indicators 2018*