

Table 70. Transport on railway and mass rapid transit

Year	Passenger traffic volume						
	No. of passengers (1,000 Person-times)					Passenger-kilometers (1,000 Passenger-kms)	Taiwan Railways Administration
		Taiwan Railways Administration	Taipei Rapid Transit Corp.	Taiwan High Speed Rail	Kaohsiung Rapid Transit Corp.		
1952	32 493	64 937	-	-	-	1 933 936	1 749 772
1981	131 667	130 737	-	-	-	7 981 908	7 946 881
1991	137 785	137 124	-	-	-	8 621 006	8 611 316
2001	476 214	186 079	289 643	-	-	12 268 691	10 036 882
2011	864 491	205 829	566 404	41 629	49 637	22 825 848	9 719 605
2012	925 243	220 297	602 199	44 526	56 480	24 207 701	10 185 549
2013	972 332	227 287	634 961	47 487	60 706	25 322 755	10 513 137
2014	1 024 083	232 826	679 506	48 025	61 308	26 339 952	11 037 421
2015	1 062 853	232 217	717 512	50 562	60 203	27 110 886	11 114 977
2016	1 092 127	230 365	739 990	56 586	63 103	27 949 684	10 967 847
2017	1 122 946	232 806	746 067	60 571	64 321	29 003 962	11 016 324
2018	1 153 529	231 268	765 470	63 963	68 085	29 624 218	10 864 841
2019	1 194 660	236 151	789 599	67 411	68 739	30 455 602	11 045 601
2020	1 030 674	203 521	695 651	57 239	50 890	25 566 403	9 314 224
2021	792 383	154 927	531 120	43 460	40 453	19 539 931	7 030 030
Year	Passenger traffic volume			Freight traffic volume (1)			
	Passenger-kilometers (1,000 Passenger-kms)			Freight tonnage (1,000 MTs)	Taiwan Railways Administration	Ton-kilometers (1,000 Ton-kms)	Taiwan Railways Administration
	Taipei Rapid Transit Corp.	Taiwan High Speed Rail	Kaohsiung Rapid Transit Corp.				
1952	-	-	-	17 089	8 231	1 253 832	1 158 549
1981	-	-	-	31 723	16 906	2 527 131	2 392 595
1991	-	-	-	26 256	16 417	1 961 142	1 903 945
2001	2 223 487	-	-	19 287	12 371	1 009 863	984 633
2011	4 607 794	8 147 869	346 198	14 451	10 661	853 362	847 707
2012	4 973 667	8 641 573	400 730	13 905	10 873	833 102	828 475
2013	5 232 349	9 118 060	452 085	11 167	10 659	729 178	727 279
2014	5 589 414	9 235 162	465 106	11 223	11 012	683 452	681 421
2015	5 880 980	9 654 961	446 870	11 117	10 910	636 213	634 220
2016	6 016 179	10 488 340	464 232	9 387	9 215	563 955	562 276
2017	6 039 704	11 103 359	481 384	7 971	7 764	514 520	512 372
2018	6 201 186	11 558 787	536 466	7 878	7 720	544 016	542 497
2019	6 361 118	11 994 453	500 240	7 479	7 313	518 207	516 578
2020	5 656 505	9 912 062	377 114	7 506	7 255	497 029	494 951
2021	4 373 449	7 568 788	321 911	6 835	6 609	447 135	444 969

Note: (1) Excluding the data baggages and package

Source: Ministry of Transportation and Communications

Table 70. Transport on railway and mass rapid transit (continued)

Year	Efficiency of seat utilization (%)					Mileages (4) (Kms)			
	Taiwan Railways Administration					Taiwan High Speed Rail	Taiwan Railways Administration	Taiwan High Speed Rail	
	Avg.	Tze-chiang Limited Express	Chu-kuang Limited Express	Local train (2)	Ordinary train (3)				
1952	-	-	-	-	-	-	940	-	
1981	-	-	-	-	-	-	1 091	-	
1991	57.9	96.6	78.5	57.8	29.7	-	1 045	-	
2001	68.5	84.3	72.2	65.5	25.8	-	1 097	-	
2011	63.6	75.2	54.6	58.2	9.7	51.6	1 087	340	
2012	66.1	76.8	57.2	61.3	11.8	54.6	1 067	340	
2013	66.9	76.3	57.2	62.9	12.9	57.5	1 061	340	
2014	66.2	74.9	52.1	63.3	16.0	57.1	1 065	340	
2015	64.5	73.2	47.6	61.4	12.8	59.7	1 065	340	
2016	63.3	70.3	42.9	61.9	11.4	63.5	1 065	348	
2017	65.1	70.9	43.4	64.3	20.3	65.2	1 065	348	
2018	64.2	68.6	40.7	64.8	21.5	67.0	1 065	348	
2019	65.6	70.1	40.7	66.1	27.5	68.0	1 065	348	
2020	55.2	58.1	32.7	56.7	31.2	56.9	1 065	348	
2021	43.0	45.5	25.1	43.5	97.0	49.9	1 065	348	

Year	Total railroad accidents and casualties		Taiwan Railways Administration		Taiwan High Speed Rail		Mass rapid transit	
	Accidents (Cases)	Casualties (Persons)	Accidents (Cases)	Casualties (Persons)	Accidents (Cases)	Casualties (Persons)	Accidents (Cases)	Casualties (Persons)
1952	-	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-
2001	878	290	857	279	-	-	18	1
2011	826	215	812	87	2	-	11	8
2012	684	107	639	101	35	1	8	6
2013	696	91	632	85	40	-	10	6
2014	646	65	590	59	38	-	11	4
2015	660	91	618	88	29	-	7	3
2016	609	75	547	71	48	-	7	2
2017	569	54	509	50	39	-	8	1
2018	701	344	656	343	30	-	4	-
2019	755	44	714	36	21	6	6	-
2020	669	67	633	61	25	1	5	-
2021	730	394	702	394	16	-	10	-

Note: (2) Including Fu-Hsing Semi Express

(3) Ordinary trains have not provided regular service since Dec. 23, 2020.

(4) The data is end of year.