



The main figures of public transport in Catalonia

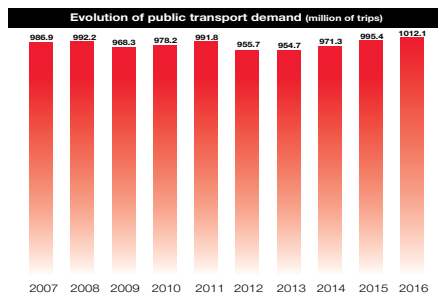
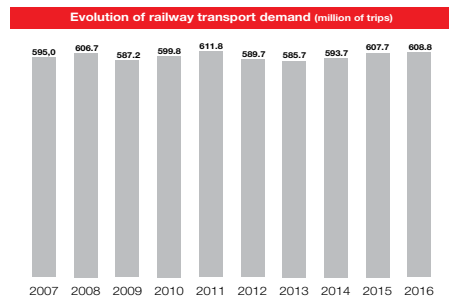
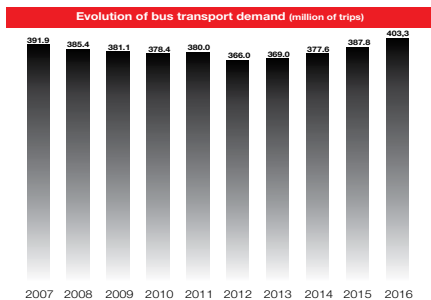
Year 2016

Public Transport Data in Catalonia

Basic data by mode of transport and operator Demand indicators

Anual Demand (millions of trips)	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Δ16/15 %	Δ16/07 %
Bus Transport												
TMB buses (Barcelona urban bus)	210.5	194.9	196.0	189.4	188.4	180.0	183.0	184.3	187.8	195.8	4.3%	-7.0%
AMB buses (interurban buses in the Metropolitan Area)	71.6	74.5	73.5	73.4	75.2	73.4	74.6	79.7	83.1	86.6	4.3%	21.0%
Interurban buses of Catalonia Government	49.3	53.1	48.9	52.9	53.3	53.1	53.8	55.9	57.1	59.8	4.8%	21.3%
AMTU (Urban buses in the Metropolitan Area of Barcelona)	40.0	41.1	40.6	40.7	40.9	38.7	38.1	38.1	39.1	39.8	1.9%	-0.5%
Urban buses Girona, Lleida, Tarragona i Reus	20.5	21.8	22.1	22.0	22.2	20.8	19.6	19.7	20.8	21.3	2.6%	4.1%
Total bus	391.9	385.4	381.1	378.4	380.0	366.0	369.0	377.6	387.8	403.3	4.0%	2.9%
Railway Transport												
Metro	366.4	376.4	361.7	381.2	389.0	373.5	369.9	375.7	385.0	381.5	-0.9%	4.1%
Barcelona suburban railway	117.1	114.4	110.1	103.7	106.2	105.9	105.1	105.2	106.6	108.3	1.6%	-7.5%
Camp Tarragona suburban railway (*)	-	-	-	-	-	-	-	0.1	0.2	0.2	7.1%	-
Girona suburban railway (*)	-	-	-	-	-	-	-	0.1	0.4	0.5	8.9%	-
Regional railway	11.2	11.4	10.8	10.5	11.1	11.0	10.1	9.5	9.2	8.9	-3.5%	-20.6%
AVANT (High-speed railway)	-	-	0.5	0.5	0.5	0.5	1.3	1.4	1.1	1.2	7.6%	-
FGC (Interurban railway of Catalonia Government)	79.3	81.3	80.1	80.1	80.8	75.1	75.5	77.2	79.7	81.4	2.1%	2.6%
Tramway	20.9	23.2	23.9	23.8	24.2	23.7	23.8	24.5	25.4	26.8	5.5%	28.3%
Total railway	595.0	606.7	587.2	599.8	611.8	589.7	585.7	593.7	607.7	608.8	0.2%	2.3%
Total Public Transport	986.9	992.2	968.3	978.2	991.8	955.7	954.7	971.3	995.4	1012	1.7%	2.6%

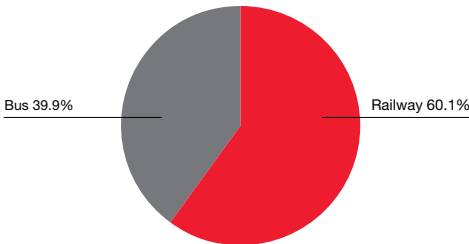
(*) The Tarragona and Girona suburban railway services were introduced in March 2014.



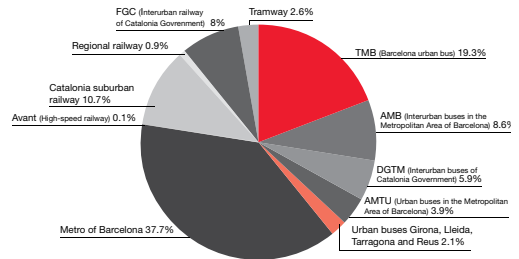
Public Transport Data in Catalonia

Basic data by mode of transport and operator Demand Indicators

Distribution of trips by mode of transport



Distribution of trips by operator



Supply indicators

Bus supply indicators	Lines	Δ16/15 %	Network length (km)	Δ16/15 %	Veh-km (millions of Km)	Δ16/15 %	Vehicles in service	Δ16/15 %	% Vehicles adapted for disabled	Δ16/15 %	Fleet average age	Δ16/15 %
TMB buses (Barcelona urban bus)	99	-1,0%	857,1	-1,8%	40,6	1,2%	834	0,0%	100,0%	0,0%	10,1	4,8%
AMB buses (interurban buses in the Metropolitan Area)	107	0,0%	1.372,3	1,4%	37,7	0,8%	614	1,7%	100,0%	0,0%	7,4	16,3%
Interurban buses of Catalonia Government	767	1,9%	15.360,5	1,6%	87,1	7,7%	1.356	16,2%	85,5%	-1,8%	7,0	-1,4%
AMTU (Urban buses in the Metropolitan Area of Barcelona)	128	1,6%	1.146,0	0,9%	13,6	2,0%	243	1,3%	100,0%	0,0%	10,7	5,9%
Urban buses Girona, Lleida, Tarragona i Reus	52	-5,5%	614,3	-12,0%	7,4	2,5%	163	-1,2%	98,1%	0,0%	10,6	4,0%
Total bus	1.153	1,1%	19.350	0,9%	186,0	4,2%	3.210	6,6%	93,8%	-1,2%	8,3	3,5%

Railway supply indicators	Lines	Δ16/15 %	Network length (km) (**)	Δ16/15 %	Trains in peak hour per direction	Δ16/15 %	Carriages-km (millions of km)	Δ16/15 %	Stations (***)	Δ16/15 %
Metro	8	14,3%	119,0	16,0%	128	6,7%	85,8	4,3%	156	10,6%
Barcelona suburban railway	6	0,0%	538,8	0,0%	36	0,0%	104,4	0,1%	123	0,0%
Camp Tarragona suburban railway	2	-	87,9	-	2	-	0,6	-16,3%	13	-
Girona suburban railway	1	-	97,1	-	1	-	2,1	-3,0%	18	-
Regionals railway (*)	6	0,0%	783,6	0,0%	-	-	32,0	-5,0%	128	0,0%
AVANT (High-speed railway)	2	0,0%	309,0	0,0%	-	-	-	-	5	0,0%
FGC (Interurban railway of Catalonia Government)	3	0,0%	234,9	0,0%	50	0,0%	32,6	0,0%	98	3,2%
Tramway	6	0,0%	29,1	0,0%	23	0,0%	2,5	1,6%	56	0,0%
Total railway	34	3,0%	1.498,2	1,1%	240	3,4%	260,2	0,7%	516	3,0%

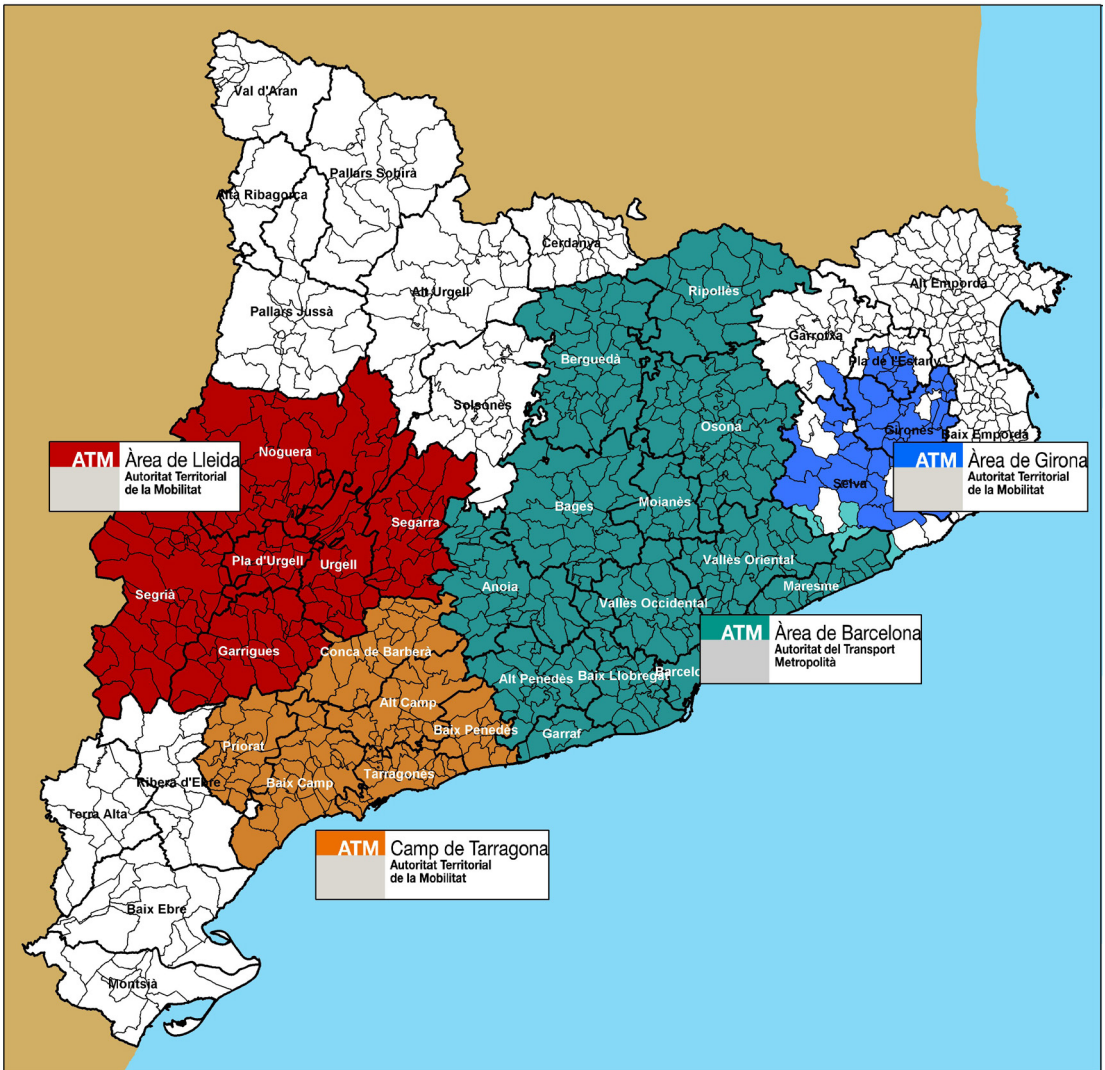
(*) Only includes data from intracommunity trains.

(**) The total length of lines operated by Renfe without duplicities is 1,115.2 km.

(***) The total number of stations for the Catalonia suburban railway, regional railway and AVANT (High-speed railway) has taken into account the duplicities, therefore the stations for these three operators are 206.

Public Transport Data in Catalonia

Basic data for fare integration areas Catalonia global data



Year 2016	Catalonia global data	Within the fare integration areas	
Population (inhabitants) (*)	7.448.332	6.848.220	91,9%
Number of municipalities (*)	948	663	69,9%
Surface (Km²) (*)	31.985,0	18.746,4	58,6%
Public transport trips (millions)	1012,1	989,4	97,8%

(*) The coincident municipalities in more of one fare integration area haven't been duplicated to calculate population, number of municipalities and surface into fare integration system.

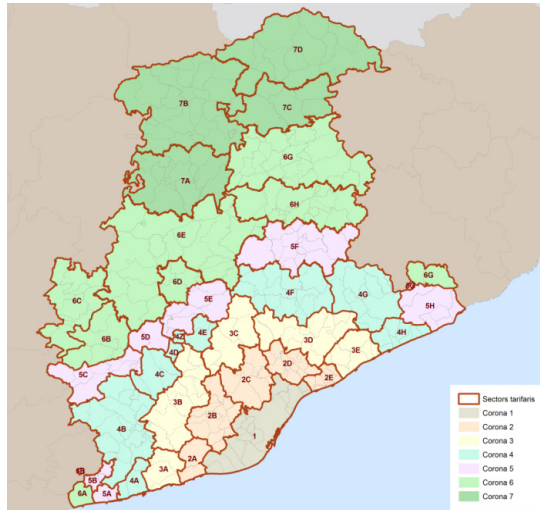
Public Transport Data in Catalonia

Basic data for fare integration areas

ATM	Àrea de Barcelona Autoritat del Transport Metropolità	Creation of Metropolitan Transport Authority	March 1997
		Implantation of the fare integration	January de 2001

Fare integration indicators

Population	Inhabitants	5.711.003
Municipalities	Number of municipalities	346
Superfície	Km ²	9.067,6
Demand	Number of total trips in public transport (millions)	954,508
	Number of trips in integrated areas (millions)	694,624
Introduction	% global introduction	72,8%



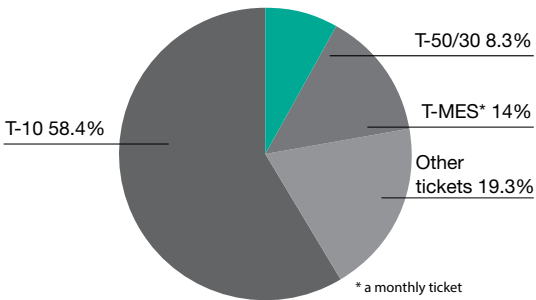
Public Transport Data in Catalonia

Basic data for fare integration areas

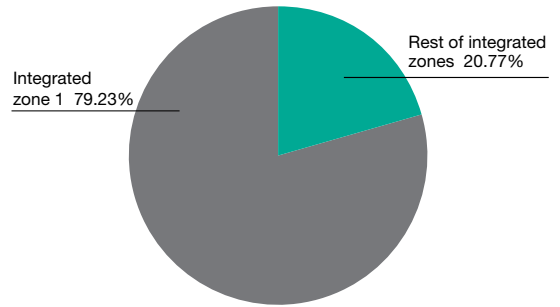
Specific data

ATM Àrea de Barcelona
Autoritat del Transport
Metropolità

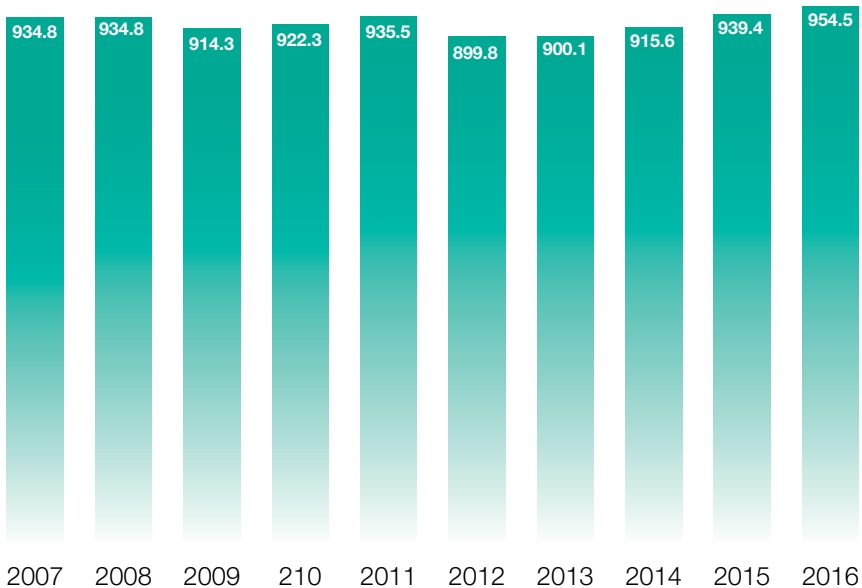
Distribution of integrated tickets by type



Distribution of integrated trips by zone



Demand evolution of the total integrated area (million of trips)



Public Transport Data in Catalonia

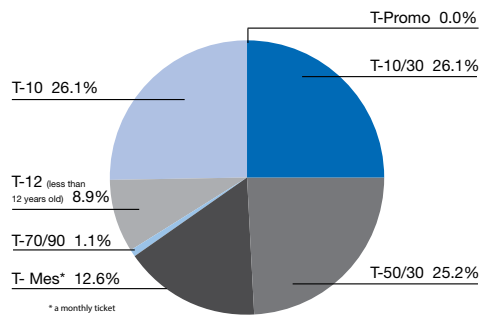
Basic data for fare integration areas

ATM	Àrea de Girona Autoritat Territorial de la Mobilitat	Creation of Metropolitan Transport Authority	August 2006
		Implantation of the fare integration	June 2008

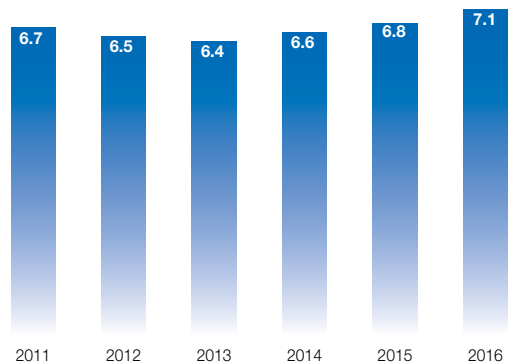
Fare integration indicators

Population	Inhabitants	259.218
Municipalities	Number of municipalities	43
Surface	Km ²	1.238,2
Demand	Number of total trips in public transport (millions)	7,094
	Number of total trips in integrated areas (millions)	3,080
Introduction	% use of total integrated tickets	43,4%
	% use of integrated tickets in urban transport (TMG)	38,9%
	% use of integrated tickets in urban transport-TEISA	43,0%
	% use of integrated tickets in interurban transport	53,7%

Distribution of integrated tickets by type



Demand evolution of the total integrated area (million of trips)



Public Transport Data in Catalonia

Basic data for fare integration areas

ATM Àrea de Lleida
 Autoritat Territorial
 de la Mobilitat

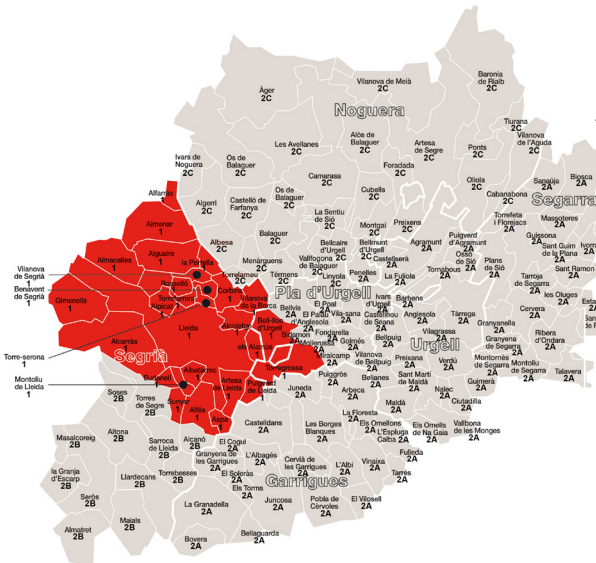
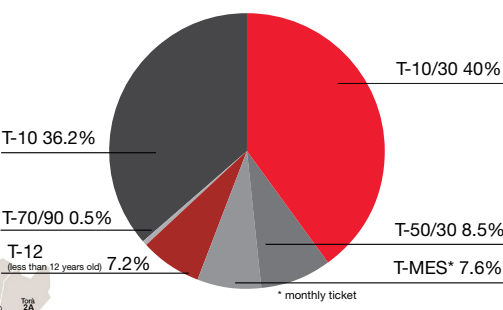
**Creation of Metropolitan
 Transport Authority** **Setembre 2005**

**Implementation of the
 fare integration** **March 2008**

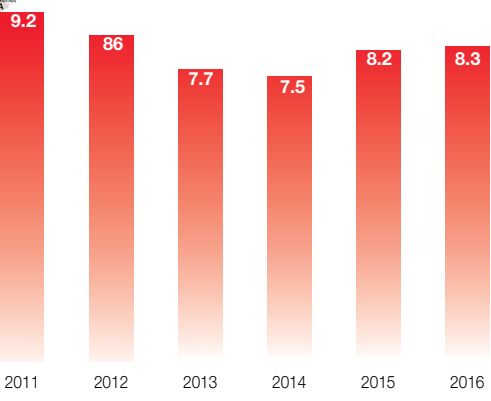
Fare integration indicators

Population	Inhabitants	357.120
Municipalities	Number of municipalities	149
Surface	Km ²	5.585,8
Demand	Number of total trips in public transport (millions)	8,306
	Number of total trips in integrated areas (millions)	3,614
Introduction	% use of total integrated tickets	43,5%
	% use of integrated tickets in urban transport	33,2%
	% use of integrated tickets in interurban transport	76,0%
	% use of integrated tickets in FGC (Interurban railway of Catalonia Government)	59,6%

Distribution of integrated tickets by type



Demand evolution of the total integrated area (million of trips)



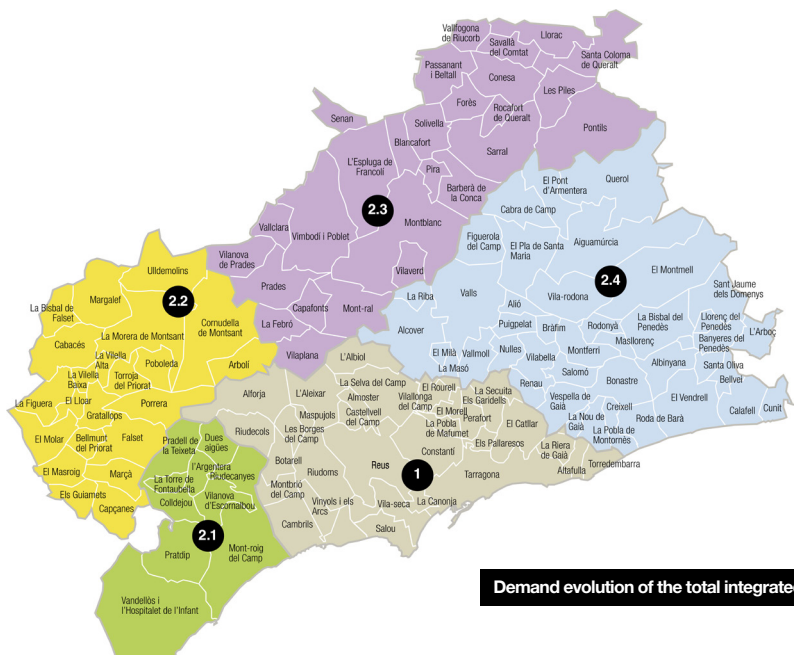
Public Transport Data in Catalonia

Basic data for fare integration areas

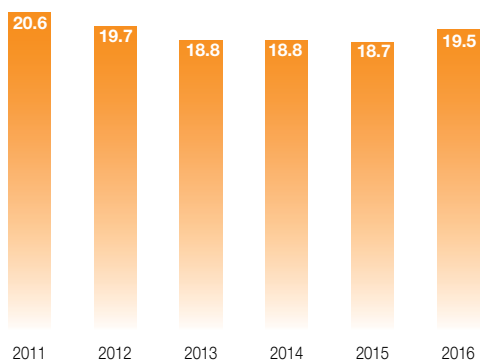
ATM Camp de Tarragona Autoritat Territorial de la Mobilitat	Creation of Metropolitan Transport Authority	April 2003
	Implementation of the fare integration	October 2008

Fare integration indicators

Population	Inhabitants	611.444
Municipalities	Number of municipalities	132
Surface	Km ²	2.999,0
Demand	Number of total trips in public transport (millions)	19,476
	Number of total trips in integrated areas (millions)	6,460
Introduction	% use of total integrated tickets	33,2%
	% use of integrated tickets in urban transport	12,6%
	% use of integrated tickets in interurban transport	64,6%



Demand evolution of the total integrated area (million of trips)



Distribution of integrated tickets by type

