



The main figures of public transport in Catalonia

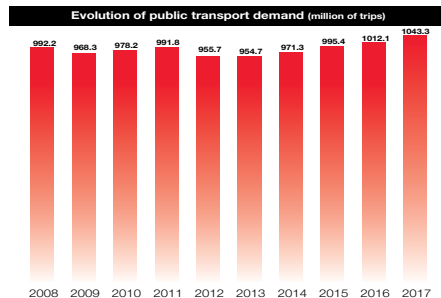
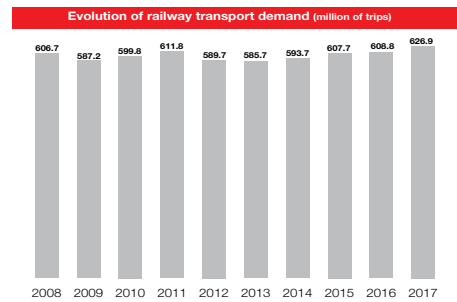
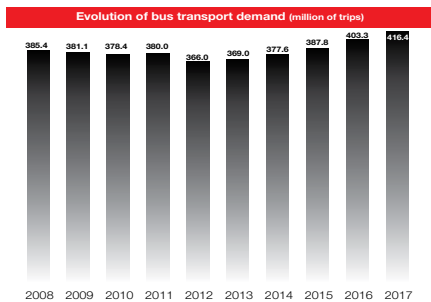
Year 2017

Public Transport Data in Catalonia

Basic data by mode of transport and operator Demand indicators

Anual Demand (millions of trips)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Δ17/16 %	Δ17/08 %
Bus Transport												
TMB buses (Barcelona urban bus)	194.9	196.0	189.4	188.4	180.0	183.0	184.3	187.8	195.8	202.0	3.2%	3.6%
AMB buses (interurban buses in the Metropolitan Area)	74.5	73.5	73.4	75.2	73.4	74.6	79.7	83.1	86.6	90.0	3.9%	20.8%
Interurban buses of Catalonia Government	53.1	48.9	52.9	53.3	53.1	53.8	55.9	57.1	59.8	61.1	2.1%	15.0%
AMTU (Urban buses in the Metropolitan Area of Barcelona)	41.1	40.6	40.7	40.9	38.7	38.1	38.1	39.1	39.8	41.6	4.5%	1.2%
Urban buses Girona, Lleida, Tarragona i Reus	21.8	22.1	22.0	22.2	20.8	19.6	19.7	20.8	21.3	21.7	2.0%	-0.4%
Total bus	385.4	381.1	378.4	380.0	366.0	369.0	377.6	387.8	403.3	416.4	3.2%	8.0%
Railway Transport												
Metro	376.4	361.7	381.2	389.0	373.5	369.9	375.7	385.0	381.5	390.4	2.3%	3.7%
Barcelona suburban railway	114.4	110.1	103.7	106.2	105.9	105.1	105.2	106.6	108.3	113.5	4.8%	-0.8%
Camp Tarragona suburban railway (*)	-	-	-	-	-	-	0.1	0.2	0.2	0.3	27.5%	-
Girona suburban railway (*)	-	-	-	-	-	-	0.1	0.4	0.5	0.5	4.3%	-
Regional railway	11.4	10.8	10.5	11.1	11.0	10.1	9.5	9.2	8.9	8.8	-1.2%	-22.8%
AVANT (High-speed railway)	-	0.5	0.5	0.5	0.5	1.3	1.4	1.1	1.2	1.2	-2.3%	-
FGC (Interurban railway of Catalonia Government)	81.3	80.1	80.1	80.8	75.1	75.5	77.2	79.7	81.4	84.3	3.6%	3.7%
Tramway	23.2	23.9	23.8	24.2	23.7	23.8	24.5	25.4	26.8	28.0	4.4%	20.7%
Total railway	606.7	587.2	599.8	611.8	589.7	585.7	593.7	607.7	608.8	626.9	3.0%	3.3%
Total Public Transport	992.2	968.3	978.2	991.8	955.7	954.7	971.3	995.4	1012.1	1043.3	3.1%	5.2%

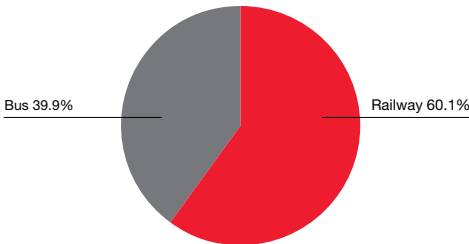
(*) The Tarragona and Girona suburban railway services were introduced in March 2014.



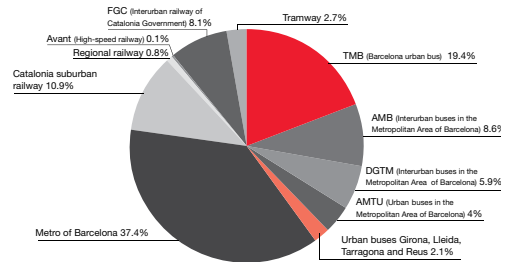
Public Transport Data in Catalonia

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	Δ17/16 %	Network length (km)	Δ17/16 %	Veh-km (millions of Km)	Δ17/16 %	Vehicles in service	Δ17/16 %	% Vehicles adapted for disabled	Δ17/16 %	Fleet average age	Δ17/16 %
TMB buses (Barcelona urban bus)	98	-1,0%	833,2	-2,8%	40,6	0,0%	856	2,6%	100,0%	0,0%	9,9	-2,0%
AMB buses (interurban buses in the Metropolitan Area)	106	-0,9%	1.370,6	-0,1%	37,7	1,1%	615	0,2%	100,0%	0,0%	8,3	12,2%
Interurban buses of Catalonia Government	780	1,7%	15.417,5	0,4%	88,7	1,8%	1.362	0,4%	87,2%	2,0%	7,1	1,1%
AMTU (Urban buses in the Metropolitan Area of Barcelona)	133	3,9%	1.183,1	3,2%	13,9	2,2%	267	9,9%	100,0%	0,0%	9,9	-7,5%
Urban buses Girona, Lleida, Tarragona i Reus	52	0,0%	628,5	2,3%	7,3	-1,0%	162	-0,6%	98,1%	0,0%	10,8	2,4%
Total bus	1.169	1,4%	19.433	0,4%	188,3	1,2%	3.262	1,6%	94,6%	0,8%	8,5	1,5%

Railway supply indicators	Lines	Δ17/16 %	Network length (km) (**)	Δ17/16 %	Trains in peak hour per direction	Δ17/16 %	Carriages-km (millions of km)	Δ17/16 %	Stations (***)	Δ17/16 %
Metro	8	0,0%	119,0	0,0%	132	3,1%	90,2	5,1%	156	0,0%
Barcelona suburban railway	6	0,0%	538,8	0,0%	36	0,0%	104,3	-0,1%	123	0,0%
Camp Tarragona suburban railway	2	0,0%	87,9	0,0%	2	0,0%	0,7	2,7%	13	0,0%
Girona suburban railway	1	0,0%	97,1	0,0%	1	0,0%	2,2	2,2%	18	0,0%
Regionals railway (*)	6	0,0%	783,6	0,0%	-	-	31,6	-1,4%	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%	238,0	1,3%	48	-4,0%	33	0,5%	98	0,0%
Tramway	6	0,0%	29,1	0,0%	23	0,0%	2,6	4,0%	56	0,0%
Total railway	34	0,0%	1.810,3	20,8%	242	0,8%	264,3	1,6%	516	0,0%

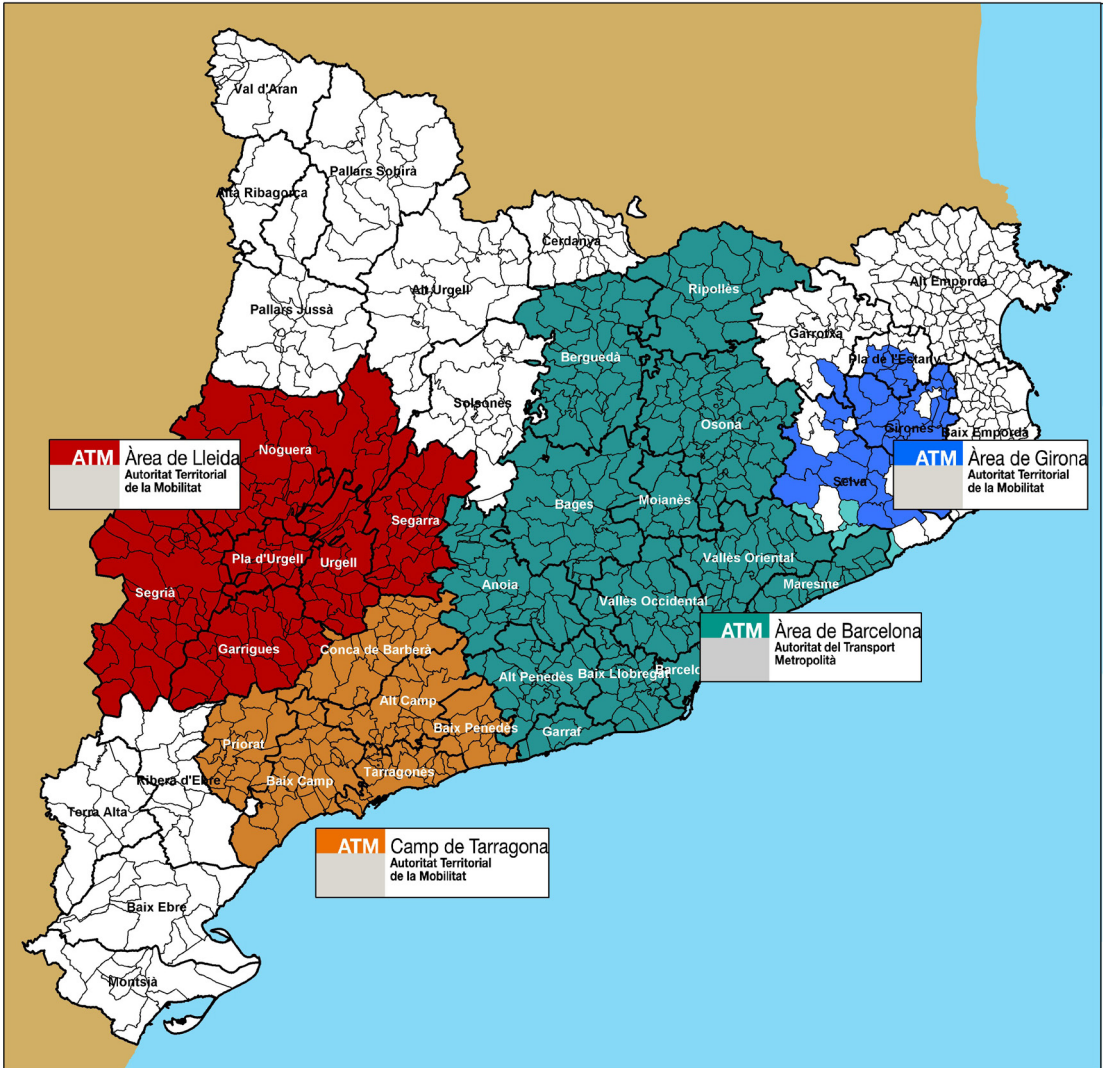
(*) Only includes data from intracommunity trains.

(**) 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 2017	Catalonia global data	Within the fare integration areas	
Population (inhabitants) (*)	7.555.830	6.888.576	91,2%
Number of municipalities (*)	948	665	70,1%
Surface (Km²) (*)	31.985,0	18.767,7	58,7%
Public transport trips (millions)	1043,3	1.022,1	98,0%

(*) 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.

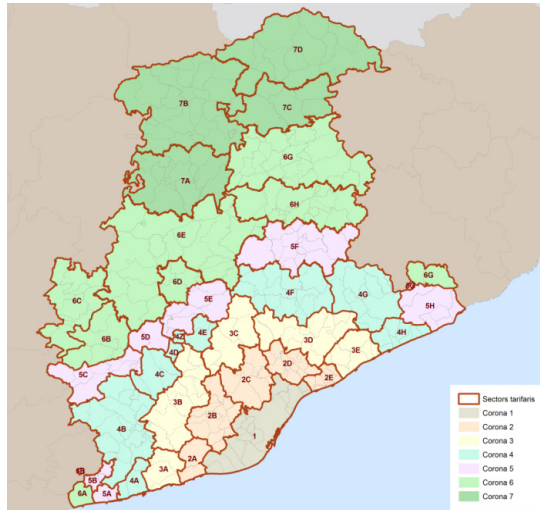
Public Transport Data in Catalonia

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	5.745.304
Municipalities	Number of municipalities	346
Surface	Km ²	9.067,6
Demand	Number of total trips in public transport (millions)	985,946
	Number of trips in integrated areas (millions)	725,482
Introduction	% global introduction	73,6%



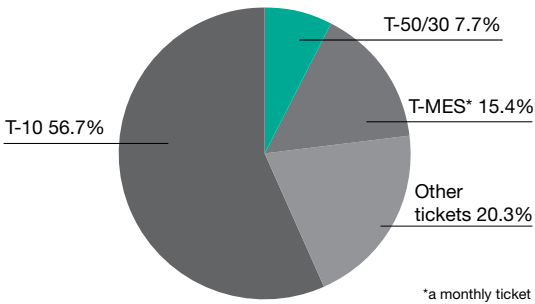
Public Transport Data in Catalonia

Basic data for fare integration areas

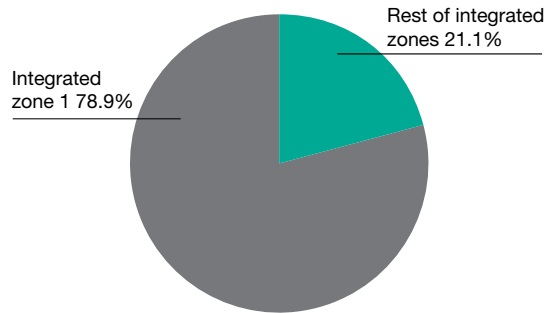
Specific data

ATM Àrea de Barcelona
Autoritat del Transport
Metropolità

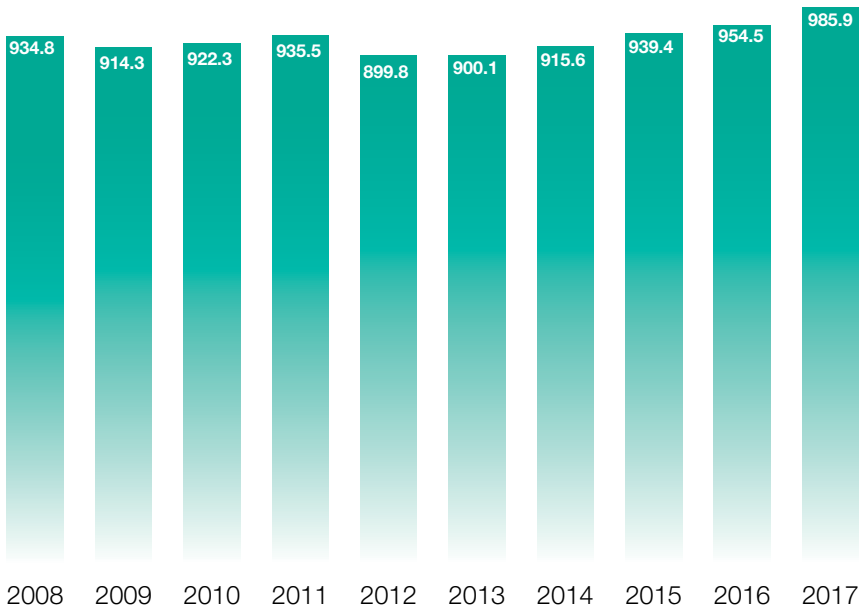
Distribution of integrated tickets by type



Distribution of integrated trips by zone



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



Public Transport Data in Catalonia

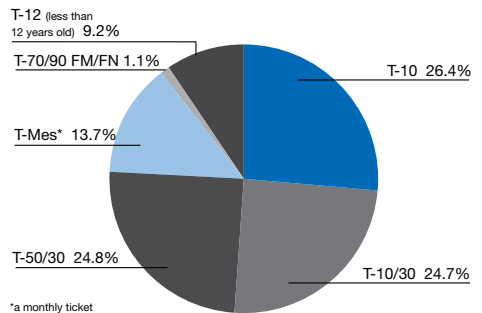
Basic data for fare integration areas

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

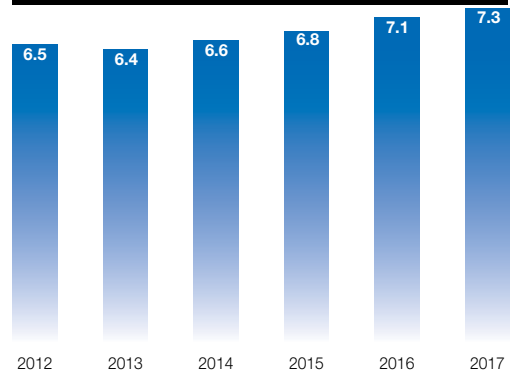
Fare integration indicators		
Population	Inhabitants	260.514
Municipalities	Number of municipalities	45
Surface	Km ²	1.259,8
Demand	Number of total trips in public transport (millions)	7,312
	Number of total trips in integrated areas (millions)	3,199
Introduction	% use of total integrated tickets	43,8%
	% use of integrated tickets in urban transport (TMG)	39,6%
	% use of integrated tickets in urban transport-TEISA	43,2%
	% use of integrated tickets in interurban transport	53,1%



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**

September 2005

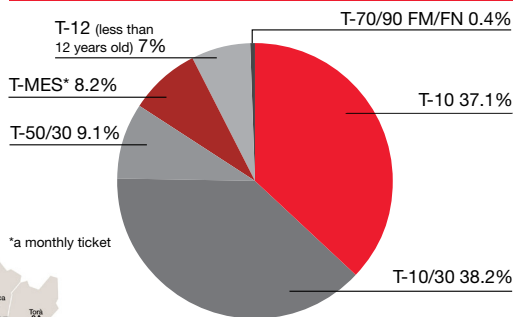
**Implementation of the
 fare integration**

March 2008

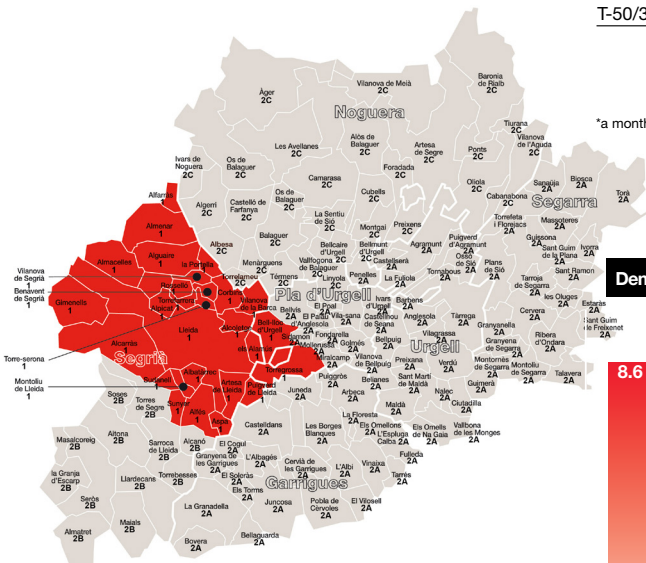
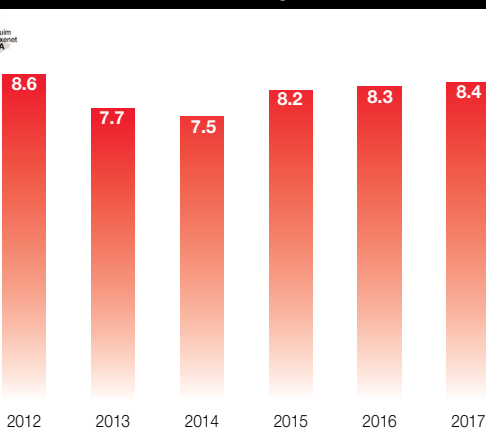
Fare integration indicators

Population	Inhabitants	361.138
Municipalities	Number of municipalities	149
Surface	Km ²	5.585,8
Demand	Number of total trips in public transport (millions)	8,358
	Number of total trips in integrated areas (millions)	3,595
Introduction	% use of total integrated tickets	43,0%
	% use of integrated tickets in urban transport	32,2%
	% use of integrated tickets in interurban transport	75,8%
	% use of integrated tickets in FGC (Interurban railway of Catalonia Government)	61,6%

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

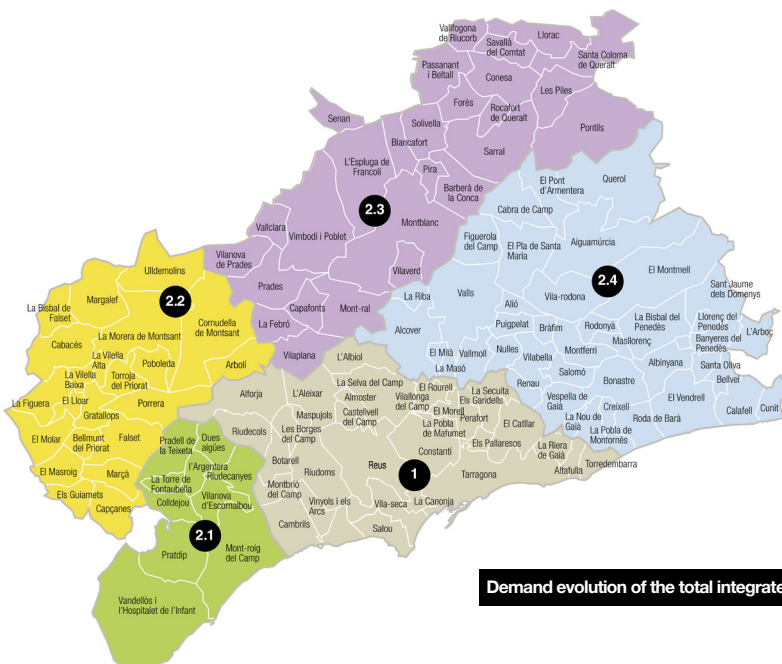
April 2003

Implementation of the
fare integration

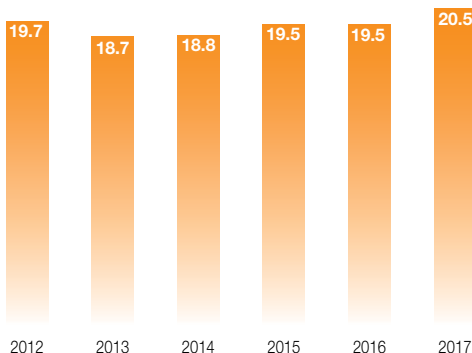
October 2008

Fare integration indicators

Population	Inhabitants	612.185
Municipalities	Number of municipalities	132
Surface	Km ²	2.999,0
Demand	Number of total trips in public transport (millions)	20,472
	Number of total trips in integrated areas (millions)	7,040
Introduction	% use of total integrated tickets	34,4%
	% use of integrated tickets in urban transport	13,3%
	% use of integrated tickets in interurban transport	65,2%



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



Distribution of integrated tickets by type

