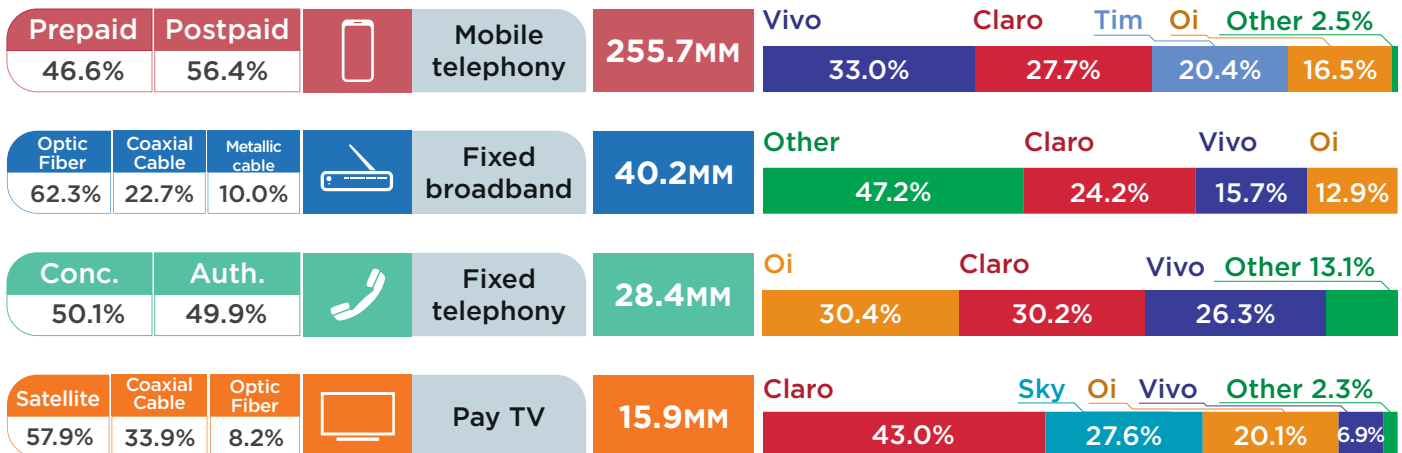


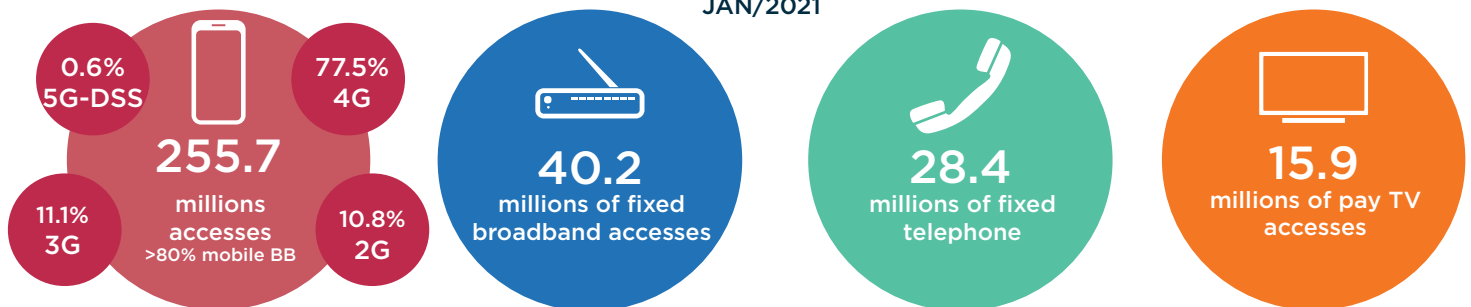


OVERVIEW OF TELECOMMUNICATIONS IN BRAZIL JAN/2022



340.1 Millions

contracts of telecom services in
JAN/2021



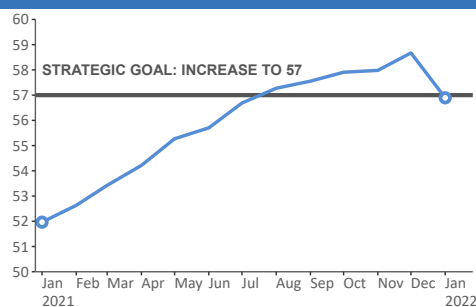
103.9 density of Mobile Telephony per 100 inhabitants in Brazil

19.0 density of Fixed broadband per 100 inhabitants in Brazil

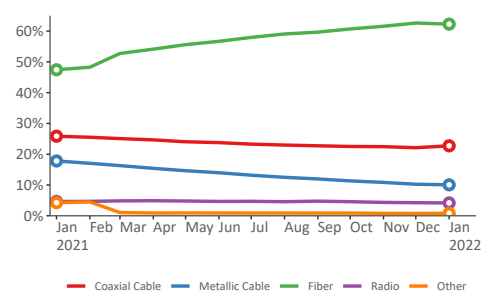
13.4 density of Fixed Telephone per 100 inhabitants in Brazil

7.5 density of Pay TV per 100 inhabitants in Brazil

Density of Fixed Broadband



Technological Evolution of Fixed Broadband



Market Concentration* of Fixed Broadband



Market Concentration* of Mobile Telephony



* Market Concentration is calculated using [Herfindahl-Hirschman Index \(HHI\)](#).

MOBILE TELEPHONY, PER GROUP AND TECHNOLOGY							
Mobile telephony	Group	Accesses	5G-DSS	4G	3G	2G	Market Share
	VIVO	84,274,053	547,859	62,317,902	8,450,371	12,957,921	33.0%
	CLARO	70,789,192	666,900	52,893,361	14,001,746	3,227,185	27.7%
	TIM	52,136,071	316,988	46,470,921	2,376,942	2,971,220	20.4%
	OI	42,204,793	0	32,245,971	3,165,860	6,792,962	16.5%
	Other	6,264,460	0	4,317,693	405,494	1,541,273	2.5%
	TOTAL	255,668,569	1,531,747	198,245,848	28,400,413	27,490,561	100.0%
PERCENTAGE	100%	0.6%	77.5%	11.1%	10.8%		

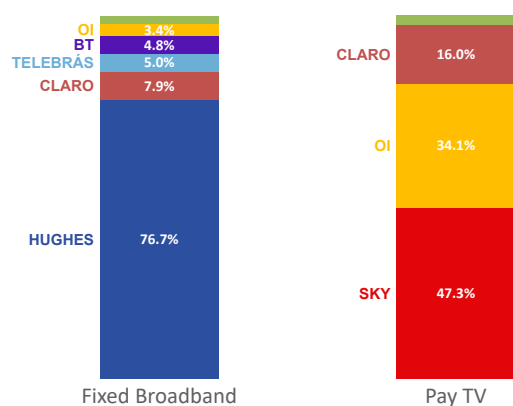
Fixed broadband	FIXED BROADBAND, PER GROUP AND TECHNOLOGY							
	Group	Accesses	Optic Fiber	Coaxial Cable	Metallic cable	Radio	Satellite	Market Share
	CLARO	9,723,189	633,480	8,984,575	74,902	5,379	24,853	24.2%
	VIVO	6,321,285	4,686,233	0	1,635,052	0	0	15.7%
	OI	5,175,911	3,742,658	122	1,410,036	12,235	10,860	12.9%
	Other	18,965,600	15,959,486	148,176	917,909	1,658,882	281,147	47.2%
	TOTAL	40,185,985	25,021,857	9,132,873	4,037,899	1,676,496	316,860	100.0%
	PERCENTAGE	100%	62.3%	22.7%	10.2%	4.2%	0.8%	

Fixed telephony	ON SERVICE ACCESSES, FIXED TELEPHONY		
	Group	Accesses	Market Share
	OI	8,630,398	30.4%
	CLARO	8,558,115	30.2%
	VIVO	7,464,016	26.3%
	Other	3,728,296	13.1%
	TOTAL	28,380,825	100.0%

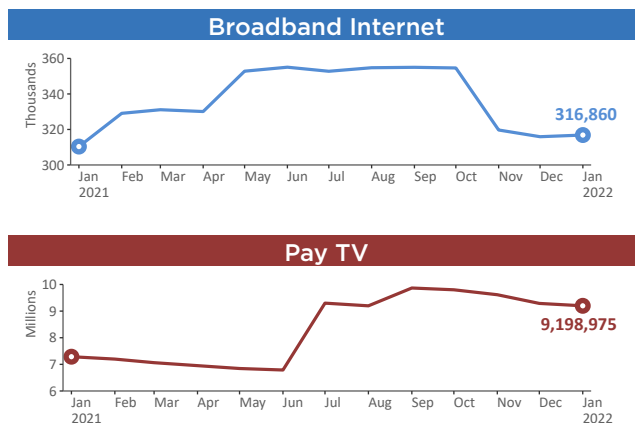
ACCESSES PER TYPE OF GRANTS, FIXED TELEPHONY		
Type	Accesses	Percentual
As a private service	14,173,875	49.9%
As a public service concession	14,206,950	50.1%
TOTAL	28,380,825	100%

PAY TV, PER GROUP AND TECHNOLOGY						
Pay TV	Group	Accesses	Coaxial Cable	Satellite	Optic Fiber	Market Share
	CLARO	6,833,672	5,270,181	1,477,372	86,119	43.0%
	SKY	4,376,874	0	4,376,874	0	27.6%
	OI	3,199,799	0	3,114,075	85,724	20.1%
	VIVO	1,099,647	0	187,337	912,310	6.9%
	Other	374,069	108,290	43,324	217,160	2.3%
	TOTAL	15,880,309	5,376,211	9,198,975	1,300,351	100%
	PERCENTAGE	100%	33.9%	57.9%	8.2%	

Market Share - Satellite



Number of satellite service accesses



Prepaid TV offers known as Sky Livre or similar were considered as Pay TV and, as of July 2021, became part of the subscriber data base made available by Anatel in its publications.