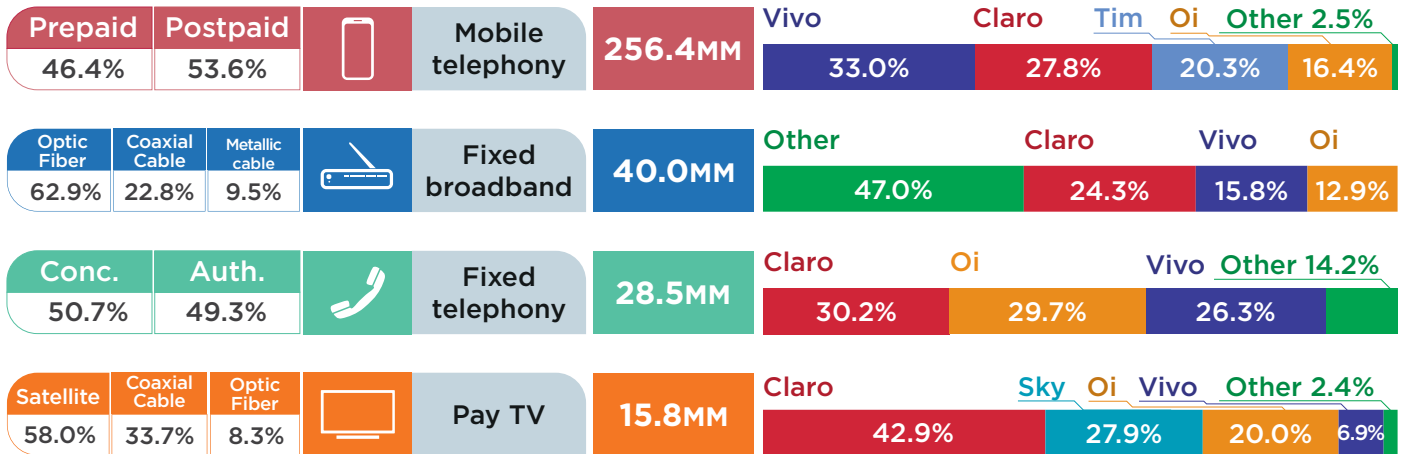


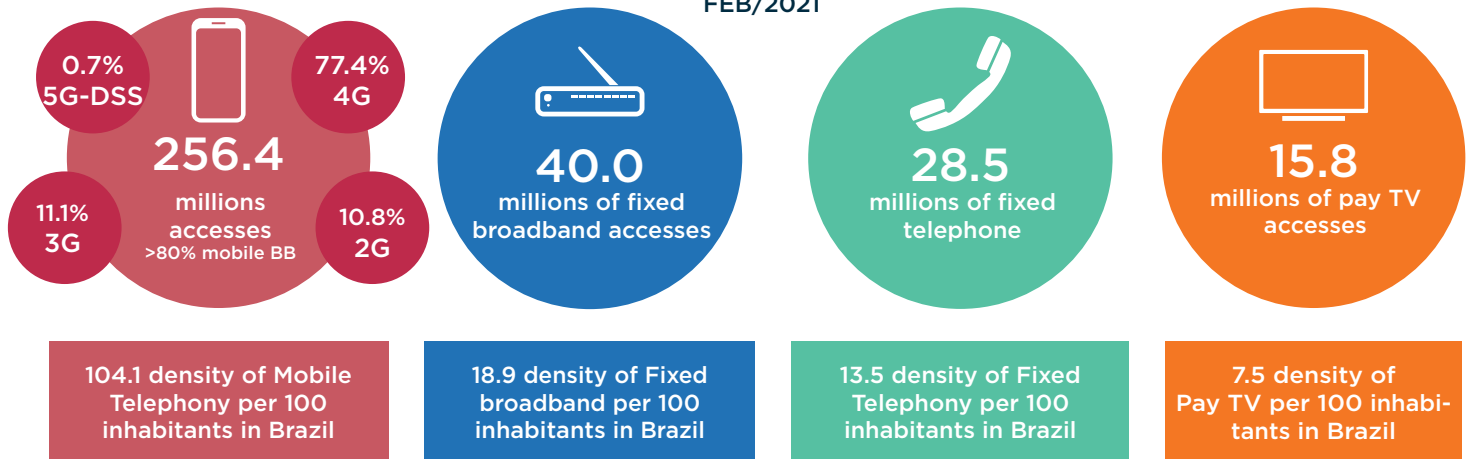


OVERVIEW OF TELECOMMUNICATIONS IN BRAZIL FEB/2022

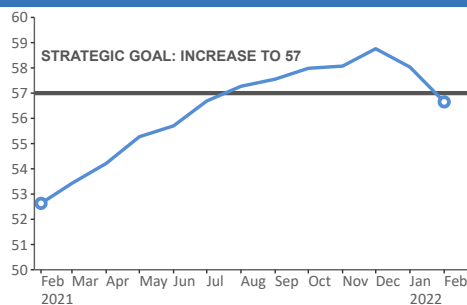


340.8 Millions

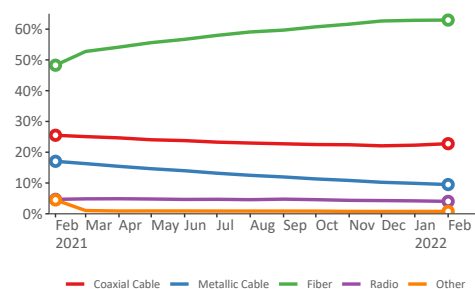
contracts of telecom services in
FEB/2021



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	84,605,032	605,108	62,659,012	8,431,388	12,909,524	33.0%
	CLARO	71,192,430	777,300	53,044,993	14,137,387	3,232,750	27.8%
	TIM	52,083,233	316,965	46,576,159	2,282,802	2,907,307	20.3%
	OI	42,138,191	0	31,841,864	3,113,317	7,183,010	16.4%
	Outros	6,425,034	0	4,429,393	405,917	1,589,724	2.5%
	TOTAL	256,443,920	1,699,373	198,551,421	28,370,811	27,822,315	100.0%
PERCENTAGE	100%	0.7%	77.4%	11.1%	10.8%		

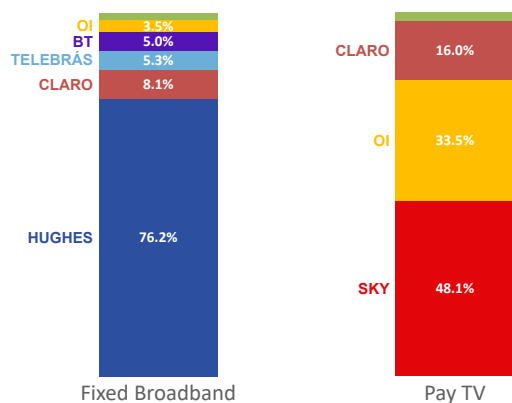
Fixed broadband	FIXED BROADBAND, PER GROUP AND TECHNOLOGY							
	Group	Accesses	Optic Fiber	Coaxial Cable	Metallic cable	Radio	Satellite	Market Share
	CLARO	9,738,594	651,687	8,981,673	75,054	5,341	24,839	24.3%
	VIVO	6,325,864	4,761,625	59	1,564,180	0	0	15.8%
	OI	5,153,238	3,790,447	122	1,339,636	12,199	10,834	12.9%
	Outros	18,798,658	15,983,154	132,794	817,454	1,593,920	271,336	47.0%
	TOTAL	40,016,354	25,186,913	9,114,648	3,796,324	1,611,460	307,009	100.0%
	PERCENTAGE	100%	62.9%	22.8%	9.5%	4.0%	0.8%	

Fixed telephony	ON SERVICE ACCESSES, FIXED TELEPHONY		
	Group	Accesses	Market Share
	OI	8,600,592	30.2%
	CLARO	8,479,020	29.7%
	VIVO	7,392,648	25.9%
	Other	4,040,570	14.2%
	TOTAL	28,512,830	100.0%

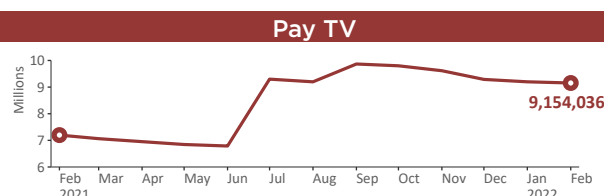
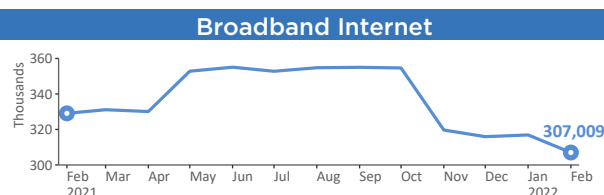
ACCESSES PER TYPE OF GRANTS, FIXED TELEPHONY		
Type	Accesses	Percentual
As a private service	14,443,689	50.7%
As a public service concession	14,069,141	49.3%
TOTAL	28,512,830	100%

PAY TV, PER GROUP AND TECHNOLOGY						
Pay TV	Group	Accesses	Coaxial Cable	Satellite	Optic Fiber	Market Share
	CLARO	6,772,987	5,217,376	1,468,808	86,803	42.9%
	SKY	4,402,744	0	4,402,744	0	27.9%
	OI	3,152,313	0	3,069,162	83,151	20.0%
	VIVO	1,083,075	0	178,096	904,979	6.9%
	Other	374,944	101,249	35,226	233,812	2.4%
	TOTAL	15,786,063	5,318,625	9,154,036	1,308,745	100.0%
	PERCENTAGE	100%	33.7%	58.0%	8.3%	

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.