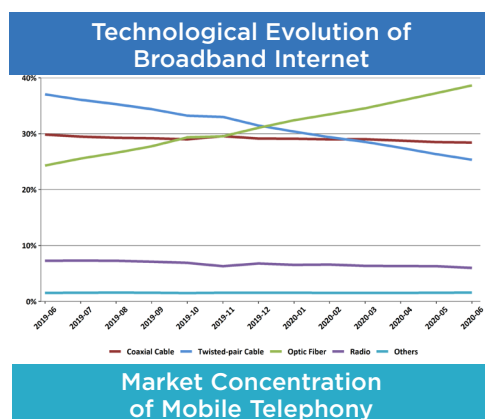
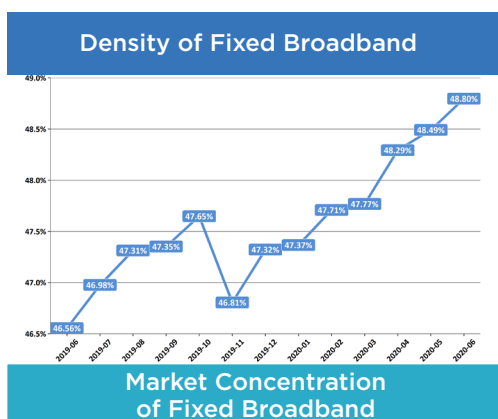
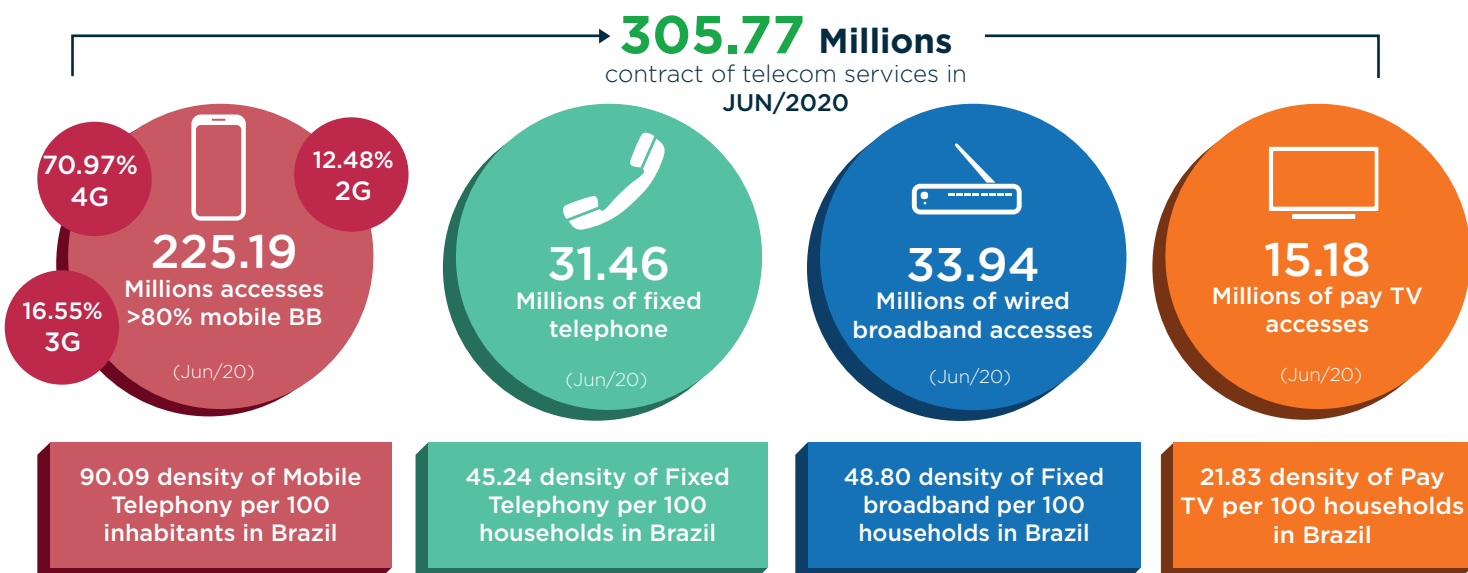
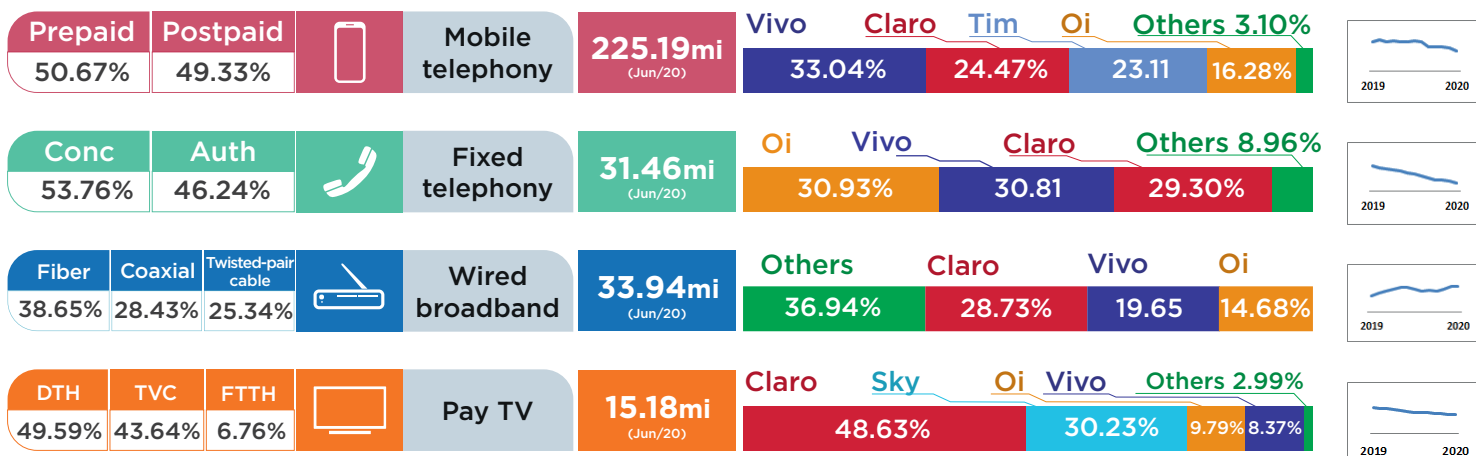




OVERVIEW OF TELECOMMUNICATION IN BRAZIL JUN/2020



Mobile telephony

MOBILE TELEPHONY, PER GROUP AND TECHNOLOGY

Group	Accesses	4G	3G	2G	Market Share
VIVO	74,408,189	51,224,692	10,353,292	12,830,205	33.04%
CLARO	55,103,209	38,222,067	15,450,167	1,430,975	24.47%
TIM	52,031,438	39,275,327	6,827,096	5,929,015	23.11%
OI	36,669,871	25,511,299	3,938,522	7,220,050	16.28%
OTHER	6,974,157	5,586,563	694,382	693,212	3.10%
TOTAL	225,186,864	159,819,948	37,263,459	28,103,457	100.00%
PERCENTAGE	100.00%	70.97%	16.55%	12.48%	

Fixed telephony

ON SERVICE ACCESSES, FIXED TELEPHONY

Group	Accesses	Market Share
VIVO	9,731,946	30.93%
OI	9,694,190	30.81%
CLARO	9,219,575	29.30%
OTHER	2,818,996	8.96%
TOTAL	31,464,707	100.00%

ACCESSES PER TYPE OF GRANTS, FIXED TELEPHONY

Type	Accesses	Percentage
As a public service concession	16,916,050	53.76%
As a private service	14,548,657	46.24%
TOTAL	31,464,707	100.00%

Wired broadband

WIRED BROADBAND, PER GROUP AND TECHNOLOGY

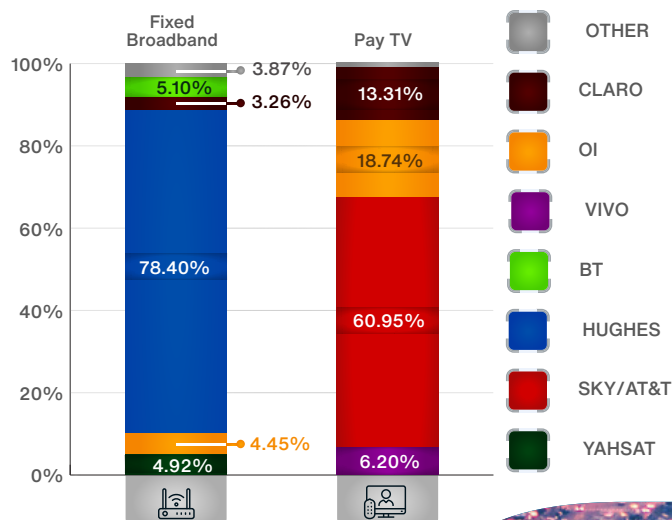
Group	Accesses	Twisted-pair cable	Coaxial cable	Optic Fiber	Radio	LTE	Satellite	Market Share
CLARO	9,750,887	77,114	9,274,360	374,799	14,628	0	9,986	28.73%
VIVO	6,669,423	3,693,860	0	2,975,563	0	0	0	19.65%
OI	4,981,031	3,327,951	0	1,623,329	16,138	0	13,613	14.68%
OTHER	12,538,816	1,502,072	373,727	8,143,156	2,009,042	228,479	282,340	36.94%
TOTAL	33,940,157	8,600,997	9,648,087	13,116,847	2,039,808	228,479	305,939	100.00%
PERCENTAGE	100.00%	25.34%	28.43%	38.65%	6.01%	0.67%	0.90%	

Pay TV

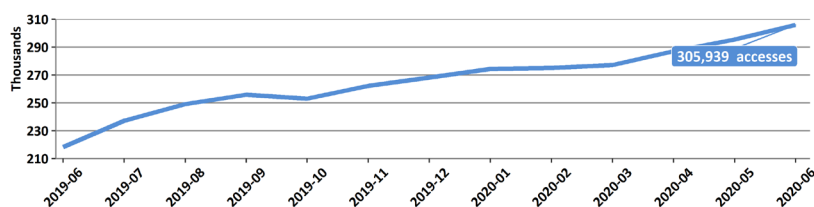
PAY TV, PER GROUP AND TECHNOLOGY

Group	Accesses	DTH	FTTH	MMDS	TVA	TVC	Market Share
CLARO	7,382,389	1,002,189	0	0	0	6,380,200	48.63%
SKY/AT&T	4,588,523	4,588,523	0	0	0	0	30.23%
OI	1,485,894	1,410,880	75,014	0	0	0	9.79%
VIVO	1,270,275	466,497	803,778	0	0	0	8.37%
OTHER	453,232	60,571	147,882	246	64	244,469	2.99%
TOTAL	15,180,313	7,528,660	1,026,674	246	64	6,624,669	100.00%
PERCENTAGE	100.00%	49.59%	6.76%	0.00%	0.00%	43.64%	

MARKET SHARE - SATELLITE



Number of satellite service accesses, Broadband Internet



Number of satellite service accesses, Pay TV

