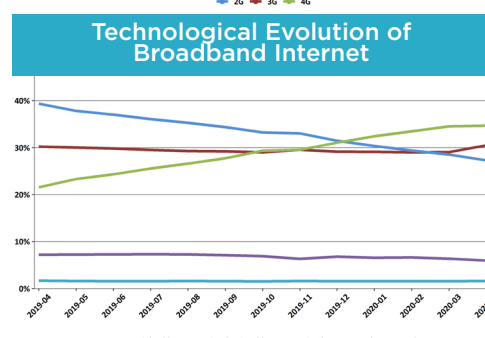
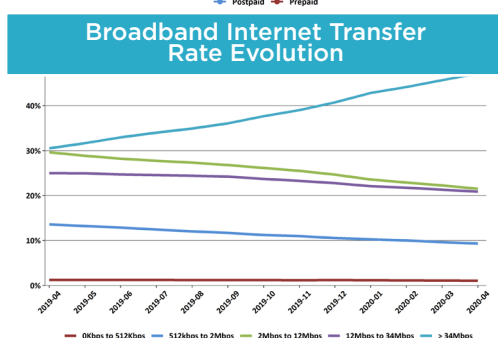
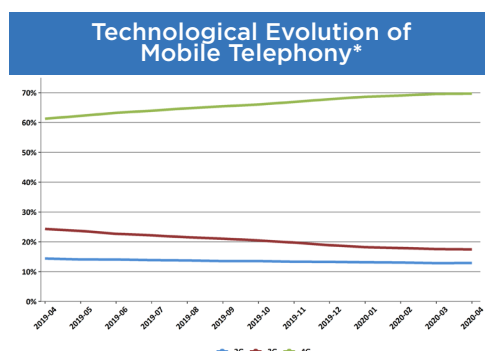
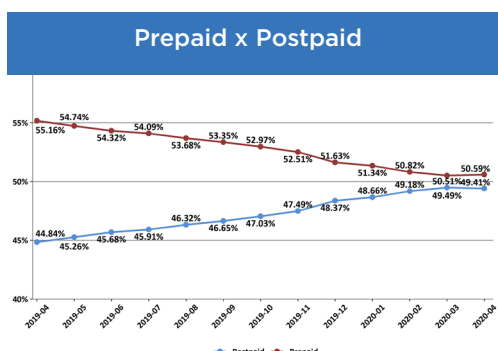
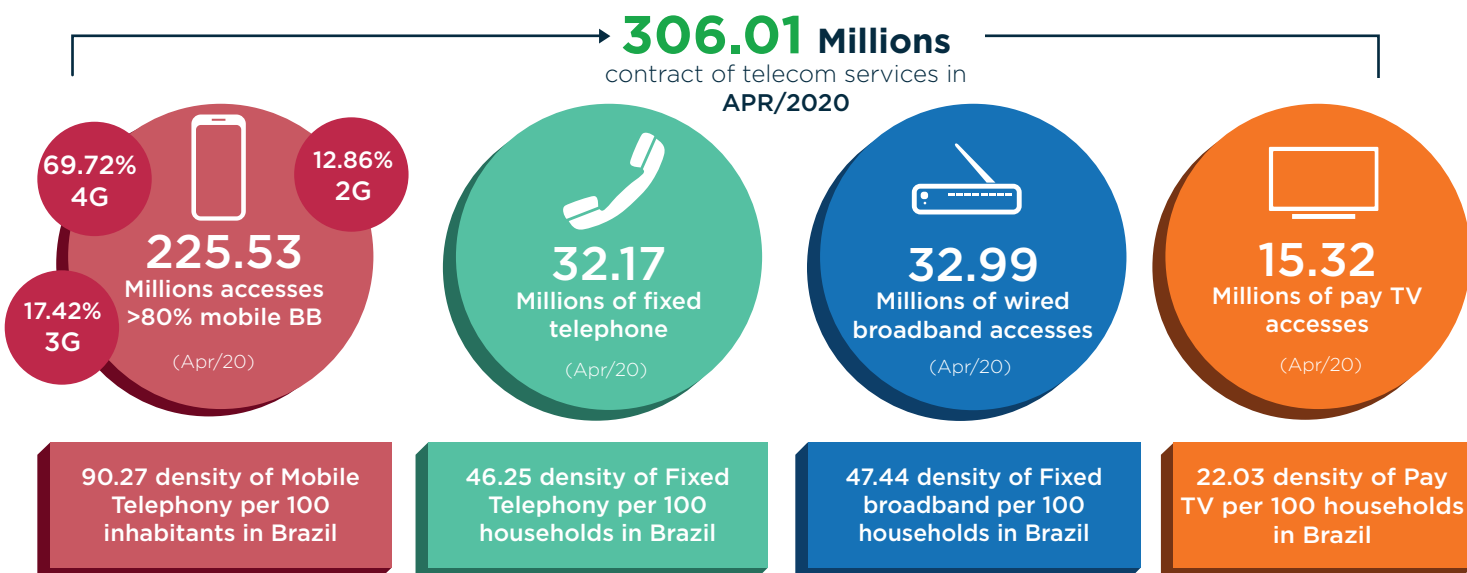
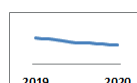
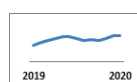
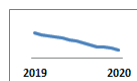
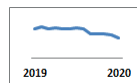
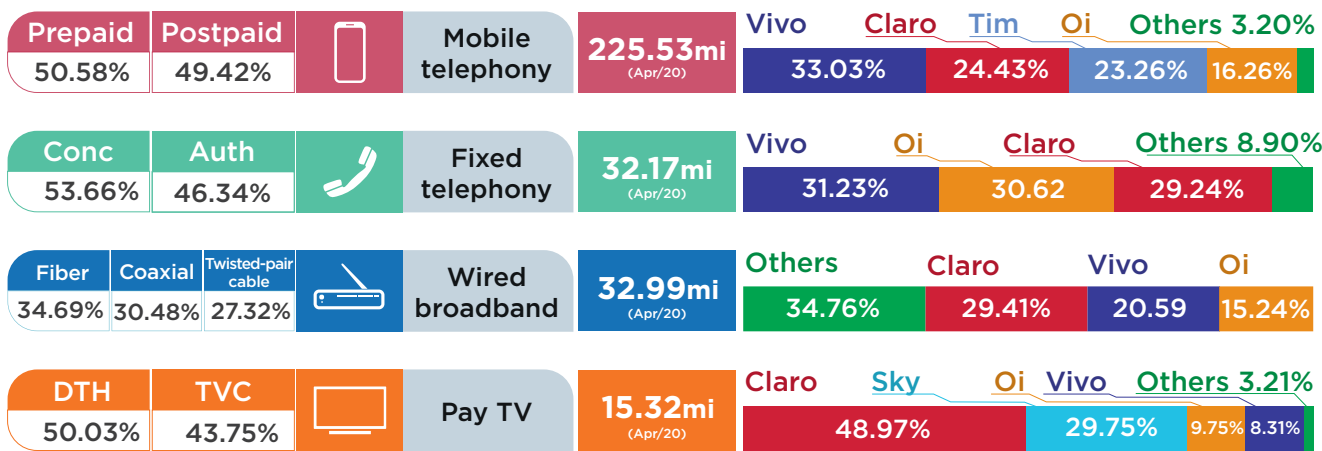




# OVERVIEW OF TELECOMMUNICATION IN BRAZIL APRIL/2020



### MOBILE TELEPHONY, PER GROUP AND TECHNOLOGY

Group	Accesses	4G	3G	2G	Market Share
VIVO	74,487,277	50,481,598	10,591,134	13,414,545	33.03%
CLARO	55,104,788	37,143,390	16,535,375	1,426,023	24.43%
TIM	52,457,879	38,994,393	7,240,621	6,222,865	23.26%
OI	36,668,377	25,144,446	4,270,697	7,253,234	16.26%
OTHER	6,811,540	5,468,253	657,795	685,492	3.02%
<b>TOTAL</b>	<b>225,529,861</b>	<b>157,232,080</b>	<b>39,295,622</b>	<b>29,002,159</b>	<b>100.00%</b>
<b>PERCENTAGE</b>	<b>100.00%</b>	<b>69.72%</b>	<b>17.42%</b>	<b>12.86%</b>	

### ON SERVICE ACCESSES, FIXED TELEPHONY

Group	Accesses	Market Share
VIVO	10,046,368	31.23%
OI	9,850,378	30.62%
CLARO	9,406,228	29.24%
OTHER	2,863,074	8.90%
<b>TOTAL</b>	<b>32,166,048</b>	<b>100.00%</b>

### ACCESSES PER TYPE OF GRANTS, FIXED TELEPHONY

Type	Accesses	Percentage
As a public service concession	17,261,820	53.66%
As a private service	14,904,228	46.34%
<b>TOTAL</b>	<b>32,166,048</b>	<b>100.00%</b>

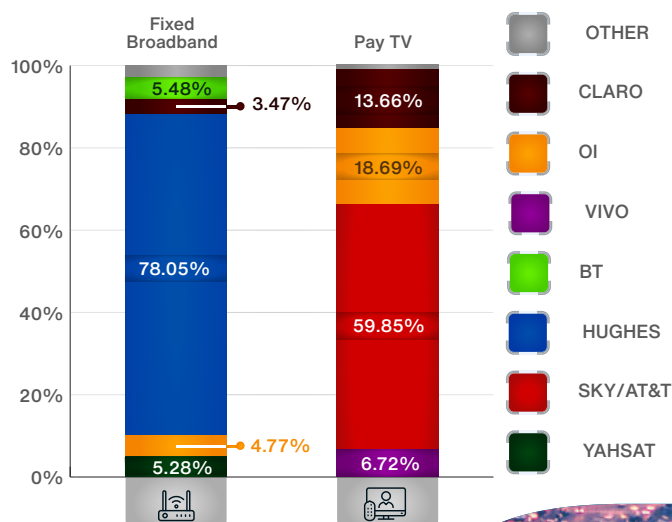
### WIRED BROADBAND, PER GROUP AND TECHNOLOGY

Group	Accesses	Twisted-pair cable	Coaxial cable	Optic Fiber	Radio	LTE	Satellite	Market Share
CLARO	9,704,878	77,127	9,267,890	335,286	14,684	0	9,891	29.41%
VIVO	6,794,168	3,977,600	0	2,816,568	0	0	0	20.59%
OI	5,027,566	3,634,667	0	1,363,096	16,227	0	13,576	15.24%
OTHER	11,468,290	1,324,662	789,861	6,930,594	1,931,252	230,555	261,366	34.76%
<b>TOTAL</b>	<b>32,994,902</b>	<b>9,014,056</b>	<b>10,057,751</b>	<b>11,445,544</b>	<b>1,962,163</b>	<b>230,555</b>	<b>284,833</b>	<b>100.00%</b>
<b>PERCENTAGE</b>	<b>100.00%</b>	<b>27.32%</b>	<b>30.48%</b>	<b>34.69%</b>	<b>5.95%</b>	<b>0.70%</b>	<b>0.86%</b>	

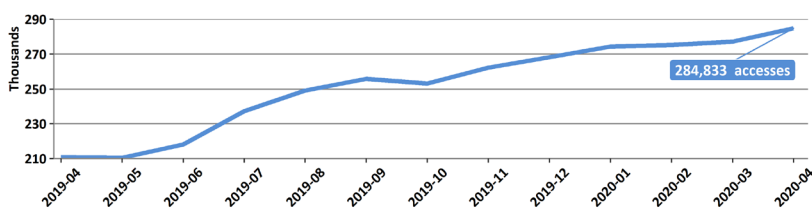
### PAY TV, PER GROUP AND TECHNOLOGY

Group	Accesses	DTH	FTTH	MMDS	TVA	TVC	Market Share
CLARO	7,503,351	1,040,849	0	0	0	6,462,502	48.97%
SKY/AT&T	4,559,353	4,559,353	0	0	0	0	29.75%
OI	1,494,630	1,423,461	71,169	0	0	0	9.75%
VIVO	1,273,919	511,588	762,331	0	0	0	8.31%
OTHER	492,064	82,548	151,363	252	64	257,837	3.21%
<b>TOTAL</b>	<b>15,378,384</b>	<b>7,693,215</b>	<b>956,092</b>	<b>251</b>	<b>64</b>	<b>6,728,762</b>	<b>100.00%</b>
<b>PERCENTAGE</b>	<b>100.00%</b>	<b>49.71%</b>	<b>6.43%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>43.86%</b>	

## MARKET SHARE - SATELLITE



### Number of satellite service accesses, Broadband Internet



### Number of satellite service accesses, Pay TV

