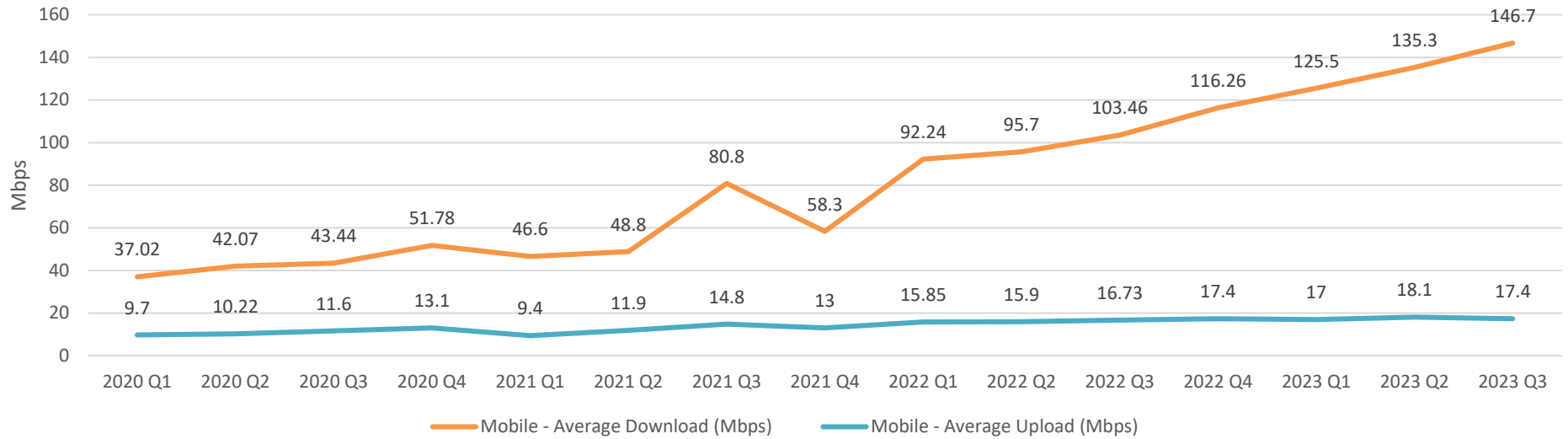


Ookla Open Data for Hawaii 2020-2023 Mobile Broadband*



	2020 Q1	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1	2022 Q2	2022 Q3	2022 Q4	2023 Q1	2023 Q2	2023 Q3
Average Download (Mbps)	37.02	42.07	43.44	51.78	46.6	48.8	80.8	58.3	92.24	95.7	103.46	116.26	125.5	135.3	146.7
Average Upload (Mbps)	9.7	10.22	11.6	13.1	9.4	11.9	14.8	13	15.85	15.9	16.73	17.4	17	18.1	17.4
# of Tests Taken	10,021	7,942	10,486	11,637	13,025	12,865	12,569	12,785	13,234	11,565	11,431	10,983	10,738	9,715	9,741

*Cellular