





















Top Verticals Targeted by DDoS Attacks

IH 2018

RANK	VERTICAL	ATTACKS FREQUENCY	MAX ATTACK	CLASSIFICATION
1	 Wired Telecommunications Carriers	793,778	1.7 Tbps	Information
2	 Telecommunications	491,314	302.0 Gbps	Information
3	 Data Processing, Hosting + Related Services	316,395	316.9 Gbps	Information
4	 Wireless Telecommunications Carriers	157,388	327.5 Gbps	Information
5	 Software Publishers	44,724	170.6 Gbps	Information
6	 International Affairs	40,711	34.3 Gbps	Public Administration
7	 Electronic Shopping + Mail-Order Houses	39,493	170.6 Gbps	Retail Trade
8	 Other Telecommunications	39,004	600.0 Gbps	Information
9	 Custom Computer Programming Services	31,837	170.6 Gbps	Professional, Scientific + Technical Services
10	 Educational Services	27,164	96.8 Gbps	Educational Services

IH 2019

RANK	VERTICAL	ATTACK FREQUENCY	MAX ATTACK	CLASSIFICATION	
1	 Wired Telecommunications Carriers	1,048,579	472.9 Gbps	Information	— 0
2	 Telecommunications	591,033	634.3 Gbps	Information	— 0
3	 Wireless Telecommunications Carriers	460,682	301.8 Gbps	Information	▲ 1
4	 Data Processing, Hosting + Related Services	312,377	330.4 Gbps	Information	▼ 1
5	 Custom Computer Programming Services	34,139	146.4 Gbps	Professional, Scientific + Technical Services	▲ 4
6	 Satellite Telecommunications	30,563	54.1 Gbps	Professional, Scientific + Technical Services	NEW
7	 Educational Services	24,564	68.3 Gbps	Educational Services	▲ 3
8	 Professional, Scientific + Technical Services	22,098	71.6 Gbps	Professional, Scientific + Technical Services	NEW
9	 Colleges, Universities + Professional Schools	20,188	176.4 Gbps	Educational Services	NEW
10	 Software Publishers	13,368	78.8 Gbps	Professional, Scientific + Technical Services	▼ 5