

GLOBAL NAVIGATION SATELLITE SYSTEMS AT A GLANCE

	GPS	GPS III	Galileo	GLONASS	BeiDou	IRNSS	QZSS
Owner	U.S.	U.S.	Europe	Russia	China	India	Japan
First Launch	1978	Anticipated 2018	2011	1982	2007	2013	2010
Full Operational Capability	1995	TBD	2020	2011	2020	2016	2018
Number of Satellites	30	30	30	28	35	7	4
Current Status	30 operational	8 awarded, under construction; first 3 launching in 2018	12 operational; 18 operational by end of 2016	22 operational	20 operational; full coverage of asia pacific region	7 operational	1 operational
Coverage	Global	Global	Global	Global	Global	Regional	Regional
Precision	3-5 meters	<1 meter	1 meter (public); 1 centimeter (encrypted)	5-10 meters	10 meters (public); 1 centimeter (encrypted)	10-20 meters	1 centimeter-1 meter