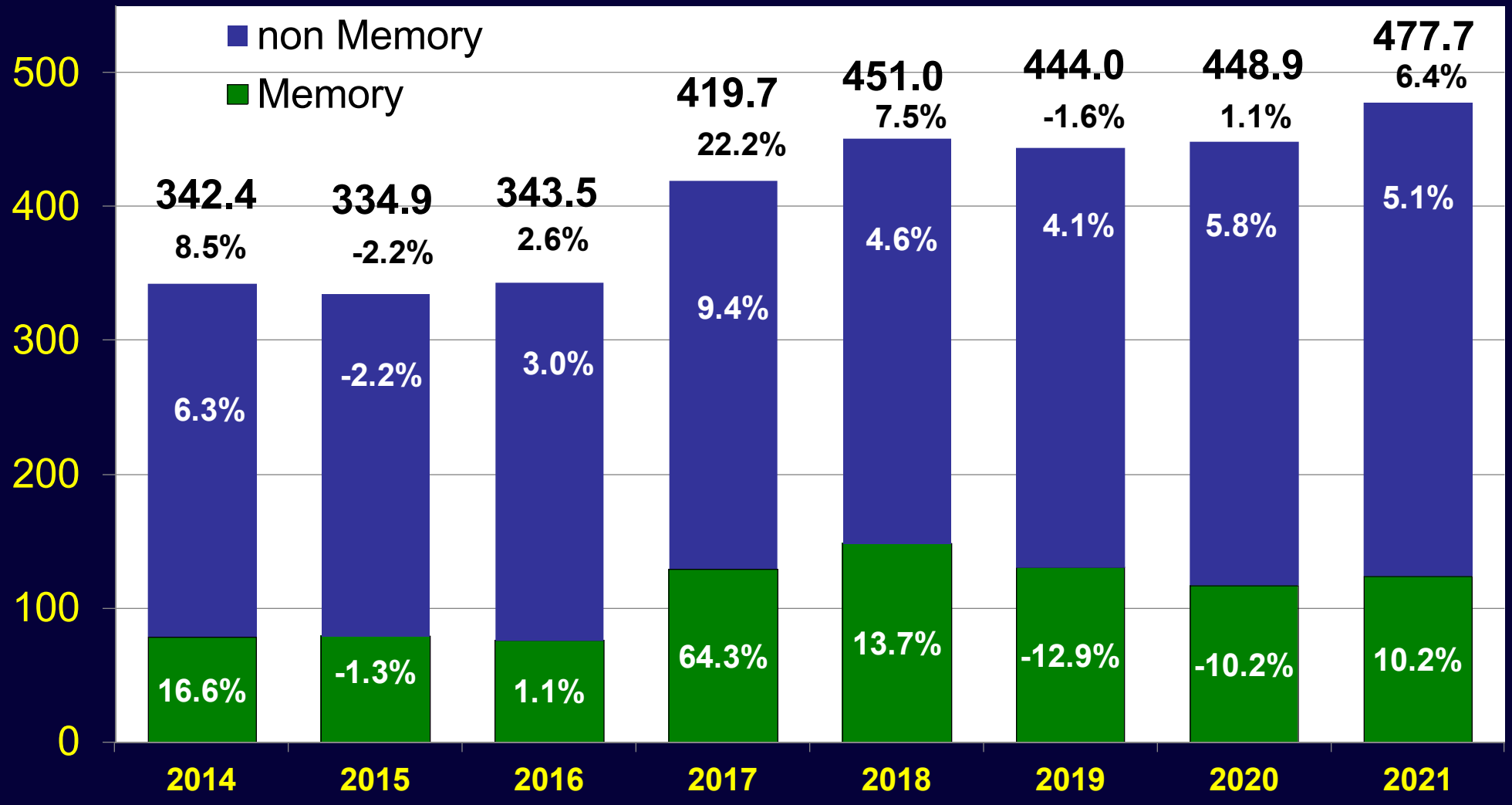
Chart 1

World Semiconductor Sales

Memory & non Memory

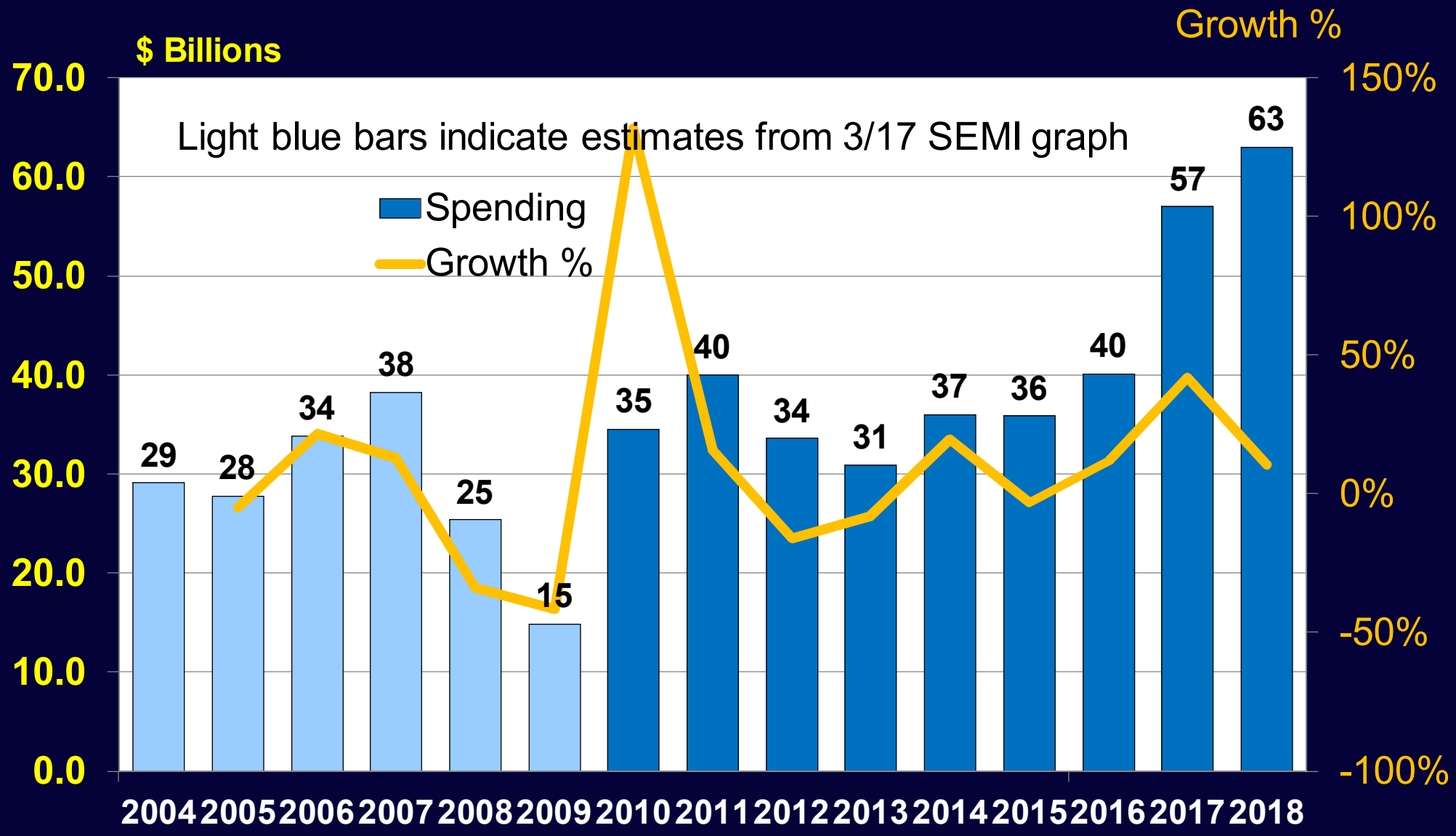
Revenues & Growth ($ Billions)



Gartner 1/18

Chart 2

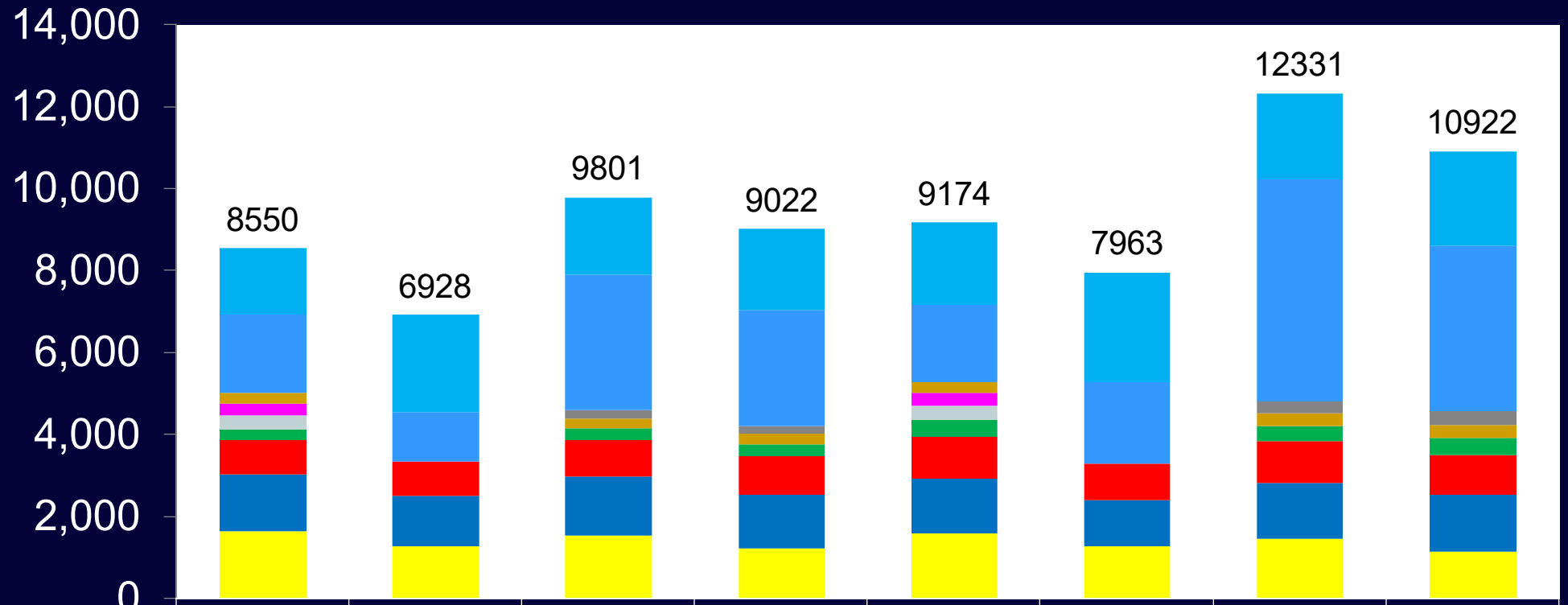
World Fab Equipment Spending



SEMI 12/17 & prior reports

Worldwide Cloud IT Infrastructure Revenue

Chart 3



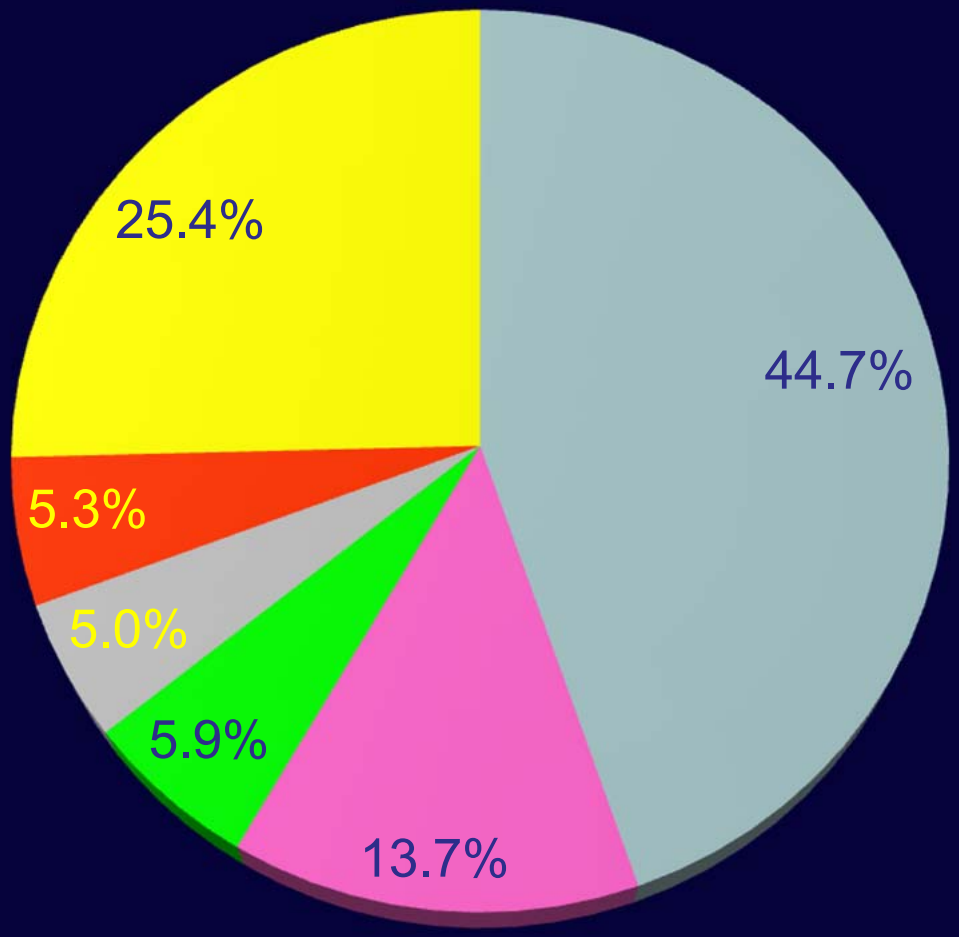
	Q4 2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016	Q1 2017	Q2 2017	Q3 2017
Total	8550	6928	9801	9022	9174	7963	12331	10922
Others	1613	2379	1886	1970	2014	2678	2088	2306
ODM Direct	1926	1204	3321	2831	1877	1976	5439	4043
Inspur			189	202			275	344
NetApp	257		254	240	267		314	307
Lenovo	275				295			
IBM	357				346			
Huawei	258		292	300	416		380	419
Cisco	838	830	888	943	1032	902	1014	958
HPE/New H3C	1381	1223	1437	1299	1340	1118	1365	1388
Dell Tech	1645	1292	1534	1237	1587	1289	1456	1157

IDC 1/18 & prior press releases

Chart 4

Enterprise WLAN Vendors 3Q'17

$

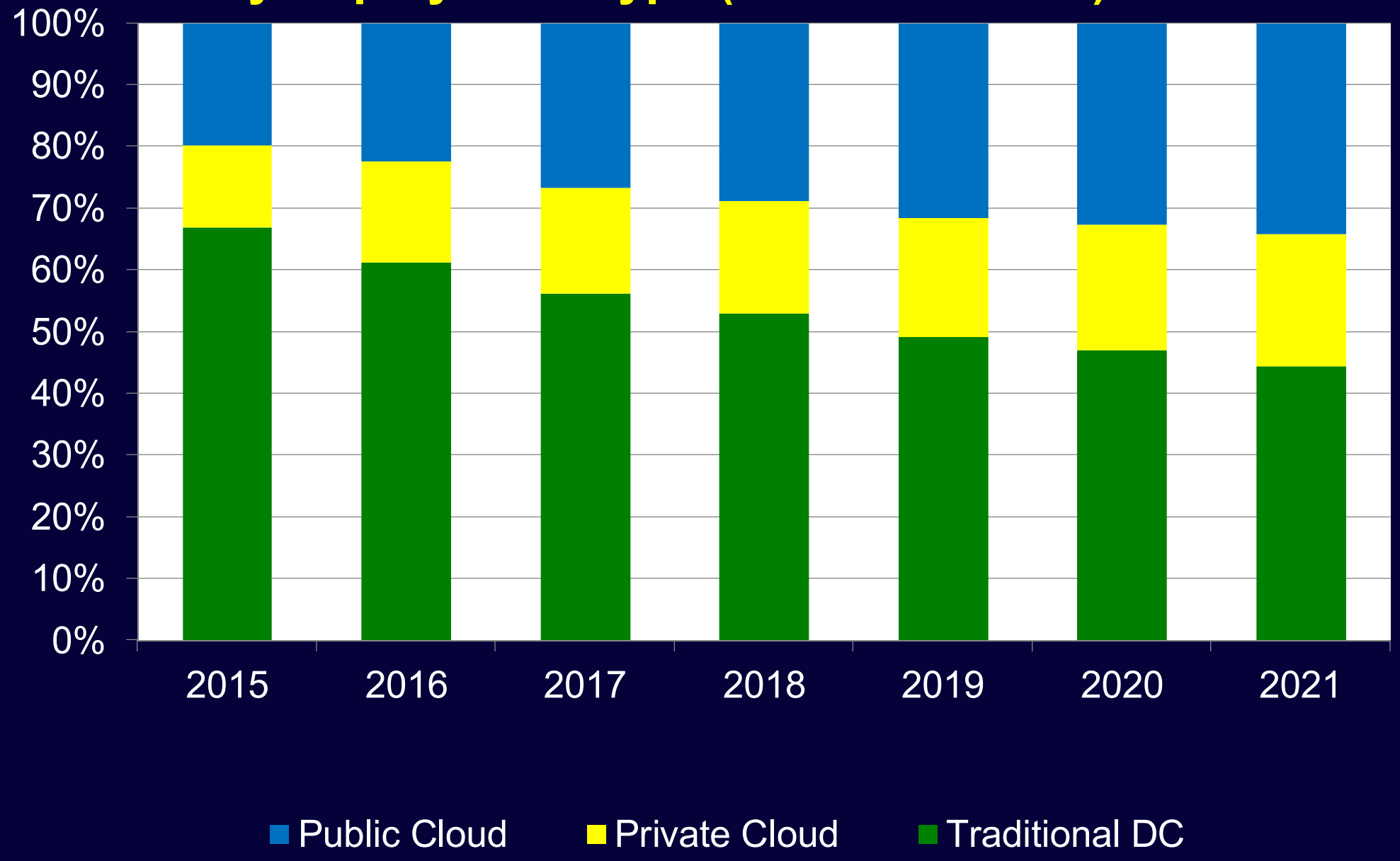


3Q'17 World Total US$ 1.49 Billion

www.idc.com

Chart 5

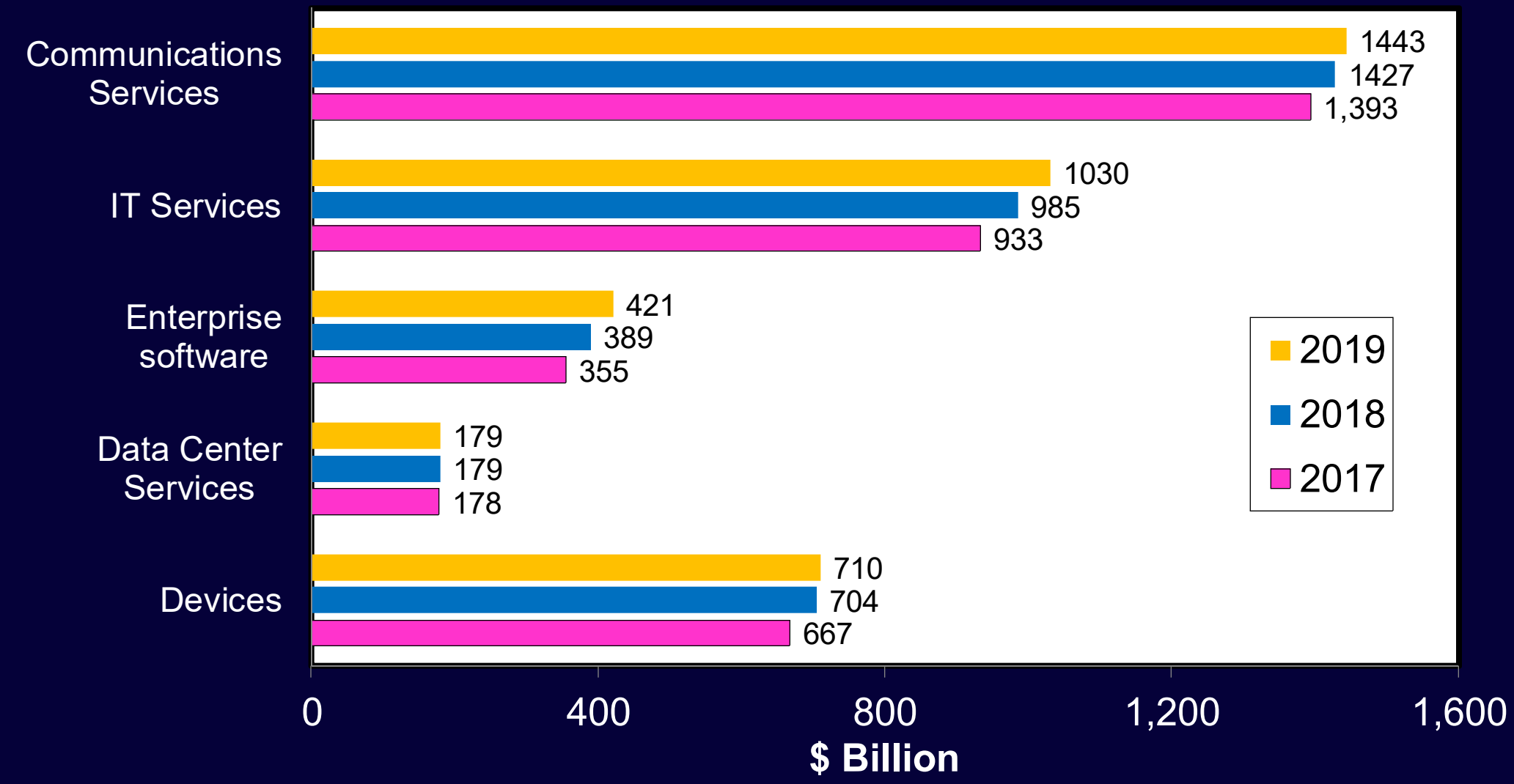
Worldwide Cloud IT Infrastructure Market Forecast by Deployment Type (based on value)



IDC 1/18 (data estimated from IDC graph)

Chart 6

IT Spending, World

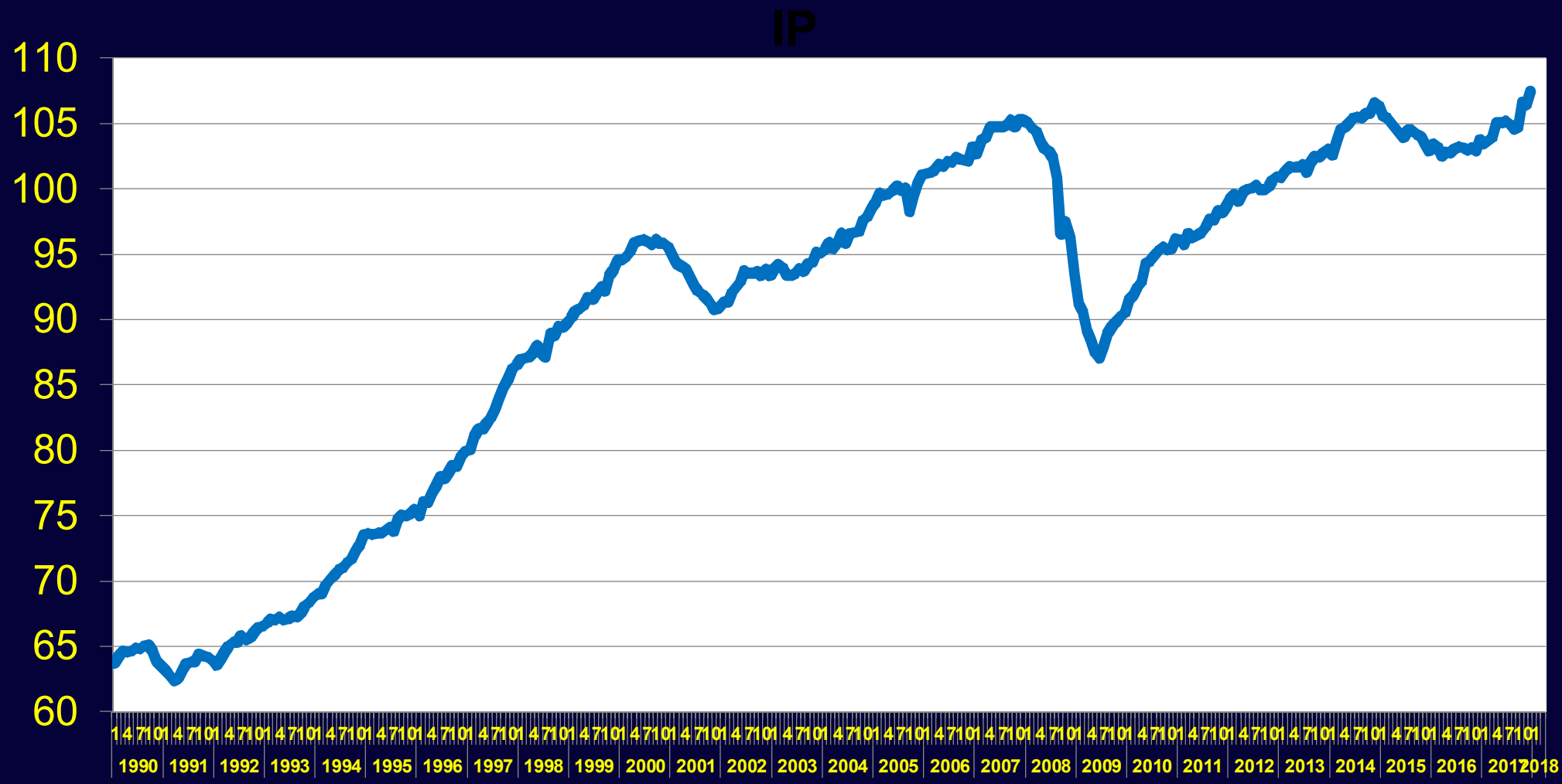


Gartner 1/2018 & prior

Chart 7

U.S. Industrial Production

Index (2012=100)



www.federalreserve.gov/releases/g17/table1_2.htm

Chart 8

Industrial Production – World

% Change vs. One Year Earlier

Britain	+ 2.5 Nov
Czech Republic	+ 8.5 Nov
France	+ 2.5 Nov
Germany	+ 5.7 Nov
Italy	+ 3.1 Oct
Netherlands	+ 4.4 Nov
Russia	- 3.8 Nov
Spain	+ 7.0 Oct
Euro Area	+ 3.2 Nov
Canada	+ 4.6 Oct
USA	+ 3.6 Dec
China	+ 6.1 Nov
India	+ 8.4 Nov
Malaysia	+ 5.0 Nov
Vietnam	+11.2 Dec
Singapore	+ 5.3 Nov
S Korea	- 1.6 Nov
Taiwan	+ 0.9 Nov
Thailand	+ 4.2 Nov
Japan	+ 3.7 Nov

www.economist.com + Eurostat