

## We are progressing along this roadmap

Year	Production	Experimental	Remarks
2001	0.155	0.622-2.5	SONET/SDH
2002	0.622	2.5	SONET/SDH DWDM; GigE Integ.
2003	2.5	10-20	DWDM; 1 + 10 GigE Integration
2005-6	10-20	2-10 X 10	$\lambda$ Switch; $\lambda$ Provisioning
2007-8	3-4 X 10	$\sim 10$ X 10; 100 Gbps	1 <sup>st</sup> Gen. $\lambda$ Grids
2009-10	6 X 10	$\sim 20$ X 10	$\lambda$ Switching
2011-13	$\sim 6-8$ X 10	$\sim 1-2$ X 40/100	40/100G Networks
2015	To 4 X 100	$\sim$ Tbps	$\sim$ Fill a Fiber 400G Links



**Paralleled by ESnet Roadmap for Data Intensive Sciences**