



# UW System Network Operations Metrics

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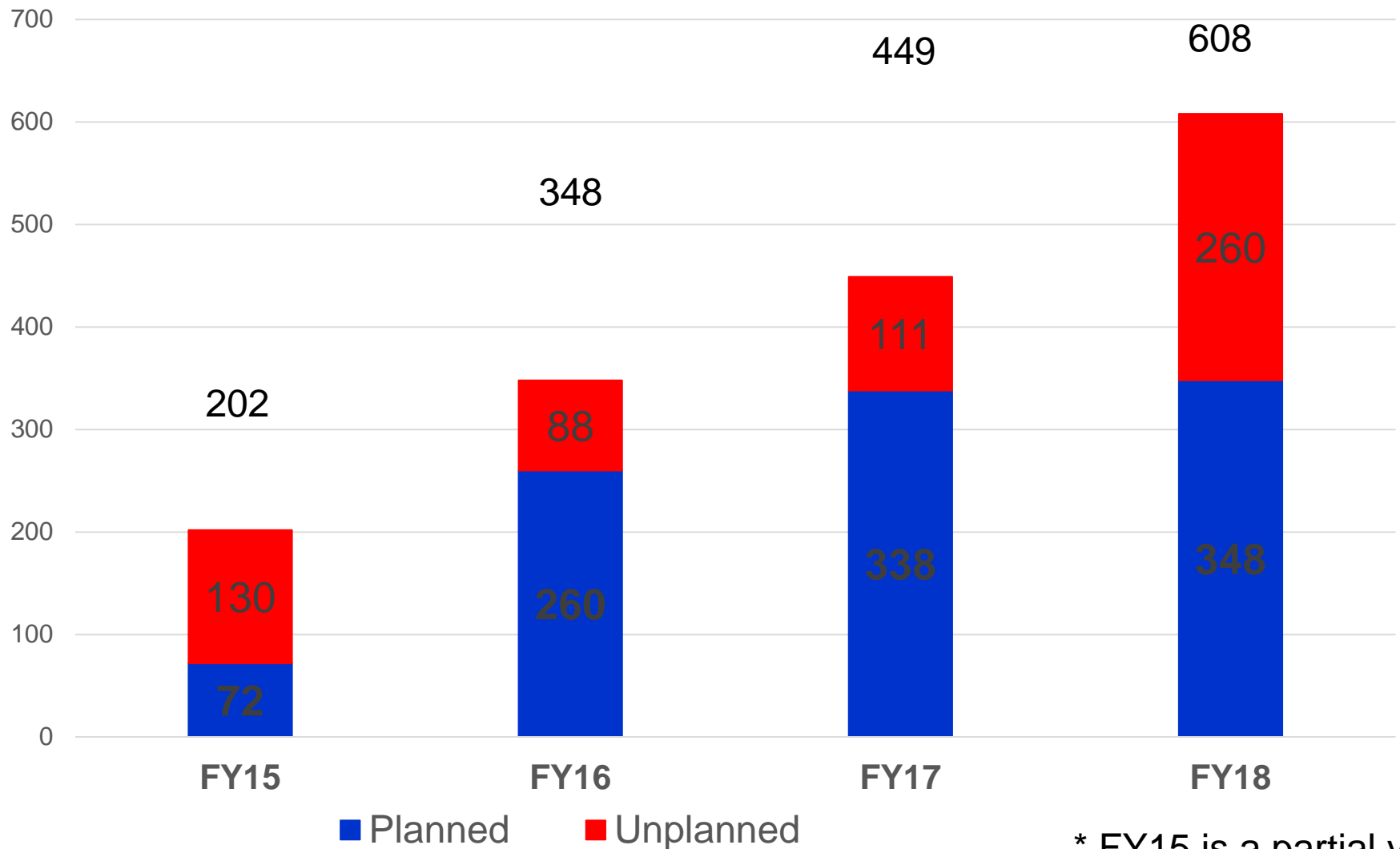
**8/21/2018**

# FY18 Significant event summary

- **Difficult to resolve fiber issues between:**
  - UW-Madison<->Watertown
  - Wauwatosa<->UW-Milwaukee
  - UW-Milwaukee<->Kenosha
- **MX104 corrupted flash memory at several locations**
- **BCN (FY19 BadgerNet) reliability issues continue**
- **Facility (power/cooling) issues at several UWCs & certain 4-year locations**
- **Serious flooding in Northern WI did NOT impact UWC-Barron & UW-Superior connectivity**

# Workload metrics

## Events per Fiscal Year



\* FY15 is a partial year

# Overall network availability

	FY16	FY17	FY18
Availability with BCN	99.66%	99.75%	99.59%
Availability w/o BCN	99.90%	99.89%	99.91%

Availability = time all campus networks can connect to UW-System Network



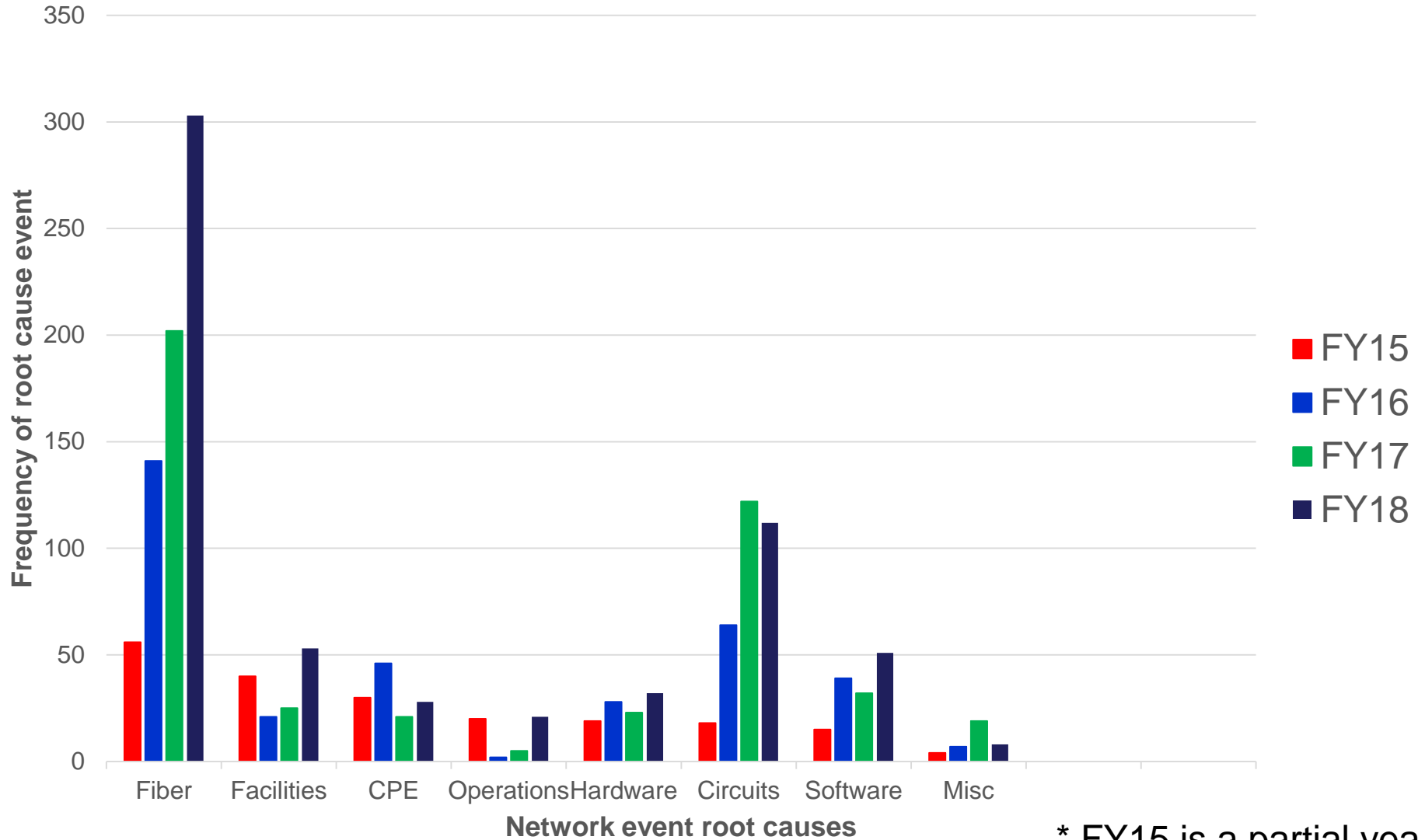


# FY18 campus network availability

Campus	Availability	Campus	Availability
UW-Eau Claire	100%	UWC-Baraboo-Sauk County	99.9977%
UW-Green Bay	100%	UWC-Barron County	100%
UW-La Crosse	100%	UWC-Fond du Lac	99.995%
UW-Madison	100%	UWC-Fox Valley	100%
UW-Milwaukee	100%	UWC-Manitowoc	99.9994%
UW-Oshkosh	100%	UWC-Marathon County	100%
UW-Parkside	100%	UWC-Marinette	99.998%
UW-Platteville	100%	UWC-Marshfield	100%
UW-River Falls	100%	UWC-Richland Center	99.9926%
UW-Stevens Point	100%	UWC-Rock County	99.7433%
UW-Stout	100%	UWC-Sheboygan	99.9994%
UW-Superior	99.9949%	UWC-Washington County	99.9408%
UW-Whitewater	100%	UWC-Waukesha	99.9977%
		UWC-Online	99.9885%
		UWC-I Inham Woods	99.9455%

# Root cause analysis

Frequency distribution of network event root causes



\* FY15 is a partial year

# Questions?

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