

Commuter Rail Performance Update

July 22nd, 2019

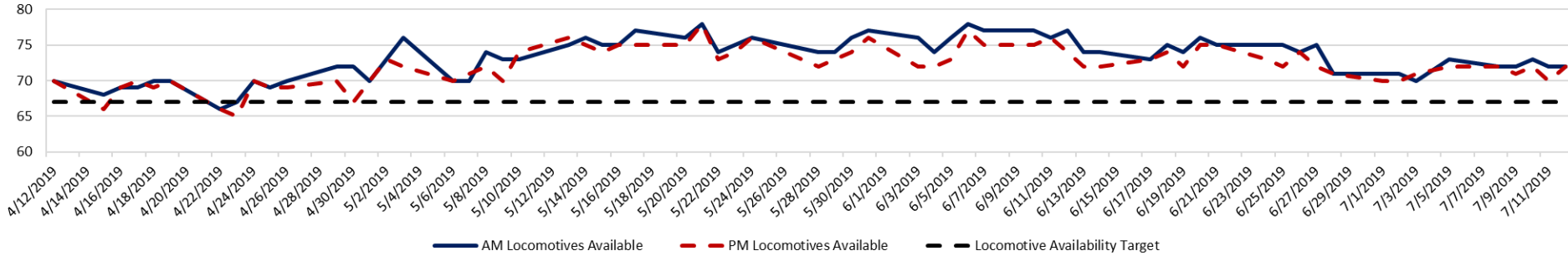


Equipment Availability



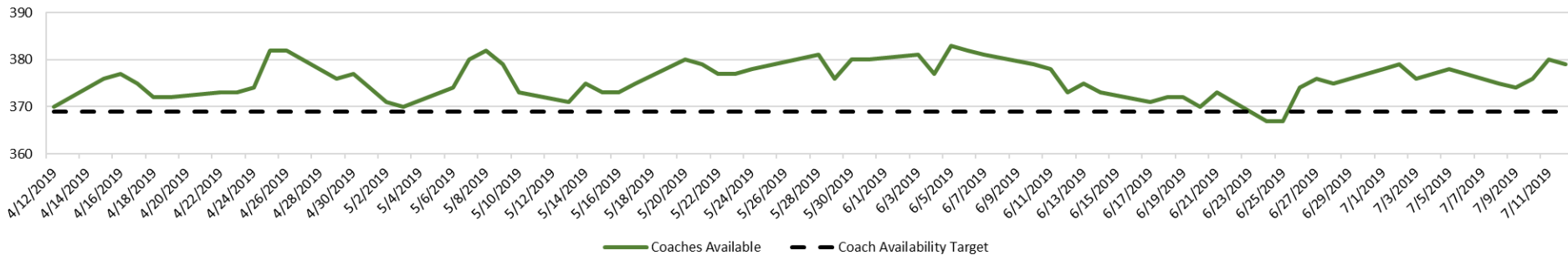
Target: 67 Locomotives Available

Locomotive Availability
(last 12 weeks)



Target: 369 Coaches Available

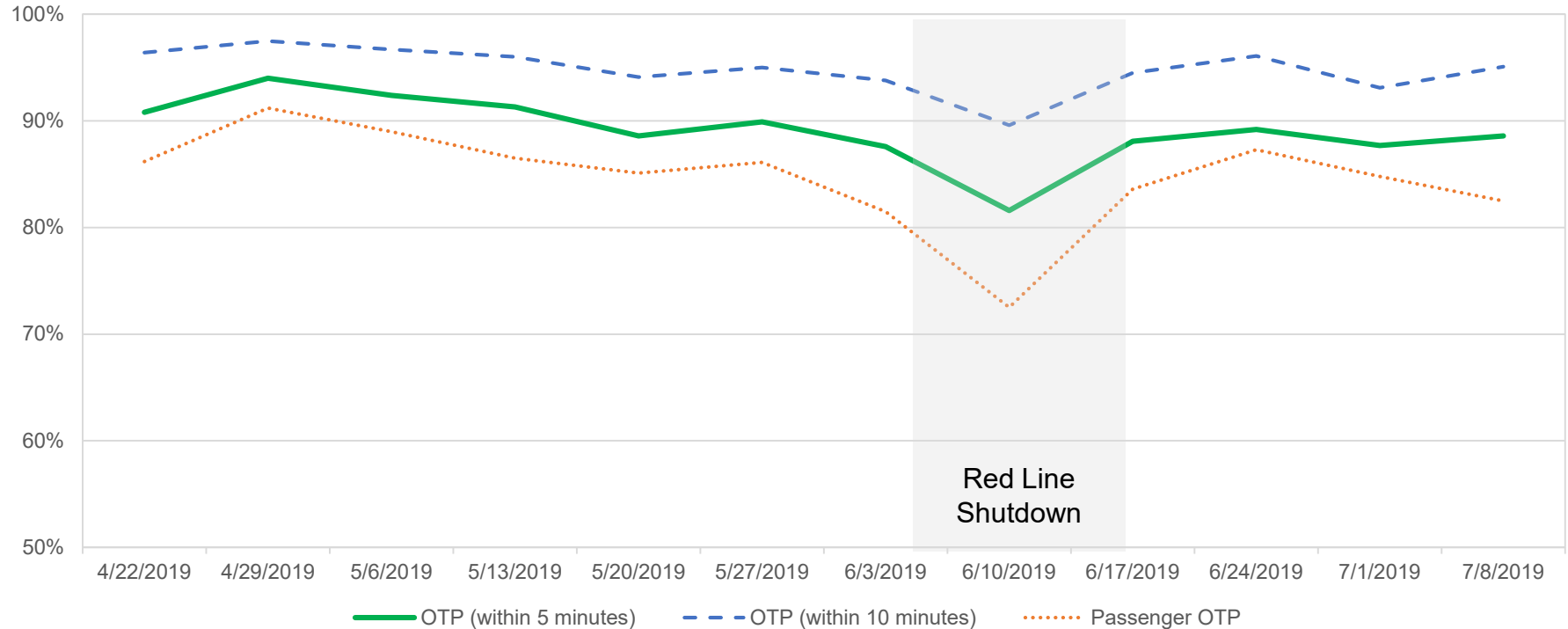
Coach Availability
(last 12 weeks)





On-Time Performance

On-Time Performance (OTP) by Week





OTP Within 5 Minutes

	July 2018	August 2018	September 2018	October 2018	November 2018	December 2018	January 2019	February 2019	March 2019	April 2019	May 2019	June 2019	Trailing Year Average
Fairmount	96.8%	95.2%	94.1%	97.2%	95.3%	98.3%	96.2%	96.9%	95.7%	94.6%	95.6%	93.2%	95.8%
Fitchburg	85.5%	88.0%	88.1%	87.1%	76.3%	88.4%	88.1%	87.5%	89.3%	92.3%	92.2%	84.1%	87.3%
Franklin	77.8%	80.2%	84.8%	82.8%	79.7%	90.8%	89.5%	90.3%	92.7%	90.9%	90.3%	85.2%	86.2%
Greenbush	93.5%	93.7%	94.7%	94.6%	91.7%	98.0%	94.8%	93.2%	97.0%	89.8%	91.7%	78.8%	92.6%
Haverhill	92.3%	92.6%	92.5%	92.5%	88.6%	93.1%	94.2%	92.5%	92.3%	92.9%	95.7%	91.7%	92.6%
Kingston/Plymouth	90.2%	91.6%	92.7%	90.6%	87.3%	95.4%	92.4%	89.0%	93.7%	91.2%	90.2%	77.7%	90.2%
Lowell	91.8%	93.0%	90.6%	89.6%	85.3%	95.4%	95.0%	91.7%	92.3%	93.2%	94.4%	92.2%	92.1%
Middleboro	88.1%	88.5%	91.8%	91.3%	88.3%	93.6%	87.5%	88.7%	91.1%	81.7%	85.9%	73.6%	87.5%
Needham	88.8%	91.6%	94.6%	89.9%	85.3%	92.2%	92.0%	86.5%	91.6%	88.7%	93.3%	91.4%	90.5%
Newburyport	91.9%	89.8%	92.6%	86.8%	85.3%	94.6%	93.7%	91.6%	92.6%	93.6%	92.8%	92.0%	91.4%
Providence	81.4%	86.6%	84.0%	82.5%	83.0%	89.0%	90.7%	88.4%	86.6%	86.6%	87.2%	81.6%	85.6%
Rockport	93.4%	90.1%	93.4%	86.4%	85.4%	96.2%	95.0%	90.9%	92.9%	90.7%	91.7%	90.4%	91.4%
Stoughton	81.1%	82.7%	84.3%	82.4%	80.1%	90.7%	87.3%	82.9%	85.7%	84.7%	85.6%	83.4%	84.2%
Worcester	78.9%	88.5%	93.3%	85.7%	82.4%	90.5%	88.8%	87.0%	91.1%	89.0%	89.0%	86.6%	87.6%
Grand Total	87.8%	89.4%	90.8%	88.3%	85.2%	93.2%	91.9%	90.0%	91.8%	90.4%	91.4%	86.6%	89.7%



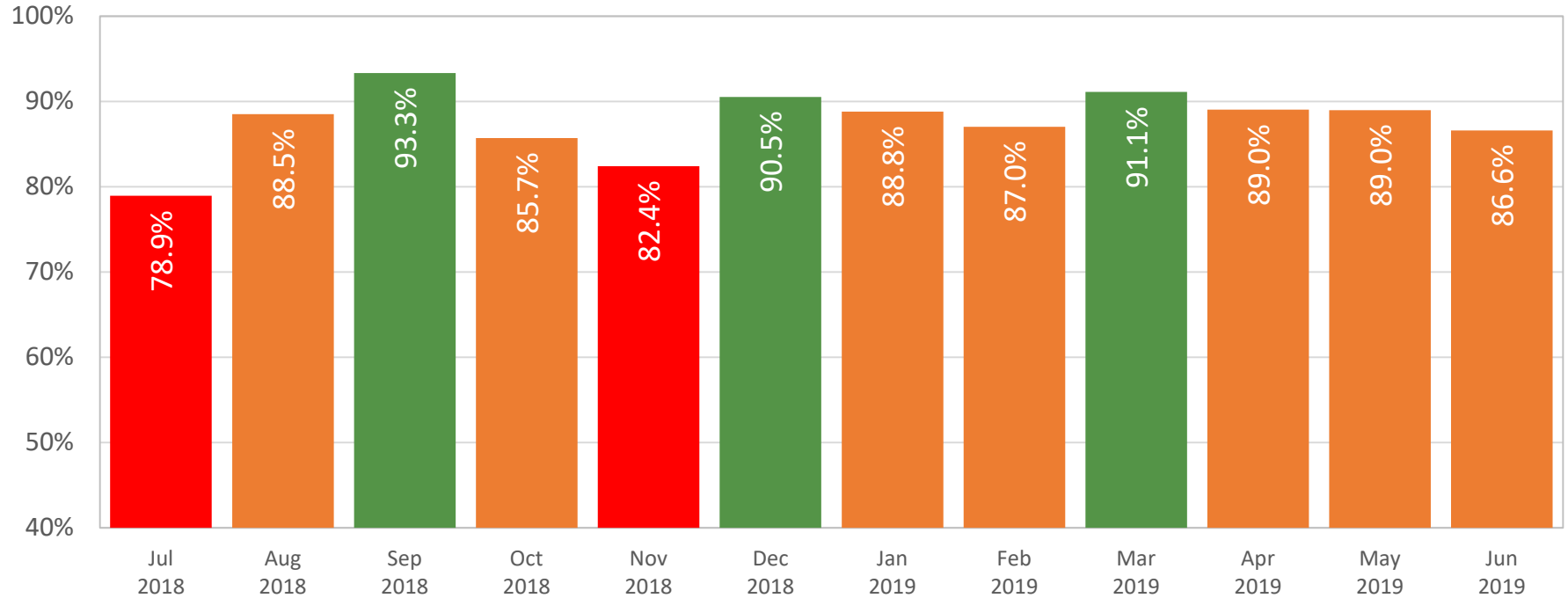
OTP Within 10 Minutes

	July 2018	August 2018	September 2018	October 2018	November 2018	December 2018	January 2019	February 2019	March 2019	April 2019	May 2019	June 2019	Trailing Year Average
Fairmount	98.8%	97.2%	97.2%	98.6%	98.0%	99.5%	97.5%	98.2%	97.9%	96.6%	97.7%	96.5%	97.8%
Fitchburg	93.0%	94.4%	93.7%	93.6%	85.7%	94.4%	93.5%	91.9%	95.1%	95.9%	95.5%	93.3%	93.4%
Franklin	87.5%	89.2%	92.2%	91.0%	90.9%	96.3%	95.0%	93.3%	96.6%	96.1%	95.5%	92.1%	93.0%
Greenbush	95.8%	96.8%	96.5%	96.9%	95.1%	98.6%	96.7%	96.0%	98.5%	94.7%	96.7%	88.9%	95.9%
Haverhill	96.5%	96.0%	96.5%	96.9%	94.1%	96.9%	96.7%	96.6%	95.9%	96.6%	97.8%	97.0%	96.5%
Kingston/Plymouth	95.8%	96.0%	96.2%	94.7%	91.0%	98.0%	94.5%	93.8%	97.3%	95.7%	94.5%	87.0%	94.6%
Lowell	97.0%	97.4%	96.5%	95.5%	94.4%	98.5%	97.5%	96.5%	95.3%	98.0%	97.7%	97.3%	96.8%
Middleboro	94.0%	92.2%	95.1%	94.7%	93.5%	97.4%	93.2%	92.7%	95.5%	90.5%	92.1%	83.4%	92.9%
Needham	94.9%	96.6%	98.7%	95.3%	93.4%	97.3%	97.6%	93.7%	97.9%	94.2%	97.4%	95.9%	96.1%
Newburyport	98.2%	96.1%	97.6%	93.5%	94.1%	97.8%	96.4%	94.8%	96.9%	96.4%	97.3%	96.5%	96.3%
Providence	90.8%	93.9%	92.5%	91.9%	90.8%	95.4%	95.3%	93.6%	94.6%	94.0%	93.9%	91.9%	93.2%
Rockport	97.0%	94.6%	98.1%	93.8%	91.8%	98.0%	98.3%	94.8%	95.8%	94.8%	96.4%	95.8%	95.8%
Stoughton	89.9%	90.3%	92.8%	89.8%	90.6%	94.8%	95.5%	88.2%	92.7%	91.6%	93.5%	91.8%	91.8%
Worcester	88.1%	93.7%	96.5%	91.9%	91.9%	95.5%	94.8%	91.9%	95.5%	95.7%	95.3%	93.1%	93.7%
Grand Total	94.0%	94.6%	95.7%	94.1%	92.6%	97.0%	95.9%	94.2%	96.1%	95.4%	96.0%	93.4%	94.9%

Worcester Line Performance



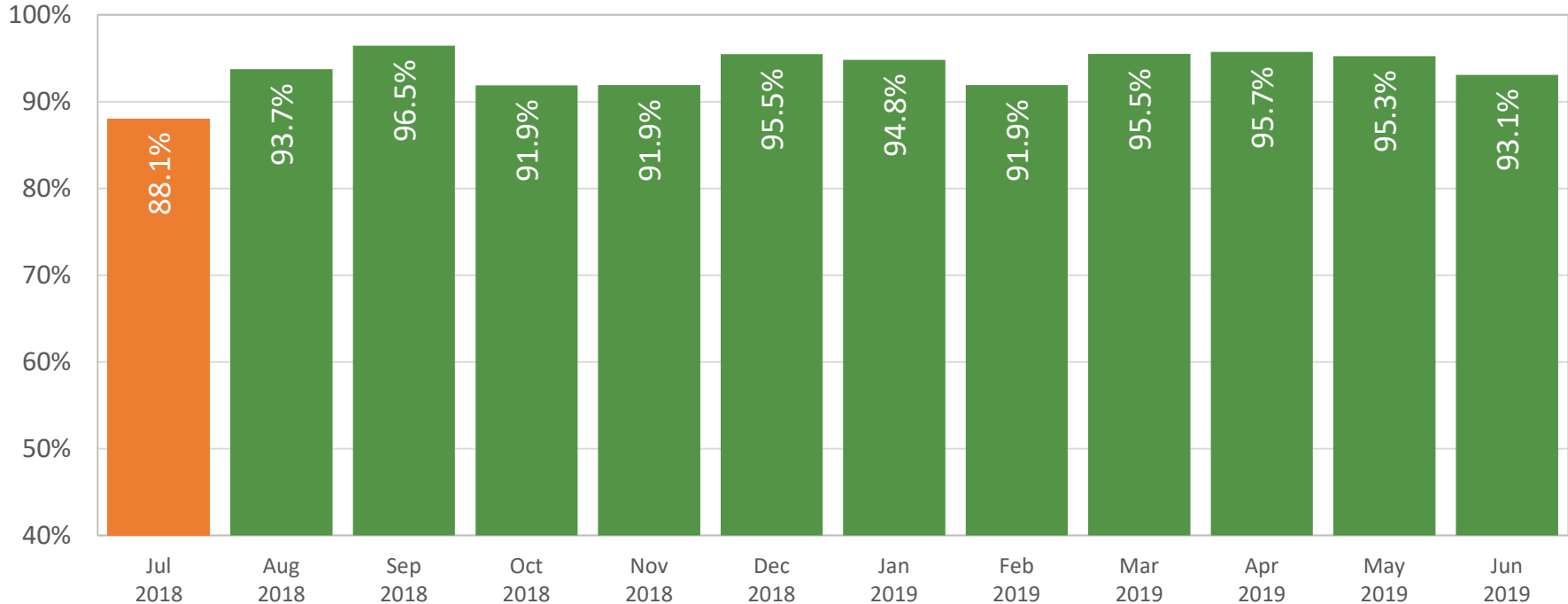
Worcester Line OTP Within 5 Min



Worcester Line Performance



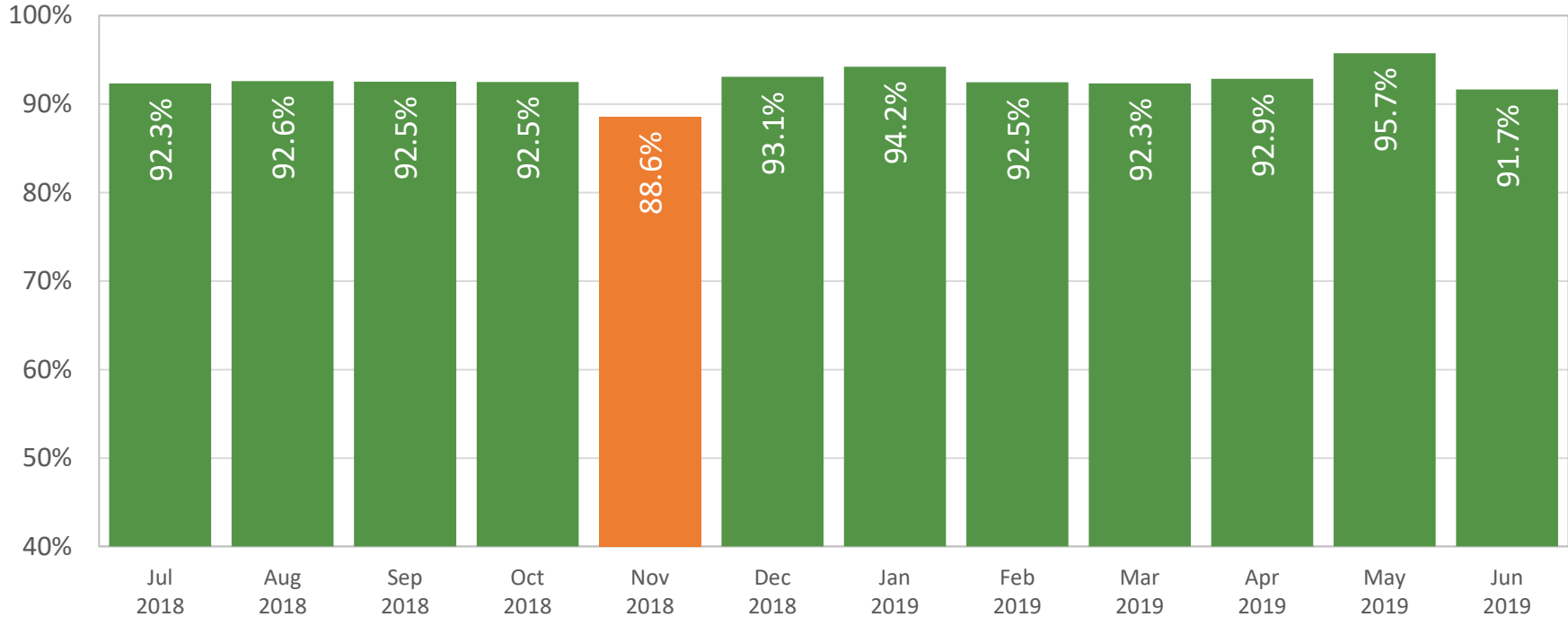
Worcester Line OTP Within 10 Min



Haverhill Line Performance



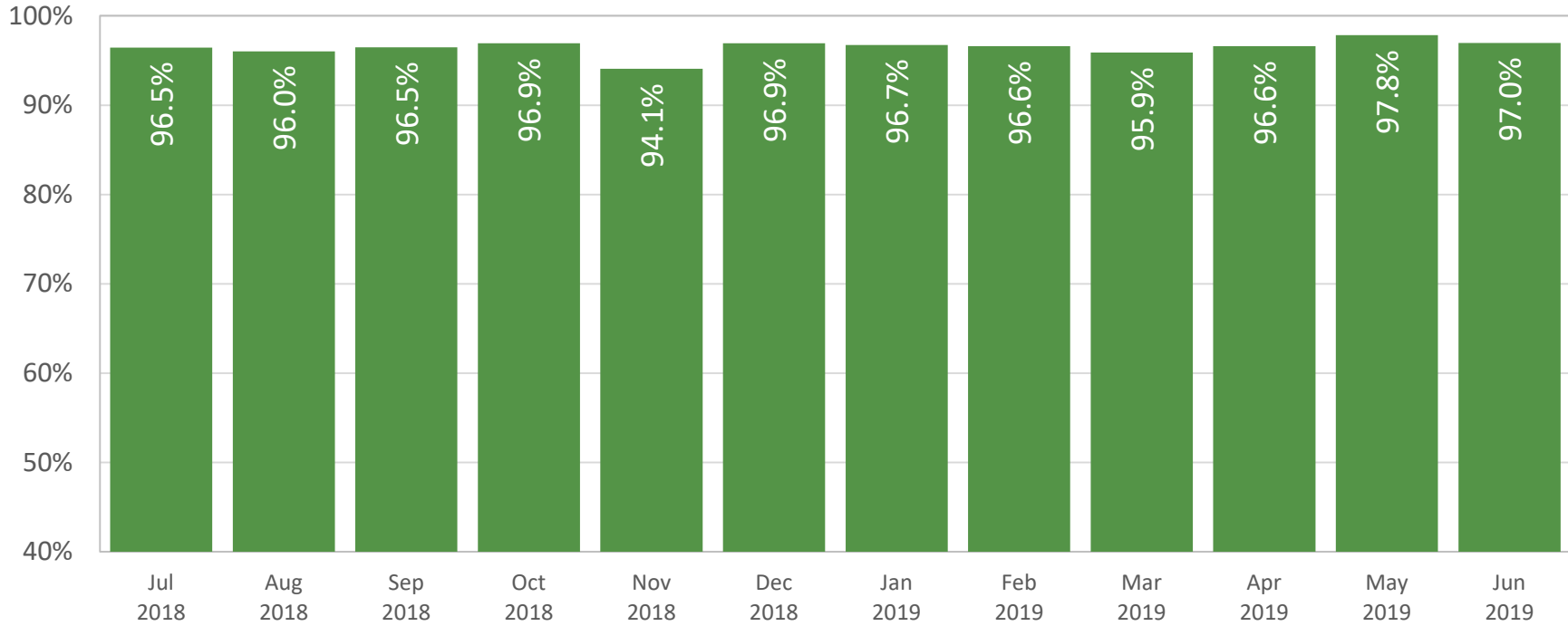
Haverhill Line OTP Within 5 Min



Haverhill Line Performance

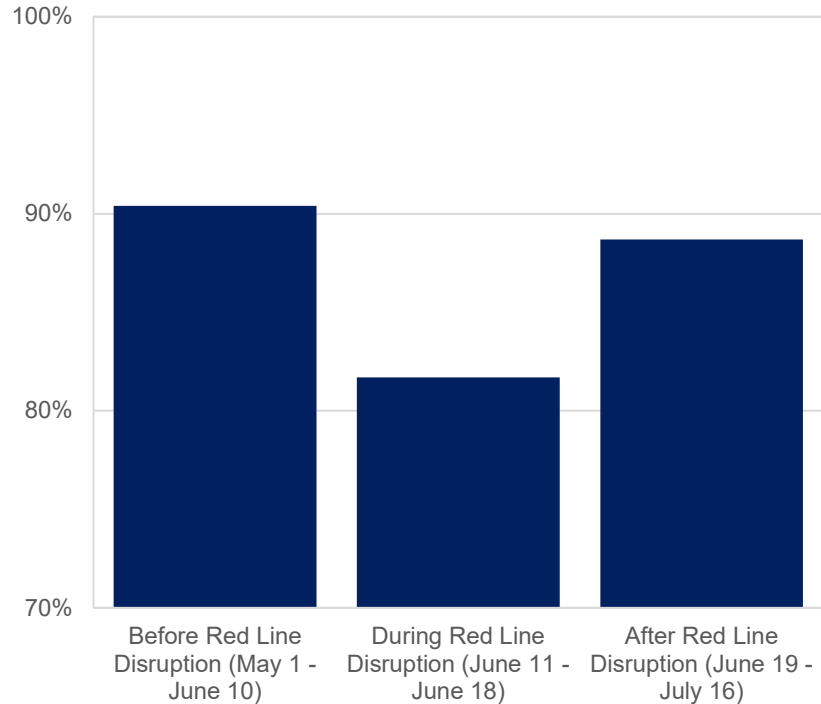


Haverhill Line OTP Within 10 Min



Red Line Shut Down Impact

OTP and the Red Line Disruption



- ⦿ OTP during the Red Line disruption was 81.7%
- ⦿ Additional shuttle service and station stops were added to Old Colony trains to accommodate Red Line passengers
- ⦿ Due to single track, this change caused significant scheduling conflicts between Old Colony trains
- ⦿ The impact spilled over to other lines because trains were no longer arriving to South Station at the right time