

FMCB Commuter Rail Update

August 5th, 2019

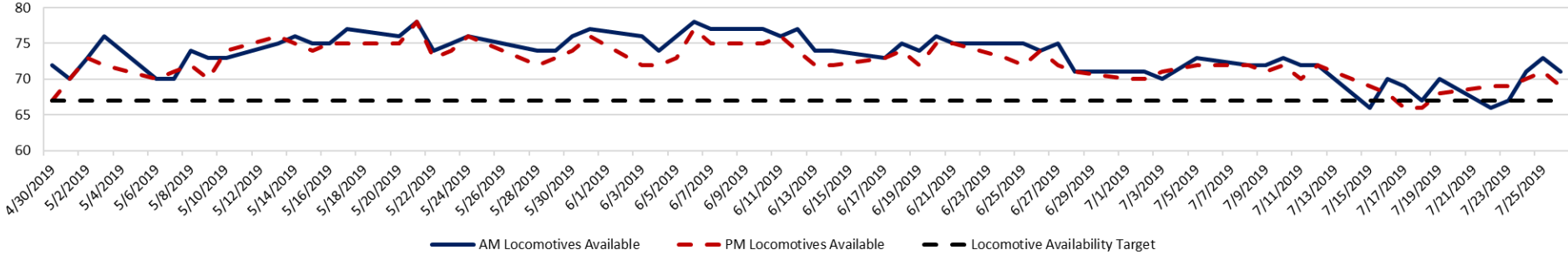




Equipment Availability

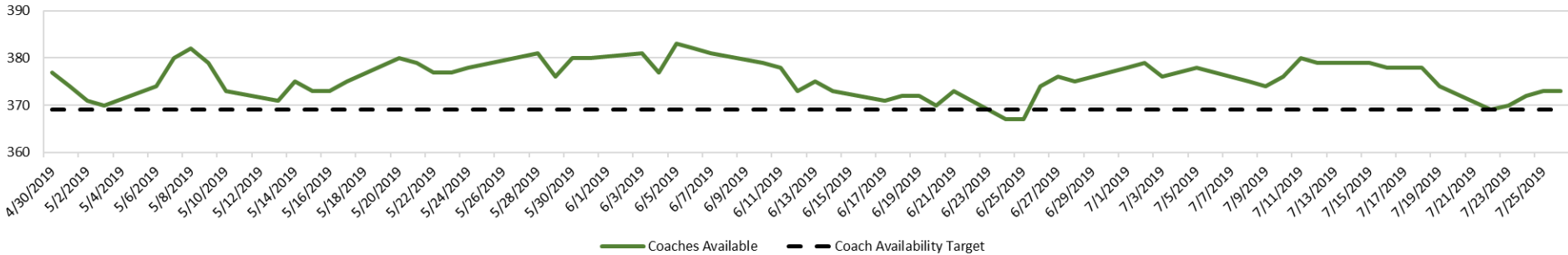
Target: 67 Locomotives Available

Locomotive Availability (last 12 weeks)



Target: 369 Coaches Available

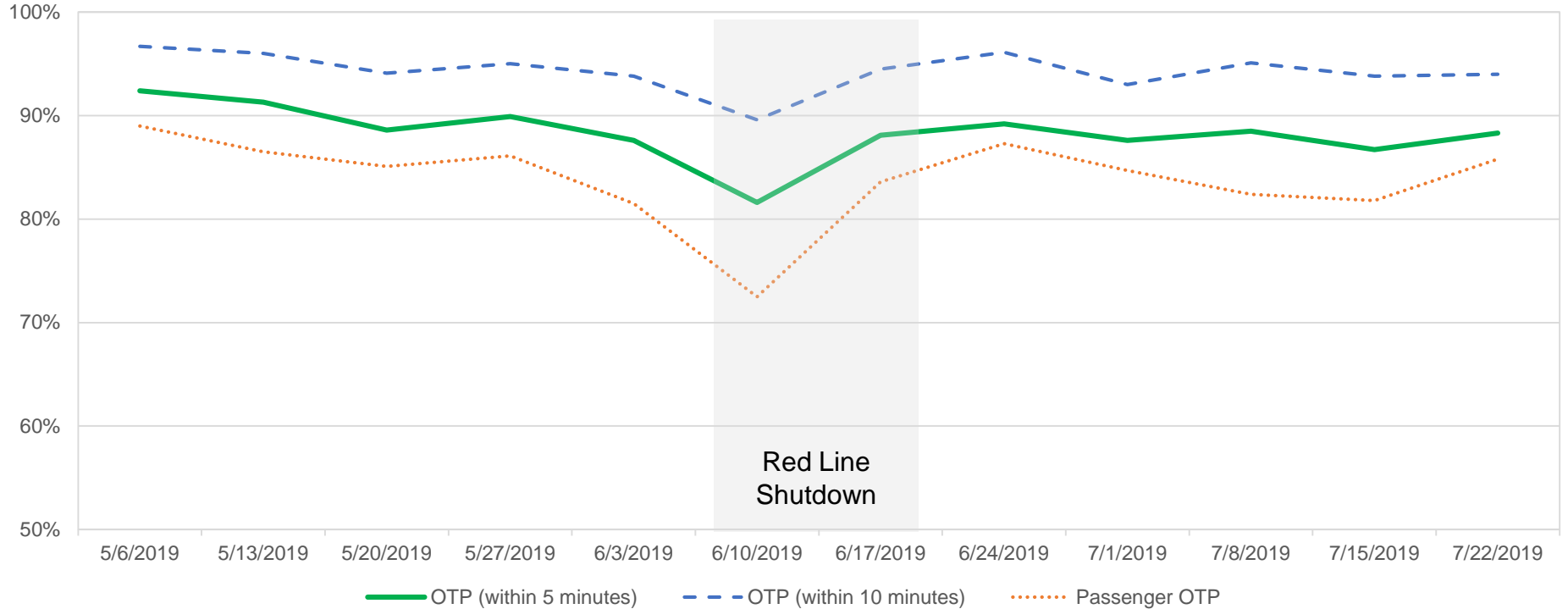
Coach Availability (last 12 weeks)





On Time Performance

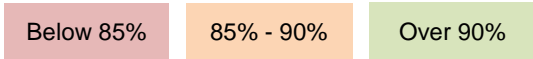
On Time Performance (OTP) by Week



OTP Within 5 Minutes



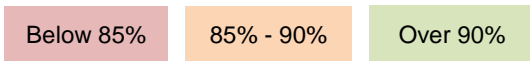
	August 2018	September 2018	October 2018	November 2018	December 2018	January 2019	February 2019	March 2019	April 2019	May 2019	June 2019	July 2019	Trailing Year Average
Fairmount	95.2%	94.1%	97.2%	95.3%	98.3%	96.2%	96.9%	95.7%	94.6%	95.6%	93.2%	92.9%	95.4%
Fitchburg	88.0%	88.1%	87.1%	76.3%	88.4%	88.1%	87.5%	89.3%	92.3%	92.2%	84.1%	79.4%	86.8%
Franklin	80.2%	84.8%	82.8%	79.7%	90.8%	89.5%	90.3%	92.7%	90.9%	90.3%	85.2%	87.3%	87.0%
Greenbush	93.7%	94.7%	94.6%	91.7%	98.0%	94.8%	93.2%	97.0%	89.8%	91.7%	78.8%	90.5%	92.3%
Haverhill	92.6%	92.5%	92.5%	88.6%	93.1%	94.2%	92.5%	92.3%	92.9%	95.7%	91.7%	90.4%	92.4%
Kingston/Plymouth	91.6%	92.7%	90.6%	87.3%	95.4%	92.4%	89.0%	93.7%	91.2%	90.2%	77.7%	85.3%	89.8%
Lowell	93.0%	90.6%	89.6%	85.3%	95.4%	95.0%	91.7%	92.3%	93.2%	94.4%	92.2%	92.4%	92.2%
Middleboro	88.5%	91.8%	91.3%	88.3%	93.6%	87.5%	88.7%	91.1%	81.7%	85.9%	73.6%	79.0%	86.8%
Needham	91.6%	94.6%	89.9%	85.3%	92.2%	92.0%	86.5%	91.6%	88.7%	93.3%	91.4%	86.6%	90.3%
Newburyport	89.8%	92.6%	86.8%	85.3%	94.6%	93.7%	91.6%	92.6%	93.6%	92.8%	92.0%	90.8%	91.3%
Providence	86.6%	84.0%	82.5%	83.0%	89.0%	90.7%	88.4%	86.6%	86.6%	87.2%	81.6%	82.2%	85.7%
Rockport	90.1%	93.4%	86.4%	85.4%	96.2%	95.0%	90.9%	92.9%	90.7%	91.7%	90.4%	86.8%	90.8%
Stoughton	82.7%	84.3%	82.4%	80.1%	90.7%	87.3%	82.9%	85.7%	84.7%	85.6%	83.4%	85.9%	84.6%
Worcester	88.5%	93.3%	85.7%	82.4%	90.5%	88.8%	87.0%	91.1%	89.0%	89.0%	86.6%	85.8%	88.1%
Grand Total	89.4%	90.8%	88.3%	85.2%	93.2%	91.9%	90.0%	91.8%	90.4%	91.4%	86.6%	87.1%	89.7%



OTP Within 10 Minutes



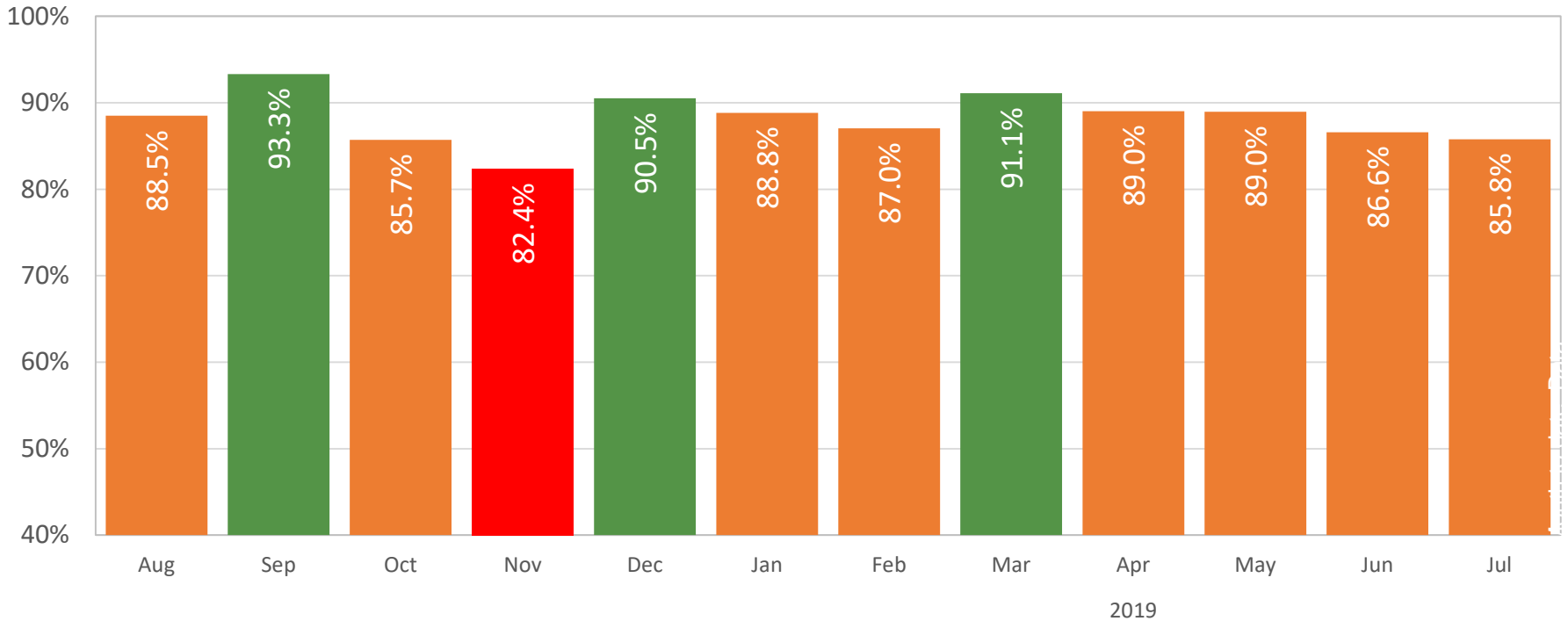
	August 2018	September 2018	October 2018	November 2018	December 2018	January 2019	February 2019	March 2019	April 2019	May 2019	June 2019	July 2019	Trailing Year Average
Fairmount	97.2%	97.2%	98.6%	98.0%	99.5%	97.5%	98.2%	97.9%	96.6%	97.7%	96.5%	96.9%	97.6%
Fitchburg	94.4%	93.7%	93.6%	85.7%	94.4%	93.5%	91.9%	95.1%	95.9%	95.5%	93.3%	88.3%	93.0%
Franklin	89.2%	92.2%	91.0%	90.9%	96.3%	95.0%	93.3%	96.6%	96.1%	95.5%	92.1%	95.2%	93.6%
Greenbush	96.8%	96.5%	96.9%	95.1%	98.6%	96.7%	96.0%	98.5%	94.7%	96.7%	88.9%	94.9%	95.9%
Haverhill	96.0%	96.5%	96.9%	94.1%	96.9%	96.7%	96.6%	95.9%	96.6%	97.8%	97.0%	94.2%	96.3%
Kingston/Plymouth	96.0%	96.2%	94.7%	91.0%	98.0%	94.5%	93.8%	97.3%	95.7%	94.5%	87.0%	93.3%	94.4%
Lowell	97.4%	96.5%	95.5%	94.4%	98.5%	97.5%	96.5%	95.3%	98.0%	97.7%	97.3%	96.2%	96.7%
Middleboro	92.2%	95.1%	94.7%	93.5%	97.4%	93.2%	92.7%	95.5%	90.5%	92.1%	83.4%	90.9%	92.6%
Needham	96.6%	98.7%	95.3%	93.4%	97.3%	97.6%	93.7%	97.9%	94.2%	97.4%	95.9%	96.0%	96.1%
Newburyport	96.1%	97.6%	93.5%	94.1%	97.8%	96.4%	94.8%	96.9%	96.4%	97.3%	96.5%	94.4%	96.0%
Providence	93.9%	92.5%	91.9%	90.8%	95.4%	95.3%	93.6%	94.6%	94.0%	93.9%	91.9%	90.7%	93.2%
Rockport	94.6%	98.1%	93.8%	91.8%	98.0%	98.3%	94.8%	95.8%	94.8%	96.4%	95.8%	93.0%	95.4%
Stoughton	90.3%	92.8%	89.8%	90.6%	94.8%	95.5%	88.2%	92.7%	91.6%	93.5%	91.8%	92.7%	92.0%
Worcester	93.7%	96.5%	91.9%	91.9%	95.5%	94.8%	91.9%	95.5%	95.7%	95.3%	93.1%	91.9%	94.0%
Grand Total	94.6%	95.7%	94.1%	92.6%	97.0%	95.9%	94.2%	96.1%	95.4%	96.0%	93.4%	93.5%	94.9%



Worcester Line Performance



Worcester Line OTP Within 5 Min

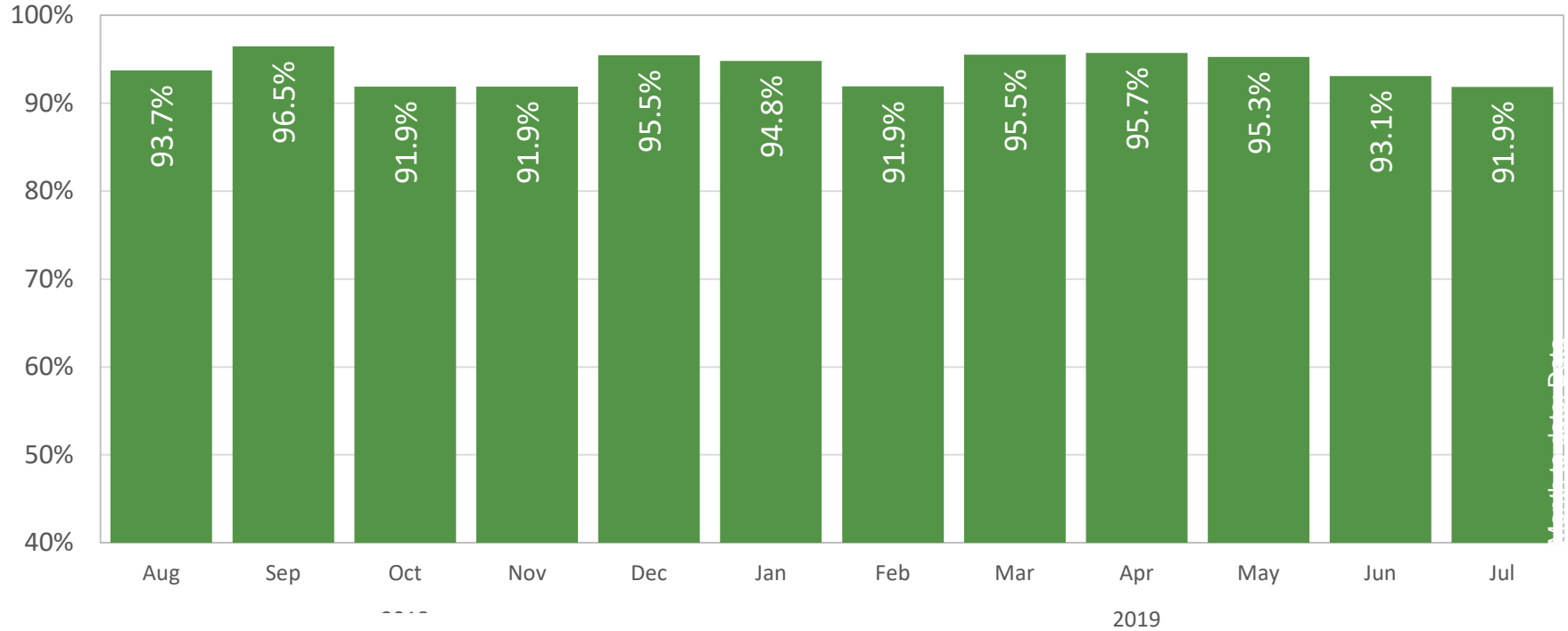


2019

Worcester Line Performance



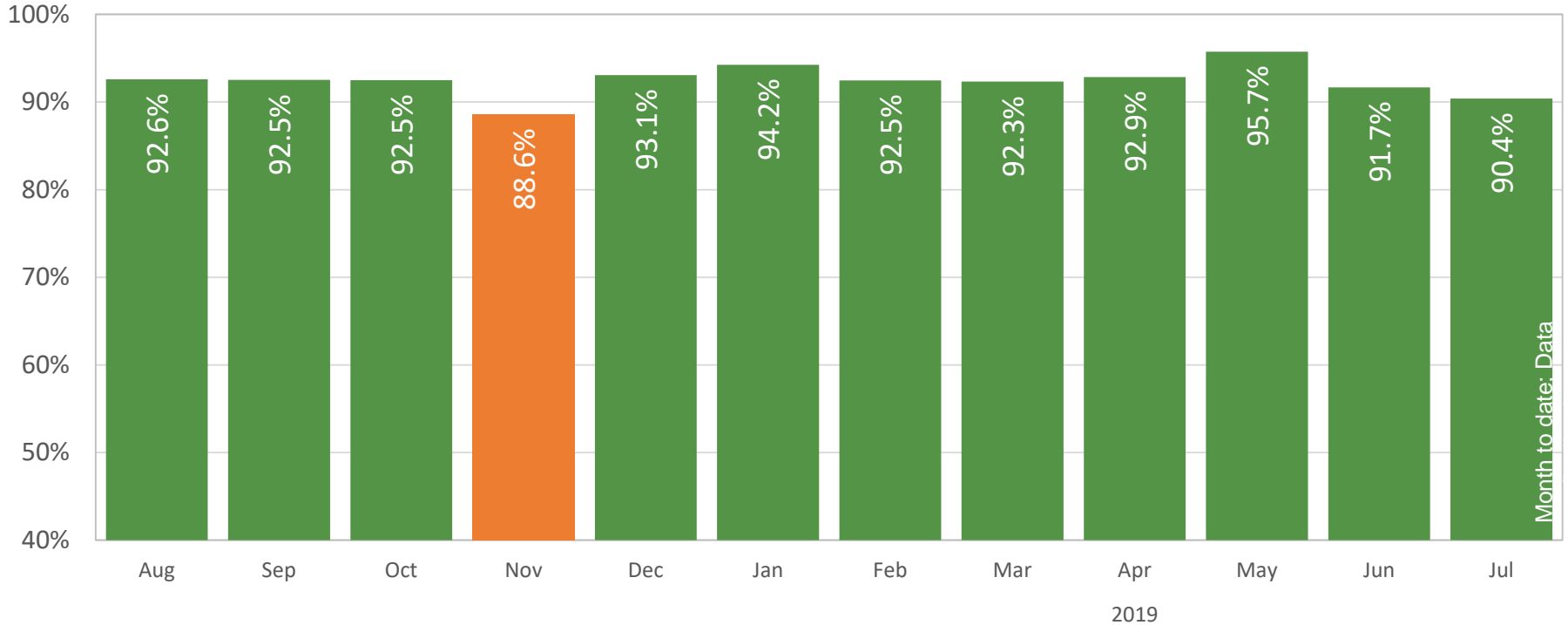
Worcester Line OTP Within 10 Min



Haverhill Line Performance



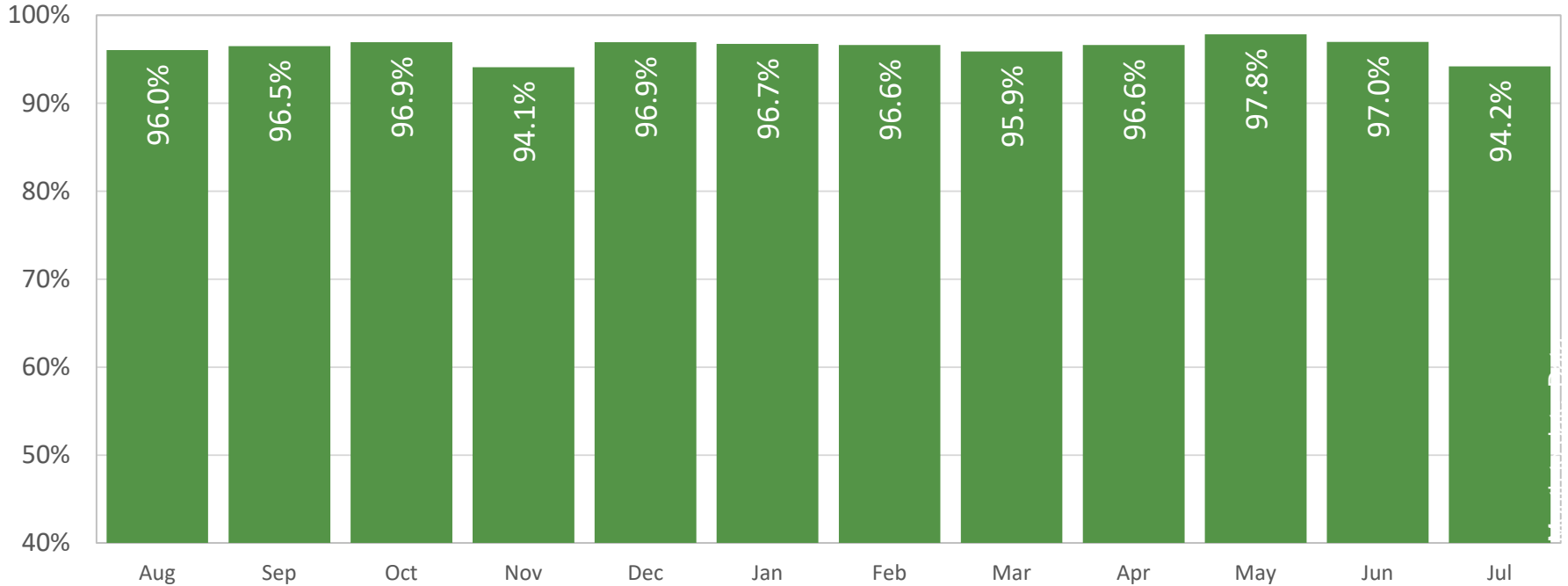
Haverhill Line OTP Within 5 Min



Haverhill Line Performance



Haverhill Line OTP Within 10 Min



2019



Factors Affecting July Performance

- ⦿ Amtrak heat-related switch, signal, and track issues
- ⦿ Extreme heat causing equipment issues with 69% of non-PTC locomotive issues occurring on the legacy fleet
- ⦿ Learning curve with PTC system (especially on Fitchburg Line)
- ⦿ Continuing high ridership on Old Colony trains