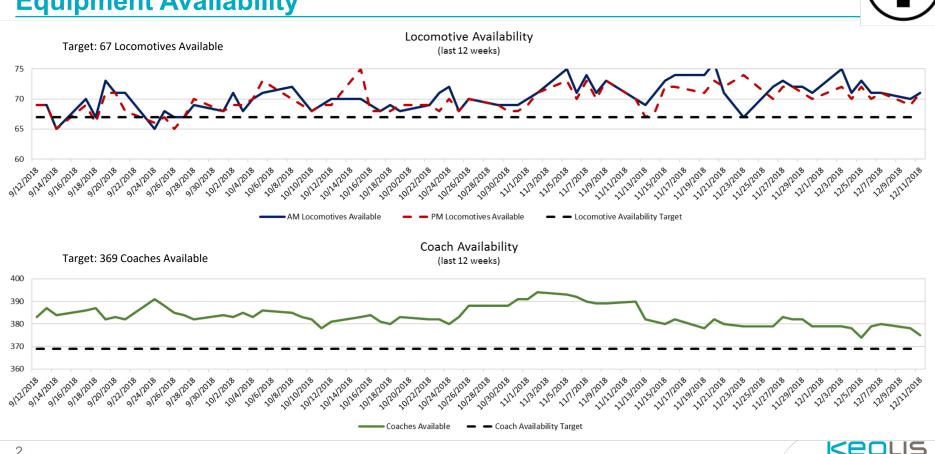
FMCB Commuter Rail Update

↑ EMERGENCY ENTRY ↑

December 17, 2018

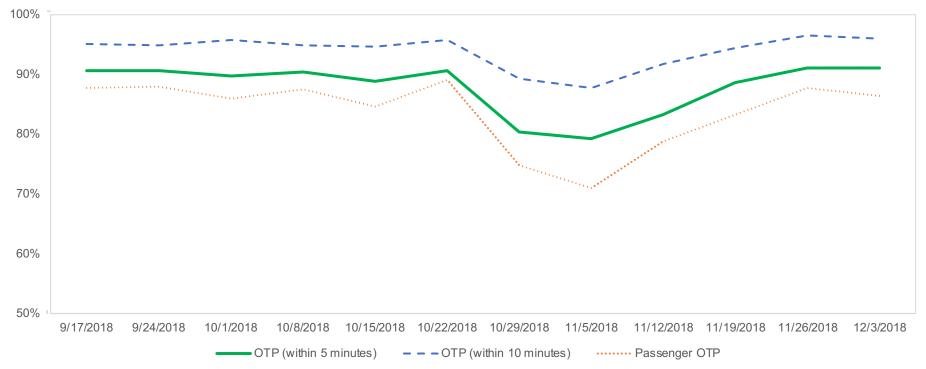
Equipment Availability



On Time Performance







OTP Within 5 Minutes

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-	December 2017	January 2018	February 2018	March 2018	April 2018	May 2018	June 2018	July 2018	August 2018	September 2018	October 2018	November 2018	Trailing Year Average
Fairmount	97.9%	92.9%	96.8%	96.4%	97.9%	97.9%	95.3%	96.8%	95.2%	94.1%	97.2%	95.3%	96.1%
Fitchburg	84.6%	76.0%	91.7%	87.5%	86.7%	84.9%	87.0%	85.5%	88.0%	88.1%	87.1%	76.3%	85.2%
Franklin	87.3%	82.5%	91.8%	88.6%	89.2%	82.5%	84.9%	77.8%	80.2%	84.8%	82.8%	79.7%	84.2%
Greenbush	95.3%	90.7%	94.5%	85.7%	98.0%	94.6%	95.4%	93.5%	93.7%	94.7%	94.6%	91.7%	93.5%
Haverhill	86.9%	82.7%	88.9%	82.4%	90.6%	93.9%	93.0%	92.3%	92.6%	92.5%	92.5%	88.6%	89.8%
Kingston/Plymouth	95.0%	88.7%	93.8%	84.8%	94.0%	93.0%	90.1%	90.2%	91.6%	92.7%	90.6%	87.3%	91.0%
Lowell	89.9%	80.1%	91.4%	84.9%	90.9%	89.2%	92.7%	91.8%	93.0%	90.6%	89.6%	85.3%	89.0%
Middleboro	91.9%	91.3%	89.7%	85.6%	95.7%	90.3%	89.4%	88.1%	88.5%	91.8%	91.3%	88.3%	90.1%
Needham	91.4%	87.6%	95.3%	90.0%	91.4%	90.2%	92.0%	88.8%	91.6%	94.6%	89.9%	85.3%	90.6%
Newburyport	88.7%	76.1%	93.1%	85.8%	92.2%	92.7%	92.7%	91.9%	89.8%	92.6%	86.8%	85.2%	88.9%
Providence	88.9%	83.0%	92.2%	88.1%	86.5%	87.8%	87.1%	81.4%	86.6%	84.0%	82.5%	83.0%	85.9%
Rockport	87.5%	76.6%	92.4%	85.5%	92.7%	93.8%	92.2%	93.4%	90.1%	93.4%	86.4%	85.4%	89.1%
Stoughton	86.9%	83.0%	89.7%	86.5%	86.9%	87.1%	88.7%	81.1%	82.7%	84.3%	82.4%	80.1%	84.9%
Worcester	93.9%	86.7%	92.0%	89.6%	90.8%	88.0%	83.0%	78.9%	88.5%	93.3%	85.7%	82.4%	87.8%
Grand Total	90.4%	83.9%	92.4%	87.5%	91.4%	90.3%	90.0%	87.8%	89.4%	90.8%	88.3%	85.2%	88.9%

4 * November and December data not yet finalized

Below 85% 85% - 90%

% Over 90%



OTP Within 10 Minutes



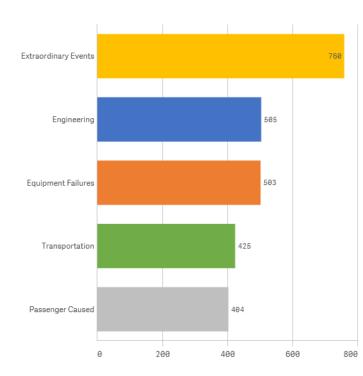
5 * November and December data not yet finalized

Below 85% 85% - 90%

Over 90%



November OTP



 November OTP was largely driven by the impact of leaf fall in wet conditions; the cause of over 18% of all primary delays, during the heaviest Oct-Nov rainfall in 10 years

 Significant rail contamination (black rail) across the network on November 4th and 5th, due to unusually heavy leaf fall, led to safety restrictions; these two days alone made up 16% of all delays

 Despite these results, the new rail-wash equipment worked well, helping to mitigate the effects of slippery rail

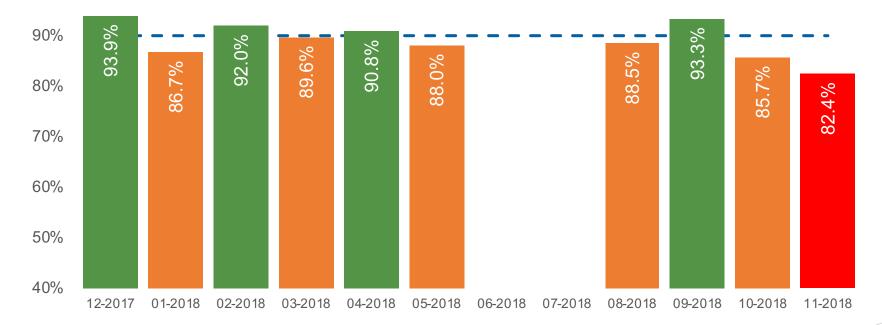


Worcester Line Plan



Worcester Line OTP Within 5 Min

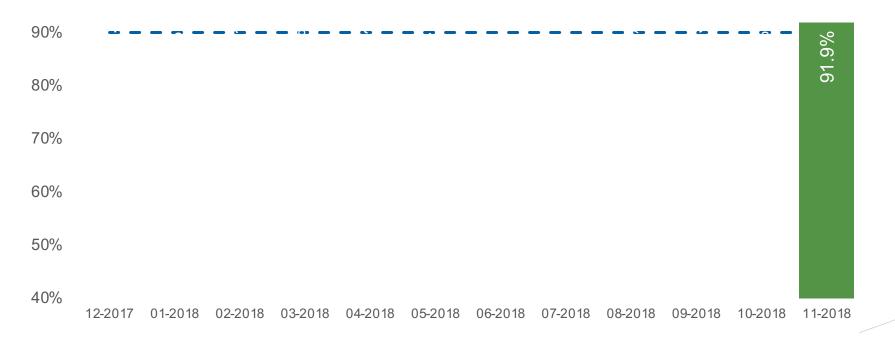
100% =



Worcester Line Plan



Worcester Line OTP Within 10 Min





100% =



• Since June, the Worcester Line has been affected by planned works, including Positive Train Control (PTC) and required state of good repair maintenance.

• As with the rest of the network, railhead conditions were a significant factor during the month, as were mechanical related problems.

December performance is 88% through December 13th, including a 100% weekday on December 11th.

⊙ Overall 2018 performance is 87.2%, versus 79.6% in 2015 – 2017.

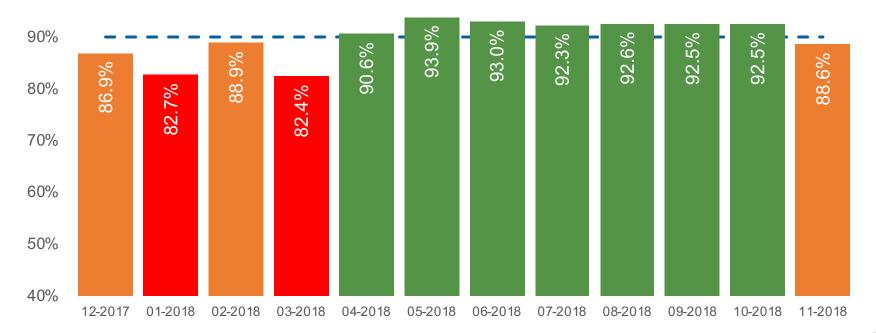


Haverhill Line Plan



Haverhill Line OTP Within 5 Min

100% =



Haverhill Line Plan



Haverhill Line OTP Within 10 Min

100% =

