

## UNION PACIFIC - 2018

### MONTHLY PERFORMANCE MEASURES

MEASURE	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
<b>AAR Train Speed (MPH)</b>												
Intermodal	34.7	33.4	33.4	33.4	32.8	30.9	31.2	31.2	31.1	30.9	31.3	31.4
Manifest	23.2	22.4	22.5	23.2	23.6	22.6	23.0	22.3	22.5	22.5	23.2	23.7
Auto	27.9	26.0	25.9	26.2	26.5	25.0	24.7	24.6	24.8	24.9	25.7	26.5
Coal	28.7	28.1	28.8	28.8	28.4	27.1	26.5	26.7	27.5	27.2	27.9	28.2
Grain	25.3	24.2	24.3	25.4	25.2	23.6	24.8	23.9	24.6	24.3	24.3	25.4
<b>System</b>	<b>27.2</b>	<b>26.1</b>	<b>26.1</b>	<b>26.7</b>	<b>26.7</b>	<b>25.5</b>	<b>25.7</b>	<b>25.3</b>	<b>25.6</b>	<b>25.5</b>	<b>26.1</b>	<b>26.6</b>

<b>Terminal Dwell (Hours)</b>												
Proviso - NZ021	45.9	41.8	43.8	33.3	35.4	37.4	36.4	35.8	37.8	39.3	34.1	32.8
Ft Worth - TP250	30.6	30.9	33.7	32.7	28.7	30.0	32.7	31.6	28.8	27.6	25.9	26.0
Englewood - LS372	35.3	32.8	38.5	32.9	27.8	28.5	28.2	32.6	29.8	30.7	29.3	29.6
Livonia - TB114	35.5	38.4	39.4	31.4	27.7	30.0	27.5	29.1	31.0	29.3	26.6	24.9
North Little Rock - X344	33.7	29.4	31.3	31.5	32.4	32.0	31.1	33.5	30.6	31.8	29.9	28.2
North Platte East	35.0	36.5	26.6	26.9	27.5	25.3	25.0	25.2	25.1	24.5	23.1	24.4
North Platte West	45.2	40.9	28.0	29.0	29.9	27.7	27.4	27.6	26.6	27.7	26.7	29.8
Pine Bluff - JH404	34.9	31.9	34.6	32.3	33.9	33.1	33.3	30.3	33.3	31.4	28.3	25.7
Roseville - RV323	50.5	40.8	35.9	38.5	35.0	31.4	33.9	30.4	29.3	28.9	27.9	27.6
West Colton - SP760	55.3	45.4	37.8	36.1	38.2	33.7	38.7	37.0	35.3	33.5	30.5	27.4
<b>System</b>	<b>35.2</b>	<b>32.8</b>	<b>31.8</b>	<b>30.2</b>	<b>29.5</b>	<b>29.5</b>	<b>29.8</b>	<b>29.3</b>	<b>29.1</b>	<b>26.8</b>	<b>26.5</b>	<b>26.4</b>

Effective December 2, 2019, the definition of arrival and departure, which is used to calculate train speed and car dwell, was modified to more clearly define span of control between line of road and terminal operations. Historical train speed and car dwell numbers above were restated for comparison purposes and match the data sent to the STB on December 18, 2019.