

COVID-19

Rail Freight Recovery Index

Developed by FTR | Transportation Intelligence™

May 20, 2020

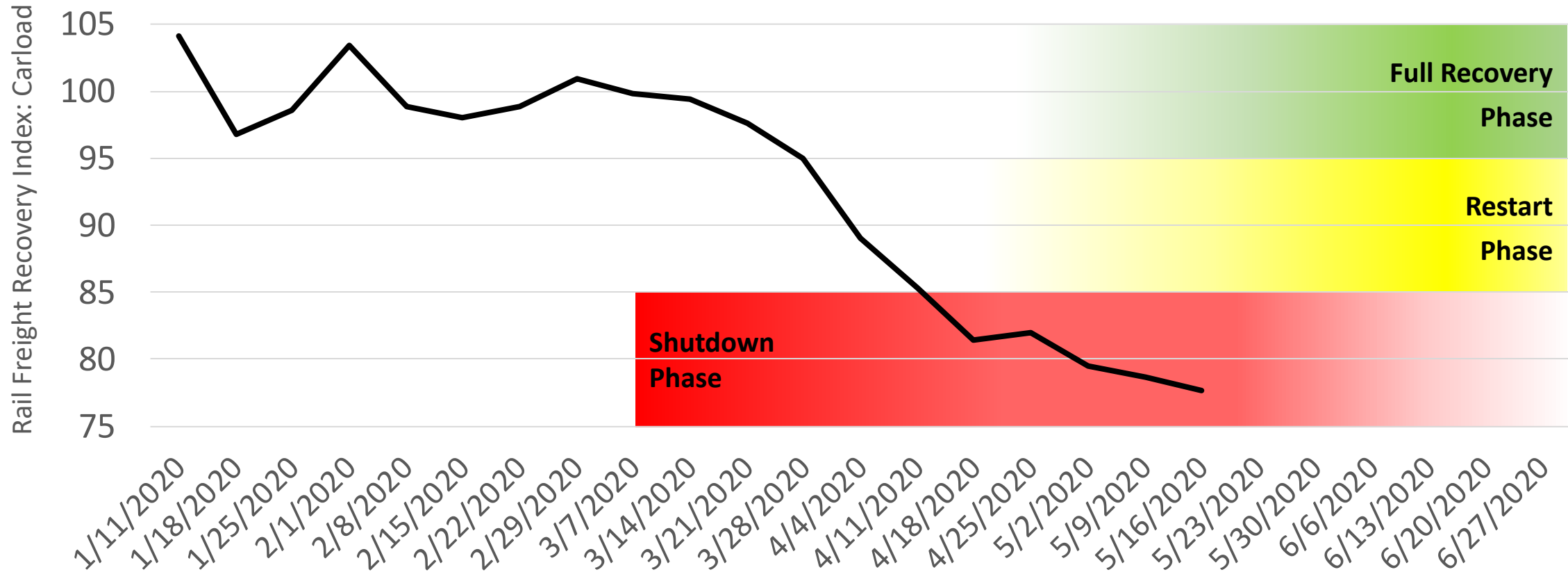
A measure of the railroad's response and recovery due to the COVID-19 pandemic.

Intermodal has stabilized at a low level, but carload markets are still weakening

- **N.A. Carload**
 - The carload environment is still struggling to find a bottom despite trucking and intermodal both finding theirs.
 - Current Level: **77.7** // No bottom has been identified yet
- **N.A. Intermodal**
 - Intermodal ticked up ever so slightly in the latest week, but the index has been stable the last 4 weeks.
 - Current Level: **90.3** // Bottomed at 85.2 the week ending 4/18/2020
- **Economically Sensitive Freight**
 - When we exclude Ag, Petroleum, and Coal we are finally seeing a potential bottom forming.
 - Current Level: **73.1** // Current bottom is 72.9 for the week ending 5/9/2020
- **Other Segments:**
 - **Automotive:** Current Level: **12.4** // Bottomed at 9.2 the week ending 4/18/2020
 - **Energy:** Current Level: **75.4** // No bottom has been identified as this segment continues to trend lower

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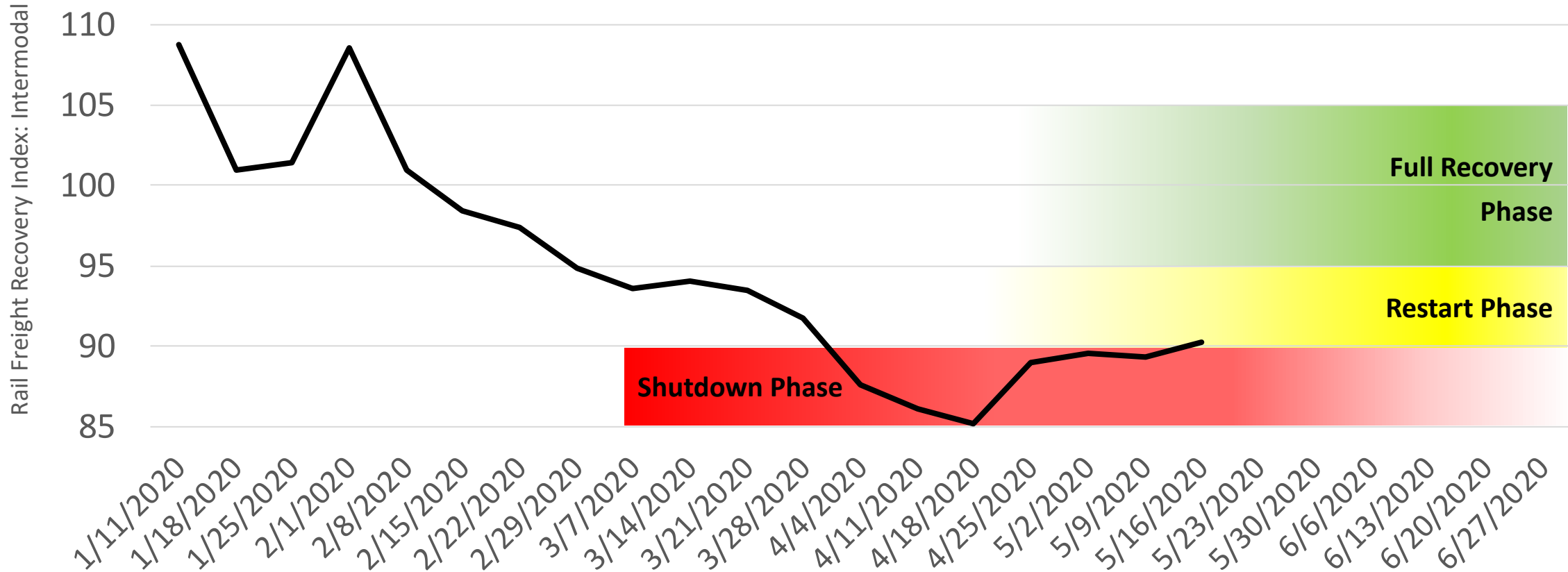
N.A. Carload (100 = Full recovery to pre-pandemic volumes)



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N.A. Intermodal (100 = Full recovery to pre-pandemic volumes)

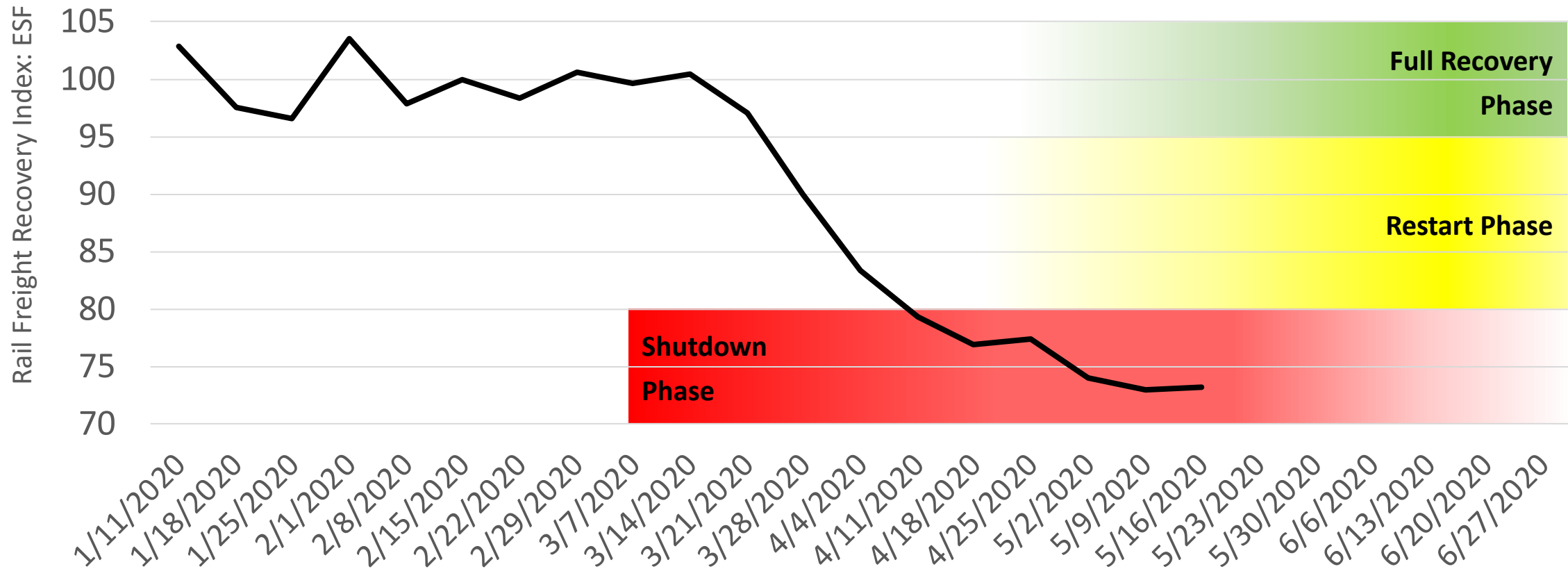


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Source: AAR, FTR
Analysis by FTR | Transportation Intelligence™ of AAR Weekly Rail Traffic Report

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Economically Sensitive Freight (excludes Ag/Petro/Coal) 100 = Full recovery to pre-pandemic volumes)

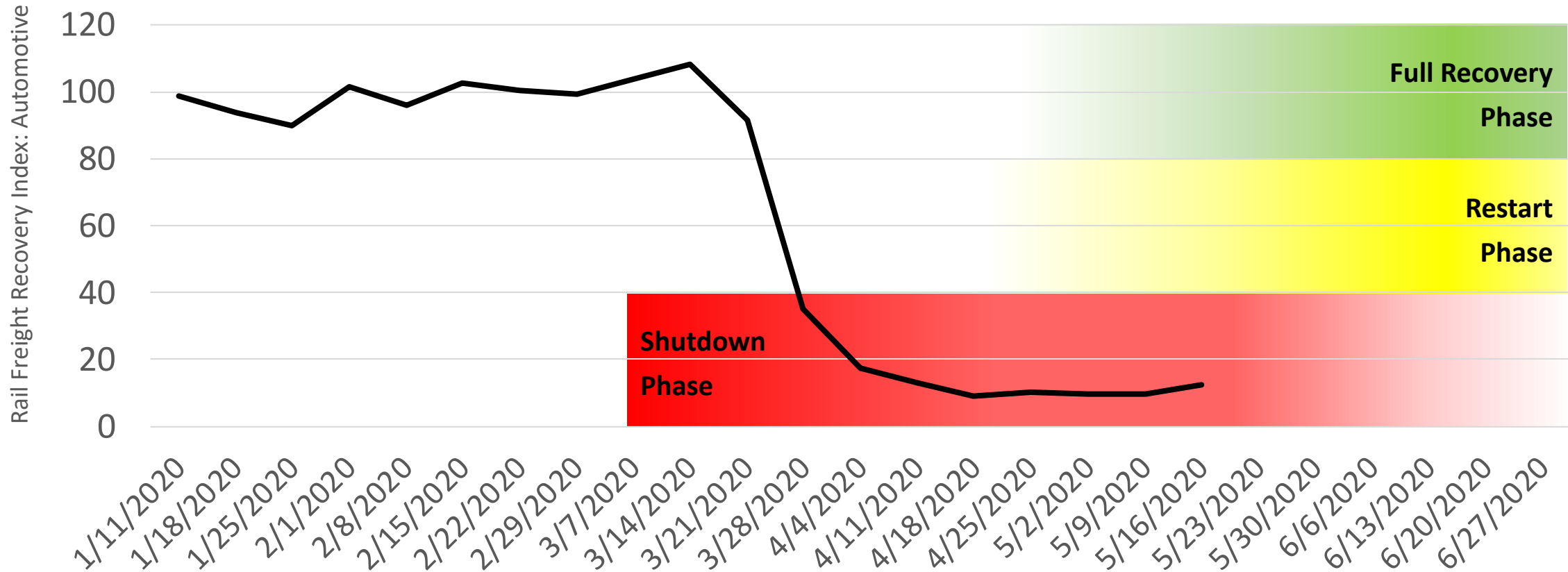


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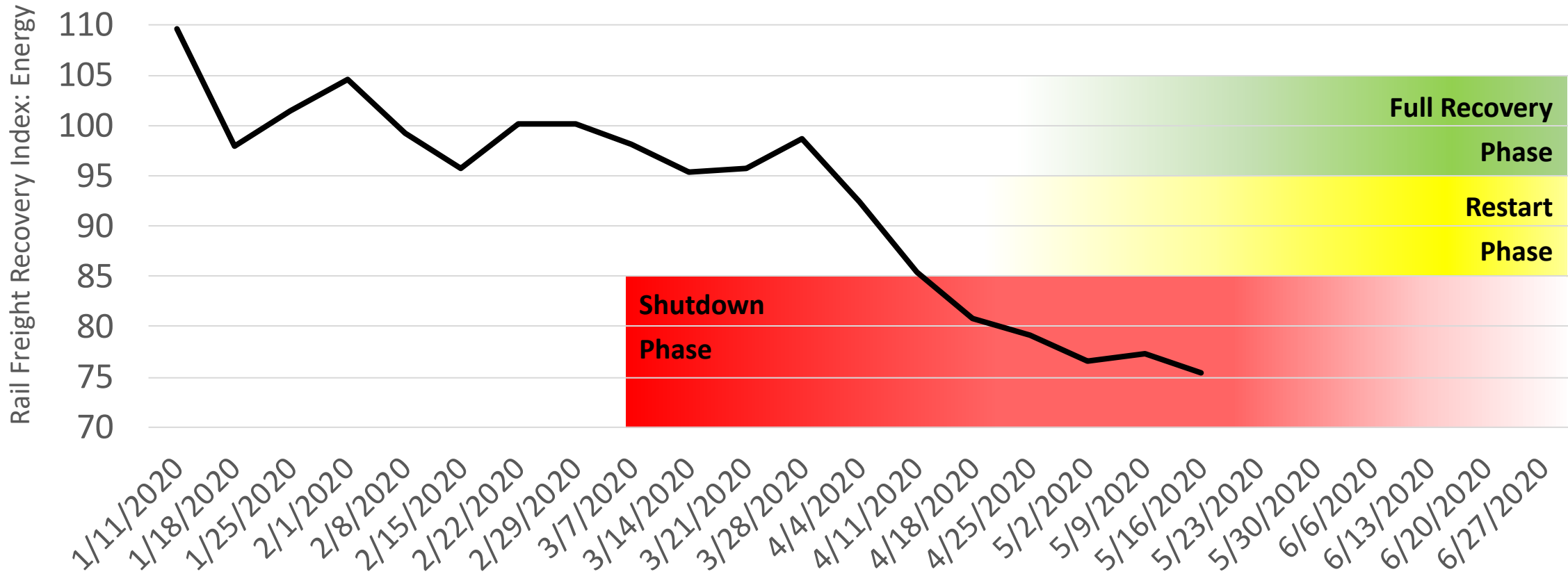
Automotive (100 = Full recovery to pre-pandemic volumes)



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Energy (Includes Petroleum & Coal) (100 = Full recovery to pre-pandemic volumes)



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Definition and Methodology

- **Definition**

- A measure of the railroad industry's response and recovery due to the COVID-19 pandemic.
- 100 = Full recovery to seasonally-adjusted pre-pandemic volume levels.

- **Methodology**

- Compares weekly railroad volumes to the average of that week for the last 5 years.
- Indexes utilize all 22 commodity segments in the AAR Weekly Rail Traffic report.
- Data is indexed to February 2020. The index measures the changes in volumes compared to the historical 5-year pattern and adjusted by February 2020 results.
- The index accounts for normal seasonal fluctuations in railroad volumes.
 - *An index level of 100 indicates that volumes have returned to pre-pandemic levels if normal seasonal patterns had occurred.*
- Analyzed for both Intermodal and Carload.
 - *Plus, several sub-segments of Carload are analyzed (Economically Sensitive Freight, Automotive, Energy).*