

## **FRA REPORTS ON FATIGUE**

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Analysis of the Relationship between Operator Effectiveness Measures and Economic Impacts of Rail Accidents

[http://www.fra.dot.gov/rpd/downloads/TR\\_Economic\\_Analysis\\_of\\_Rail\\_Accidents\\_and\\_Effectiveness\\_final.pdf](http://www.fra.dot.gov/rpd/downloads/TR_Economic_Analysis_of_Rail_Accidents_and_Effectiveness_final.pdf)

Work Schedules and Sleep Patterns of Railroad Train and Engine Service Employees in Passenger Operations

[http://www.fra.dot.gov/rpd/downloads/TR\\_Work\\_Schedules\\_and\\_Sleep\\_Patterns\\_final.pdf](http://www.fra.dot.gov/rpd/downloads/TR_Work_Schedules_and_Sleep_Patterns_final.pdf)

Work Schedule Manager Gap Analysis: Assessing the Future Training Needs of Work Schedule Managers Using a Strategic Job Analysis Approach

[http://www.fra.dot.gov/downloads/Research/Work\\_Schedule\\_Manager\\_Gap\\_Analysis.pdf](http://www.fra.dot.gov/downloads/Research/Work_Schedule_Manager_Gap_Analysis.pdf)

Training and Certification of Work Schedule Managers May Improve Shift Scheduling Practices [http://www.fra.dot.gov/rpd/downloads/RR\\_Gap%20Analysis\\_final\\_1103.pdf](http://www.fra.dot.gov/rpd/downloads/RR_Gap%20Analysis_final_1103.pdf)

### [Measurement and Estimation of Sleep in Railroad Worker Employees](#)

[http://www.fra.dot.gov/rpd/downloads/RR\\_Measurement\\_and\\_estimation\\_of\\_Sleep\\_final\\_1102.pdf](http://www.fra.dot.gov/rpd/downloads/RR_Measurement_and_estimation_of_Sleep_final_1102.pdf)

Procedures for Validation and Calibration of Human Fatigue Models: The Fatigue Audit InterDyne Tool

[http://www.fra.dot.gov/rpd/downloads/TR\\_Procedures\\_or\\_Validation\\_and\\_Calibration\\_final.pdf](http://www.fra.dot.gov/rpd/downloads/TR_Procedures_or_Validation_and_Calibration_final.pdf)

The Railroad Fatigue Risk Management Program at the Federal Railroad Administration: Past, Present and Future.

<http://www.fra.dot.gov/downloads/safety/fatiguewhitepaper112706.pdf>

Validation and Calibration of a Fatigue Assessment Tool for Railroad Work Schedules, Final Report

<http://www.fra.dot.gov/downloads/Research/ord0804.pdf>

Validation and Calibration of a Fatigue Assessment Tool for Railroad Work Schedules - Summary Report

<http://www.fra.dot.gov/downloads/Research/ord0621.pdf>

Work Schedules and Sleep Patterns of Railroad Train and Engine Service Workers

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Work Schedules and Sleep Patterns of Railroad Dispatchers  
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A Preliminary Examination of Railroad Dispatcher Workload, Stress, and Fatigue  
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*[Fatigue models as practical tools: diagnostic accuracy and decision thresholds.](#)*

*[Fatigue and alertness in the United states railroad industry, Part II: Fatigue research in the Office of Research and Development at the FRA.](#)*

*[Reducing Railroad Dispatcher Fatigue with Alternative Work Schedules](#)*

Work Schedules and Sleep Pattern Survey Data  
<http://www.fra.dot.gov/us/content/1982>

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Passenger Hours of Service Regulation  
<http://www.gpo.gov/fdsys/pkg/FR-2011-08-12/pdf/2011-20290.pdf>