

# Abbreviations

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| 3-R Act | Regional Rail Reorganization Act of 1973   |
| 4-R Act | Railroad Revitalization and Regulatory Reform Act of 1976                          |
| AAR     | Association of American Railroads  |
| AASHTO  | American Association of State Highway and Transportation Officials                 |
| AES     | Automated Export System  |
| AFTC    | Agricultural and Food Transporters Conference                                      |
| AMS     | Agricultural Marketing Service, USDA   |
| ASCE    | American Society of Civil Engineers  |
| ATA     | American Trucking Association  |
| BEA     | Bureau of Economic Analysis  |
| BLS     | Bureau of Labor Statistics   |
| BN      | Burlington Northern Railroad   |
| BNSF    | Burlington Northern Santa Fe Railway   |
| BSE     | Bovine spongiform encephalopathy, popularly called “mad cow disease”               |
| Btu     | British thermal unit   |
| CAAP    | San Pedro Bay Ports Clean Air Action Plan  |
| CADRS   | Consumer Affairs and Dispute Resolution Services, FMC                              |
| CAGR    | Compound annual growth rate  |
| CAPM    | Capital Asset Pricing Model, a method of estimating the cost of equity             |
| CARB    | California Air Resources Board   |
| CBO     | Congressional Budget Office  |
| CBP     | Customs and Border Protection  |
| CCC     | Commodity Credit Corporation   |
| CFS     | Commodity Flow Survey  |
| CMP     | Constrained Market Pricing   |
| CN      | Canadian National Railways   |
| COFC    | Container on flat car, shipping container carried by rail                          |
| Corps   | U.S. Army Corps of Engineers   |
| CP      | Canadian Pacific Railway   |
| CRD     | USDA’s Crop Reporting Districts  |
| CSX     | CSX Transportation, a Class I railroad   |
| CVSA    | Commercial Vehicle Safety Alliance   |
| CWS     | Carload Waybill Sample   |
| DCF     | Discounted Cash Flow, a method of estimating the cost of equity                    |
| DDGS    | Dried distillers grains with solubles, a co-product of distilling corn ethanol     |
| DOT     | U.S. Department of Transportation < <a href="http://www.dot.gov">www.dot.gov</a> > |
| DRIA    | Draft Regulatory Impact Analysis   |
| dwt     | Deadweight tonnage; The total carrying capacity of a ship in metric tons.          |

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| EBIT   | Earnings before interest and taxes   |
| EBITDA | Earnings before interest, taxes, depreciation, and amortization  |
| EIA    | U.S. Energy Information Administration, DOE < <a href="http://www.eia.doe.gov">www.eia.doe.gov</a> >   |
| ERS    | Economic Research Service, USDA < <a href="http://www.ers.usda.gov">www.ers.usda.gov</a> >   |
| EPA    | U.S. Environment Protection Agency   |
| EU     | European Union   |
| FAO    | Food and Agriculture Organization of the United Nations<br>< <a href="http://www.fao.org">http://www.fao.org</a> >   |
| FGIS   | Federal Grain Inspection Service, GIPSA, USDA  |
| FAF    | Freight Analysis Framework, a DOT database   |
| FAS    | Foreign Agriculture Service, USDA < <a href="http://www.fas.usda.gov">www.fas.usda.gov</a> >   |
| FATUS  | Foreign Agricultural Trade of the United States<br>< <a href="http://www.fas.usda.gov/ustrade/USTExFatus.asp?QI">http://www.fas.usda.gov/ustrade/USTExFatus.asp?QI</a> > |
| FCS    | Freight Commodities Statistics   |
| FHWA   | Federal Highway Administration, DOT  |
| FIPS   | Federal Information Processing Standards, geographic region used by<br>Commerce's NIST   |
| FEU    | Forty-foot equivalent unit, a standard size of shipping container.<br>Equivalent to two TEUs   |
| FFV    | Flex Fuel Vehicles   |
| FMC    | Federal Maritime Commission  |
| FRA    | Federal Railway Administration, DOT  |
| FTR    | Foreign Trade Regulations  |
| FY     | Fiscal year  |
| GAO    | Government Accountability Office   |
| GDP    | Gross Domestic Product   |
| GIPSA  | Grain Inspection, Packers and Stockyards Administration, USDA  |
| GIS    | Geographic Information System; map-making software   |
| HHI    | Herfindahl-Hirschman Indices, an economic analysis tool  |
| HMTF   | Harbor Maintenance Trust Fund,   |
| hp     | Horsepower   |
| ICC    | Interstate Commerce Commission   |
| ICCTA  | The Interstate Commerce Commission Termination Act of 1995   |
| ILUC   | Indirect Land Use Change   |
| IWUB   | Inland Waterways Users Board   |
| IWTF   | Inland Waterways Trust Fund  |
| KCPL   | Kansas City Power & Light  |
| KCS    | Kansas City Southern Railway, a Class I railroad   |
| kwh    | Kilowatt hours   |
| LCFS   | Low Carbon Fuel Standard   |
| LMI    | Lerner Markup Indexes  |
| M&NA   | Missouri & Northern Arkansas Railroad  |
| MARAD  | Maritime Administration, DOT   |
| mdwt   | Million deadweight tons  |

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| mgy        | million gallons per year  |
| mmt        | Million metric tons   |
| MSDCF      | Multi-stage discounted cash flow model, a method of estimating the cost of equity   |
| NAFTA      | North American Free Trade Agreement   |
| NASS       | National Agricultural Statistics Service, USDA<br>< <a href="http://www.nass.usda.gov">http://www.nass.usda.gov</a> >   |
| NCEP       | National Commission on Energy Policy  |
| NESP       | Navigation and Ecosystem Sustainability Program   |
| NIST       | National Institute of Standards and Technology, Commerce  |
| NFDM       | Non-fat dry milk  |
| NGFA       | National Grain and Feed Association   |
| NOx        | Nitrogen Oxides. Gases produced during combustion of fossil fuels in motor vehicles, power plants, industrial furnaces, and other sources. NOx is a pre-cursor to acid rain and ground-level ozone. |
| NPRM       | Notice of Proposed Rulemaking   |
| NRECA      | National Rural Electric Cooperative Association   |
| NS         | Norfolk Southern, a Class I railroad  |
| OASDI      | Old-Age and Survivors Insurance and Federal Disability Insurance Trust Funds  |
| ORNL       | Oak Ridge National Laboratories   |
| OSRA       | Ocean Shipping Reform Act of 1998   |
| OTI        | Ocean transportation intermediary, also known as freight forwarders or non-vessel operating common carriers   |
| PCI        | per capita income   |
| PIERS      | Port Import Export Reporting Service < <a href="http://www.piers.com">www.piers.com</a> >   |
| PNW        | Pacific Northwest   |
| PRB        | Powder River Basin Region, a coal-producing region of Wyoming and Montana   |
| RBOB       | Reformulated gasoline blendstock for oxygenate blending, unfinished gasoline that will be blended with ethanol to make finished gasoline  |
| RFA        | Renewable Fuels Association   |
| RIA        | Railroad Industry Agreement   |
| RD         | Rural Development, USDA   |
| ROI        | Return on investment  |
| RO-RO      | Roll on-Roll off. A type of ship designed for wheeled cargo that is driven on at the origin and off at the destination.   |
| RPM        | AAR's Railroad Performance Measures   |
| RPTM       | Revenue per ton-mile, a measure of the cost to transport commodities  |
| RRIF       | Railroad Rehabilitation and Improvement Financing, a Federal loan program   |
| RSAM       | Revenue Shortfall Allocation Method, an STB test used in rate disputes  |
| R/VC ratio | Revenue-to-variable cost, used by the STB   |

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| SAC          | Stand-Alone Cost, a method used to estimate the fair cost of running a railroad in rate disputes   |
| SAFETEA-LU   | Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users, Public Law 109-59  |
| SARR         | Stand-Alone Cost Railroad, a hypothetical railroad used to estimate shipping costs in railroad rate disputes   |
| Soo line     | U.S. subsidiary of Canadian Pacific railroad   |
| Staggers Act | Staggers Rail Act of 1980  |
| STB          | Surface Transportation Board. A regulatory agency charged with resolving railroad rate and service disputes and reviewing proposed railroad mergers. The STB is decisionally independent, but affiliated with the Department of Transportation. < <a href="http://www.stb.dot.gov">www.stb.dot.gov</a> >, The STB replaced the Interstate Commerce Commission in 1997. |
| STCC code    | Standard Transportation Commodity Code. A Standard numerical code used by the railroads and motor carrier to classify products.  |
| TEU          | Twenty-foot equivalent unit, a standard size of shipping container used in describing container ship capacity.   |
| TOFC         | Trailer on flat car, truck trailers transported on trains  |
| TRG          | Transportation Research Group, WSU   |
| TMP          | Transportation and Marketing Programs, AMS, USDA   |
| TSD          | Transportation Services Division, AMS, TMP, USDA   |
| TTI          | Texas Transportation Institute   |
| UMR-IW       | Upper Mississippi River and Illinois Waterway  |
| UP           | Union_Pacific Railroad   |
| URCS         | Uniform Regulatory Costing System, an STB accounting method.   |
| USDA         | U.S. Department of Agriculture < <a href="http://www.usda.gov">www.usda.gov</a> >  |
| USPPI        | U.S. Principal Party of Interest   |
| USWA         | United States Warehouse Act  |
| VEETC        | Volumetric Ethanol Excise Tax Credit   |
| Vloc         | Very large ore carrier; a bulk cargo ship with a capacity of over 200,000 deadweight tons  |
| WRDA 86      | Water Resource Development Act of 1986   |
| WFB          | Waterways Freight Bureau   |
| WRDA 2007    | Water Resource Development Act of 2007   |
| WSU          | Washington State University  |
| WTO          | World Trade Organization < <a href="http://www.wto.org">www.wto.org</a> >  |