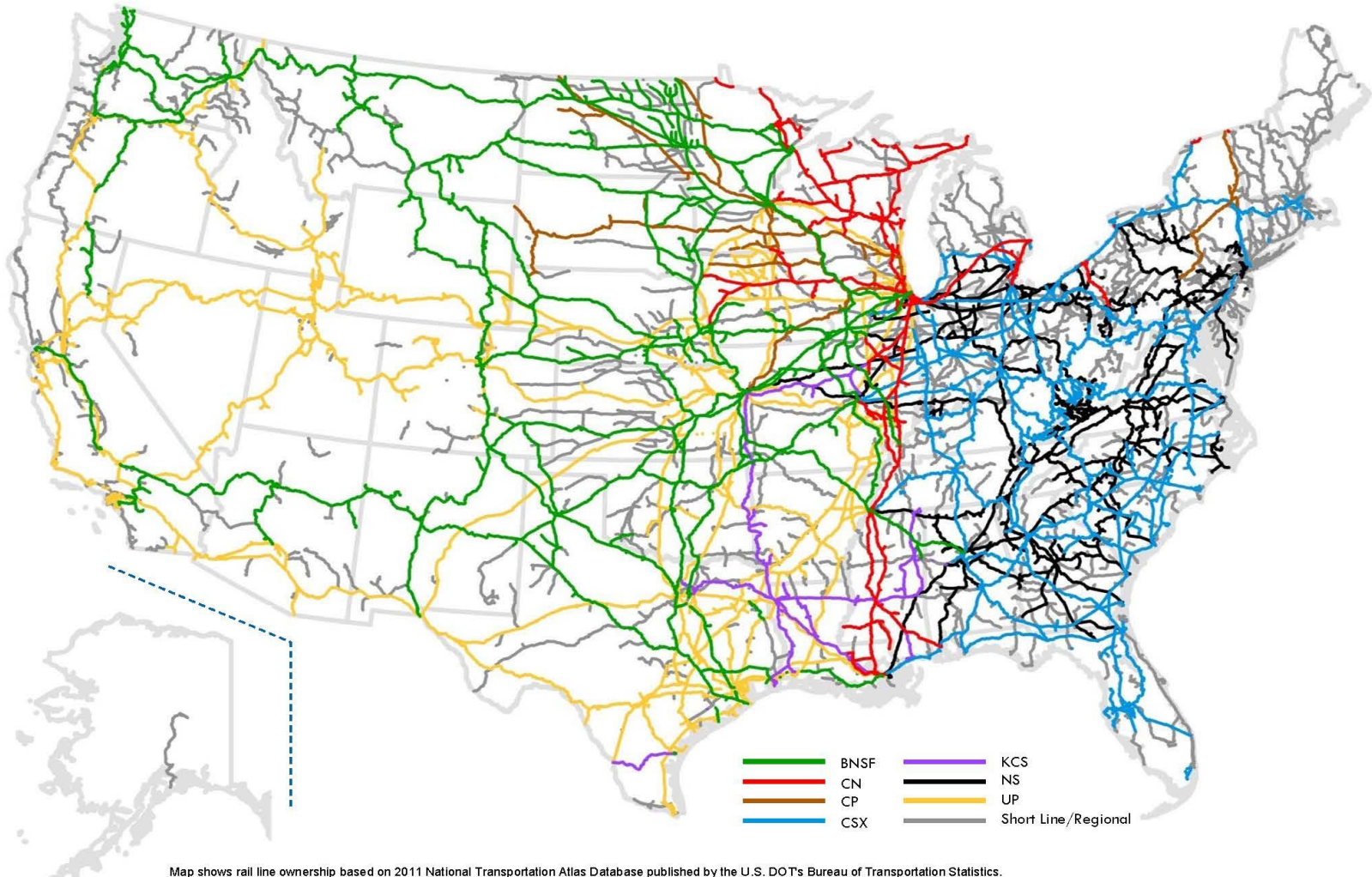


WELCOME to ILLINOIS

Michael E. Stead
Railroad Safety Program Administrator
Illinois Commerce Commission
Springfield, IL USA

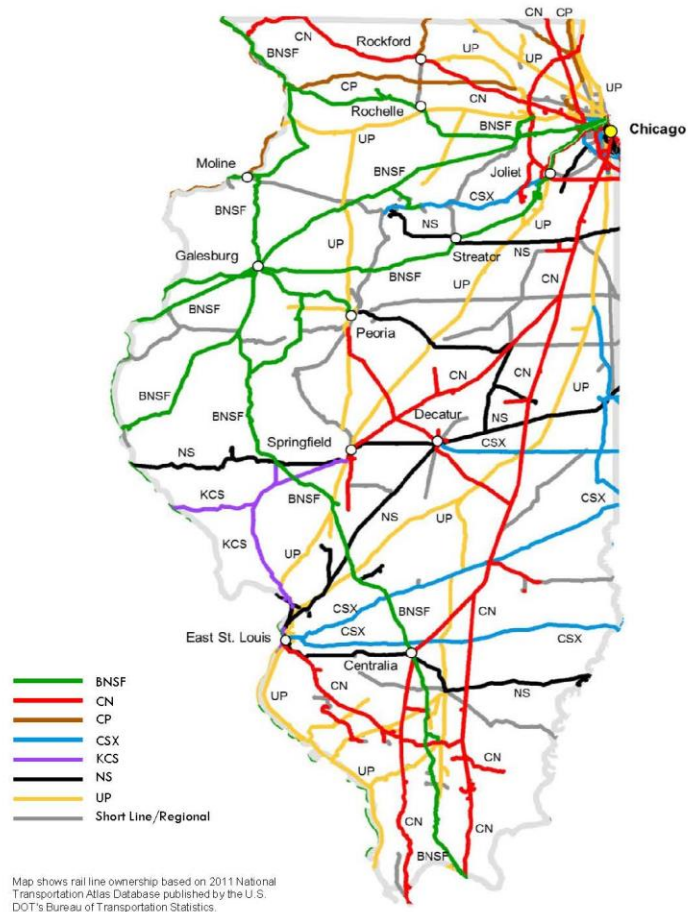




Illinois Rail Facts

- Illinois is the rail hub of north America
- 138,565 route miles of railroad in the U.S.
- 7,027 route miles in Illinois
- All seven Class 1 Railroads¹ in the U.S. operate in Illinois.

¹Note: An American Class 1 railway is defined by the U.S. Surface Transportation Board as having revenue greater than \$452.7 million in 2012



Illinois Crossings

12,048 Level Crossings

- *7,783 Public Highway-Rail Grade Xings*
- *3,905 Private Highway-Rail Grade Xings*
- *360 Pedestrian-Rail Grade Xings*

2,670 Public Highway-Rail Structures

- *1,729 RR/Over*
- *941 RR/Under)*

The Top 10

Rank	State	Total Route Miles of Rail		State	Total Crossings @ 2012		State	Collisions: 5-Year Total 2008-2012 At Public & Private Crossings		State	Trespassers: 5-Years 2008 thru 2012	
		Miles	%		Crossings	%		Collisions	%		Trespassers	%
1	Texas	10,425	7.5%	Texas	13,905	6.6%	Texas	1,051	10.1%	California	524	12.8%
2	Illinois	7,027	5.1%	Illinois	12,048	5.7%	California	628	6.0%	Texas	340	8.3%
3	Ohio	5,338	3.9%	California	9,303	4.4%	Illinois	599	5.7%	Illinois	250	6.1%
4	California	5,327	3.8%	Ohio	8,600	4.1%	Indiana	580	5.6%	Pennsylvania	220	5.4%
5	Pennsylvania	5,127	3.7%	Kansas	7,799	3.7%	Georgia	480	4.6%	Florida	201	4.9%
6	Kansas	4,855	3.5%	Indiana	7,742	3.6%	Louisiana	478	4.6%	New York	189	4.6%
7	Georgia	4,666	3.4%	Georgia	7,635	3.6%	Alabama	395	3.8%	North Carolina	146	3.6%
8	Minnesota	4,449	3.2%	Michigan	7,177	3.4%	Ohio	387	3.7%	Ohio	136	3.3%
9	Indiana	4,273	3.1%	North Carolina	7,107	3.3%	Florida	304	2.9%	Georgia	131	3.2%
10	Missouri	3,958	2.9%	Iowa	6,897	3.3%	Tennessee	294	2.8%	New Jersey	114	2.8%
Top 10 States		55,445	40.0%	Top 10 States	88,213	41.6%	Top 10 States	5,196	49.8%	Top 10 States	2,251	54.9%
Rest of USA		83,120	60.0%	Rest of USA	123,989	58.4%	Rest of USA	5,245	50.2%	Rest of USA	1,851	45.1%
USA Total		138,565	100.0%	USA Total	212,202	100.0%	USA Total	10,441	100.0%	USA Total	4,102	100.0%

Illinois:

2nd Highest Number of Crossings in the U.S.

3rd Largest Highway Network in the U.S.

Illinois Commerce Commission

- Regulates Public Utilities and Transportation in Illinois
- Established in 1871 as the Railroad & Warehouse Commission
- Occasionally confused with the Interstate Commerce Commission

ICC: Rail Safety

- FRA State Rail Participation Program
- Federally-Certified State Inspectors in 4 Disciplines:
 - ✓ HAZARDOUS MATERIALS (1)
 - ✓ OPERATING PRACTICES (1)
 - ✓ SIGNAL & TRAIN CONTROL (3)
 - ✓ TRACK (3) → (1)

State Action Plans

- The 10 States¹ with the highest number of grade crossing collisions on average during calendar years 2006, 2007 and 2008 were required to develop a State highway-rail grade crossing action plan
- Identify specific solutions for improving safety at crossings, including highway- rail grade crossing closures or grade separations
- Focus on crossings that have experienced multiple incidents or at high risk for such incidents
- Cover a five-year time period

[¹ Alabama, California, Florida, Georgia, Illinois, Indiana, Iowa, Louisiana, Ohio, Texas]

Illinois Action Plan Strategies

1. Grade Crossing Closures and Consolidations: **Goal** – Close fifty (50) highway-rail grade crossings within five years.
2. Highway and Pedestrian Grade Separations: **Goal** – Continue to identify and program funds at locations that benefit the most from grade separation.
3. Corridor Improvements: **Goal** – Analyze and program improvements at grade crossings in three rail corridors per year.
4. Public Education and Awareness Programs – Operation Lifesaver: **Goal** – OL presenters make at least 2,000 presentations reaching an audience of at least 200,000 each year.
5. Enforcement: **Goal** – maintain and promote enforcement programs.
6. Research & Analysis: **Goal** – Publish annual analysis of train-vehicle collisions for the previous five-year period. Annually implement and evaluate one new proposed grade crossing safety device or program.
7. Emergency Response: **Goal** – verify that 100 percent (100%) of crossings are posted with the correct AAR/DOT crossing number and emergency notification phone number.

Crossing Funding in Illinois

- Crossing Safety Improvements Funded by Illinois Department of Transportation (IDOT) and ICC
- IDOT utilizes federal funds (FHWA Section 130)
- ICC administers the Grade Crossing Protection Fund (GCPF)

GCPF:

1. Est. in 1955 when there were 16,000 crossings and 665 collisions with 173 fatalities.
2. Worst year for collisions was 1977 with 827 when the rail industry was at low point before deregulation (Staggers Act).
3. Over \$700 million invested since 1955.

GCPF

- Safety Improvements for Public Highway-Rail Crossings on Local Roads & Streets
- Established in 1955
- Monthly Transfers from Motor Fuel Tax Fund
- \$1.2 million/year (1955)
- \$42 million/year (Current)
- Over \$700 million invested since 1955

Funding Summary: 2004 - 2013

Year	ICC GCPF	FHWA-130	State-Match	IDOT-Other	Public Funds
2004	\$26,057,489	\$4,903,331	\$431,241	\$374,625	\$31,766,686
2005	\$21,184,400	\$3,140,270	\$39,999	\$25,000	\$24,389,669
2006	\$47,792,516	\$12,034,225	\$658,539	\$645,940	\$61,131,220
2007	\$24,642,566	\$5,117,423	\$167,192	\$122,766	\$30,049,947
2008	\$42,050,328	\$6,652,824	\$67,218	\$67,216	\$48,837,586
2009	\$28,268,046	\$5,623,290	\$147,532	\$147,530	\$34,186,398
2010	\$46,578,013	\$2,265,678	\$433,673	\$0	\$49,277,364
2011	\$38,770,203	\$16,282,597	\$3,225,659	\$11,541	\$58,290,000
2012	\$42,165,827	\$4,603,472	\$325,000	\$100,000	\$47,194,298
2013	\$57,479,699	\$10,035,452	\$1,597,307	\$70,000	\$69,182,458
10 Years	\$374,989,087	\$70,658,562	\$7,093,359	\$1,564,618	\$454,305,627

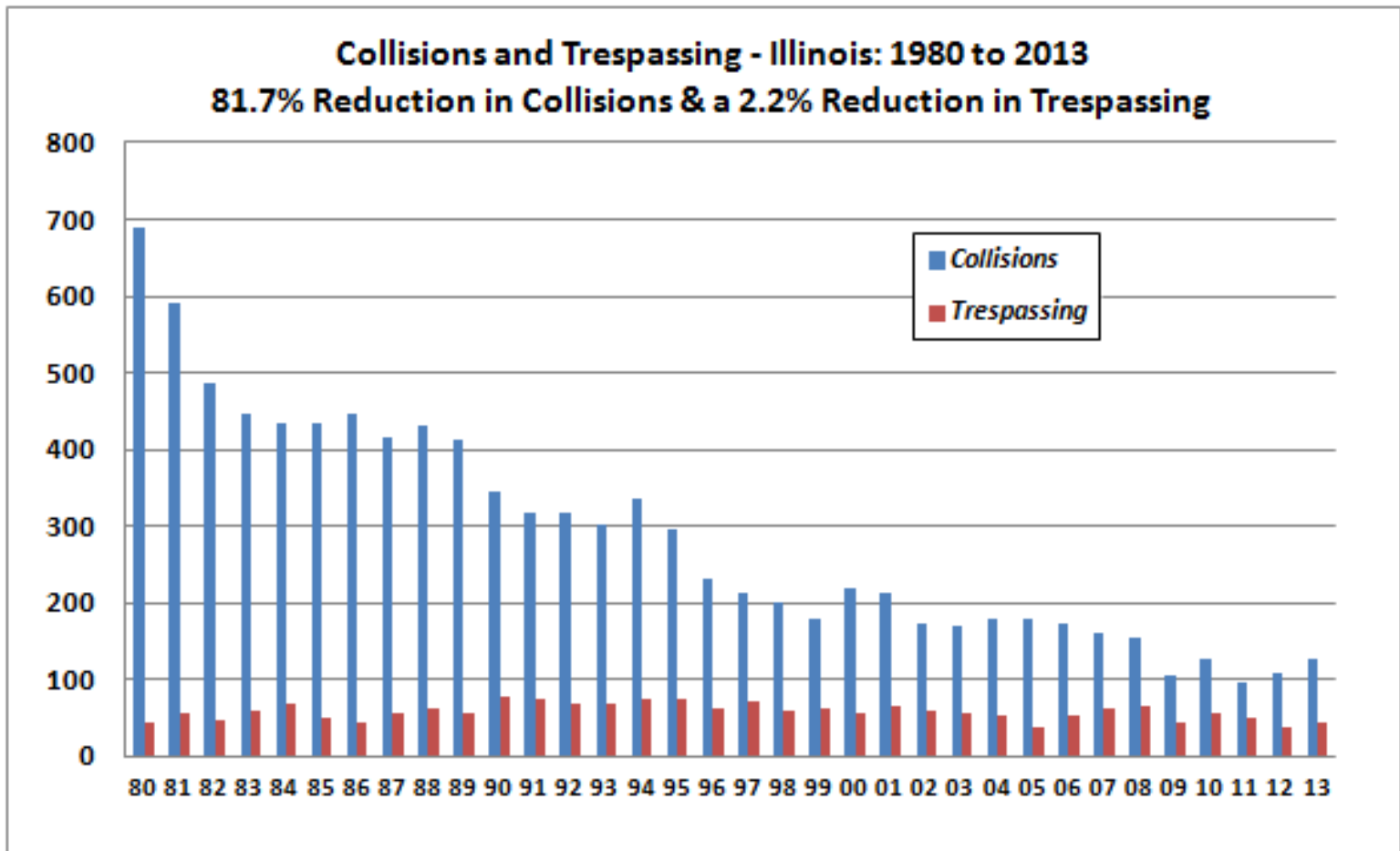
ICC Rail Safety Program

1. Crossing Closures and Consolidation
 - ❖ Incentive Payments
 - ❖ Connecting Roads
2. Warning Device Upgrades
 - ❖ Crossbucks → Automatic Warning Devices
3. Hwy-Rail Grade Separations - New & Reconstruction
4. Hwy-Rail Grade Separations - Vertical Clearances
5. Pedestrian-Rail Grade Separations
6. Interconnects (300+ Locations)
7. Roadway Approach Grade Improvements
8. Wayside Monitoring Devices → Analog to Digital
9. High Speed Rail and Passenger Service Corridors
 - a. Four Quadrant Gates w/Vehicle Presence Detection
 - a. 80 currently in place; 200 by 2017
 - b. Pedestrian Gate Systems (Gates; Swing Gate; Fencing)
 - a. 6 currently in place; 60 by 2017



Results

- ✓ 689 collisions in 1980; 126 in 2013
- ✓ The safest year on record: → 96 Collisions in 2011 ←



In Conclusion...

ZERO Collisions / ZERO Casualties

- ✓ BETTER Engineering
- ✓ MORE Education
- ✓ MORE Enforcement
- ✓ BETTER Evaluation
- ✓ MORE Encouragement
- ✓ BETTER Emergency Response