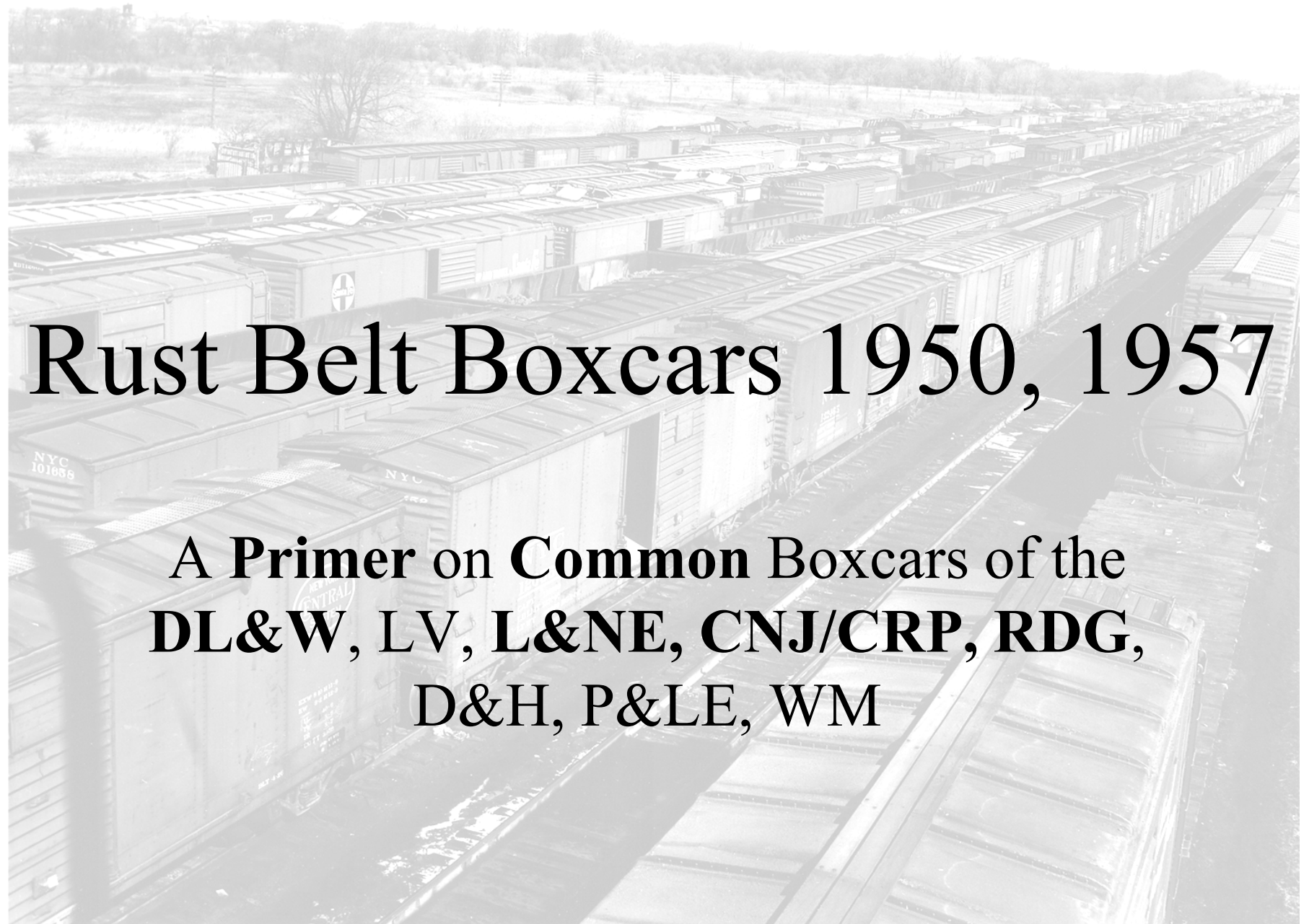


Rust Belt Boxcars 1950, 1957

Part 1

Hindsight 20/20 RPM

June 13, 2020



Rust Belt Boxcars 1950, 1957

**A Primer on Common Boxcars of the
DL&W, LV, L&NE, CNJ/CRP, RDG,
D&H, P&LE, WM**



Rust Belt Boxcars

Acknowledgments

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- Chuck Davis

Rust Belt Boxcars

Acknowledgments

RIP Greg Martin

1955-2020

“Feed Your Head”

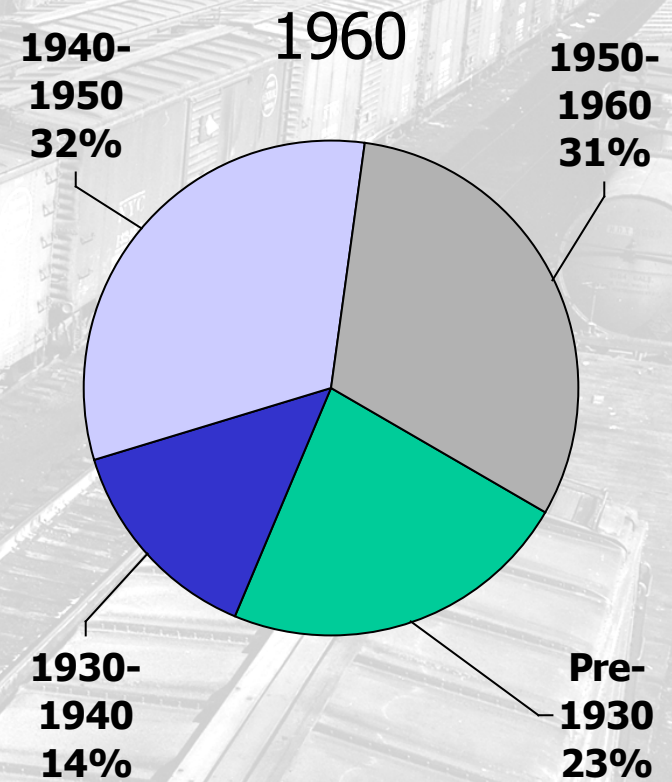
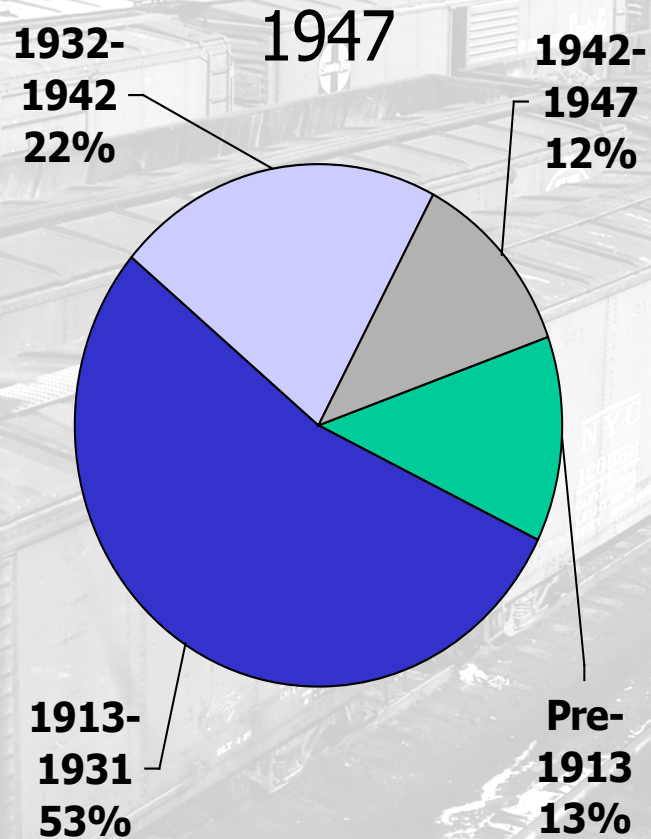
Mike Smeltzer Photo,
Cocoa Beach RPM



Age of Freight Car Fleet

**Depression & WWII severely
restricted carbuilding**

**HUGE numbers of post-war
freight car orders**



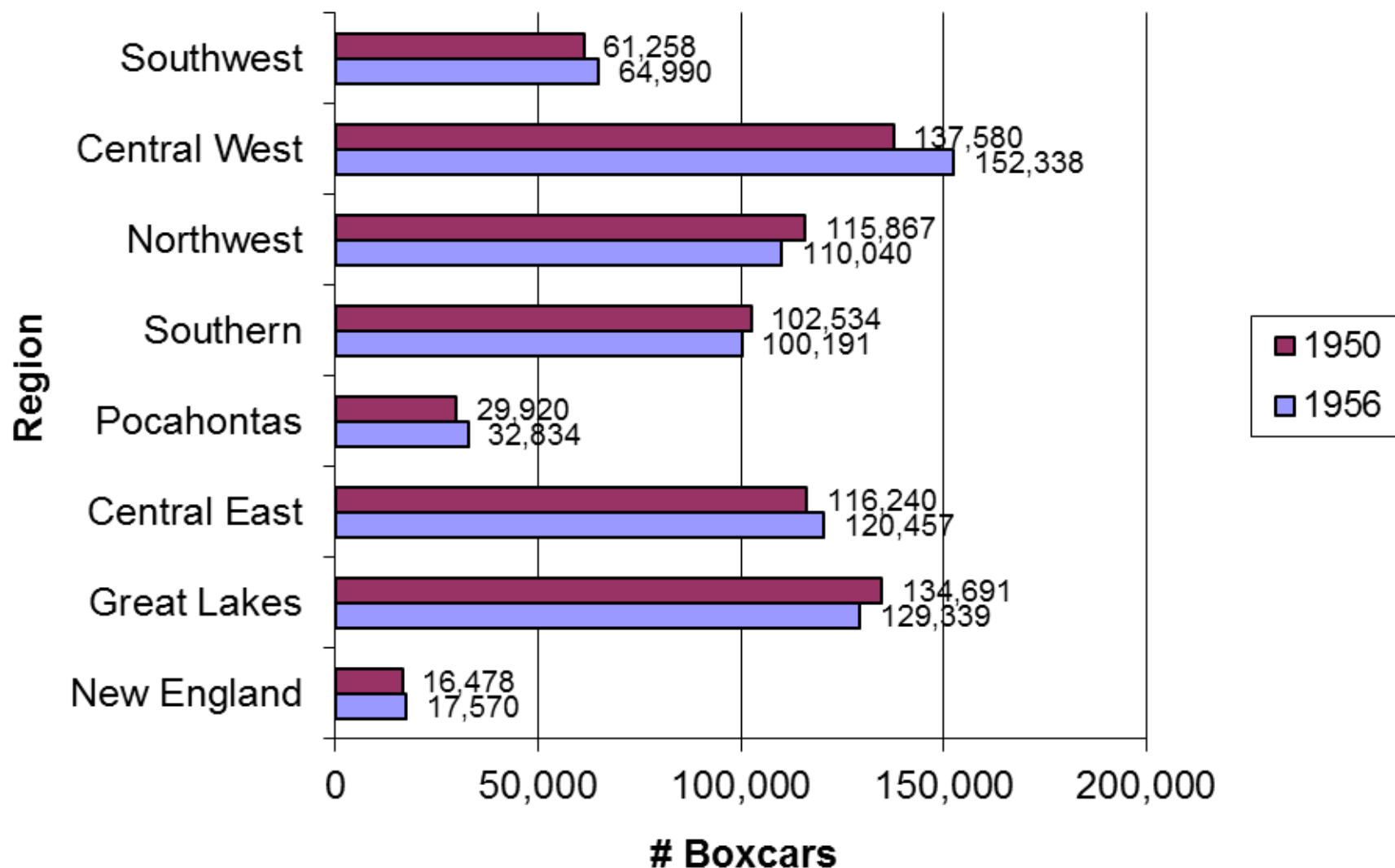
ICC Geographic Breakdown

- New England
 - NH, B&M, MEC, BAR
- Great Lakes
 - NYC, NKP, WAB, ERIE, **DL&W, D&H, GTW, LV, P&LE**
- Central East
 - PRR, B&O, **RDG, CNJ, CRP, EJ&E, C&EI, WM**
- Pocahontas
 - C&O, N&W, VGN, RF&P
- Southern
 - ACL, L&N, NC&SL, CGA, GM&O, IC, CNO&TP, SOU, SEABOARD
- Northwest
 - C&NW, MILW, DM&IR, CMSP&O, CGW, NP, GN, SOO
- Central West
 - AT&SF, CB&Q, CRI&P, D&RGW, UP, WP, SP (Pacific Lines)
- Southwest
 - KCS, MKT, MP, IGN, T&P, SLSF, T&NO, SSW

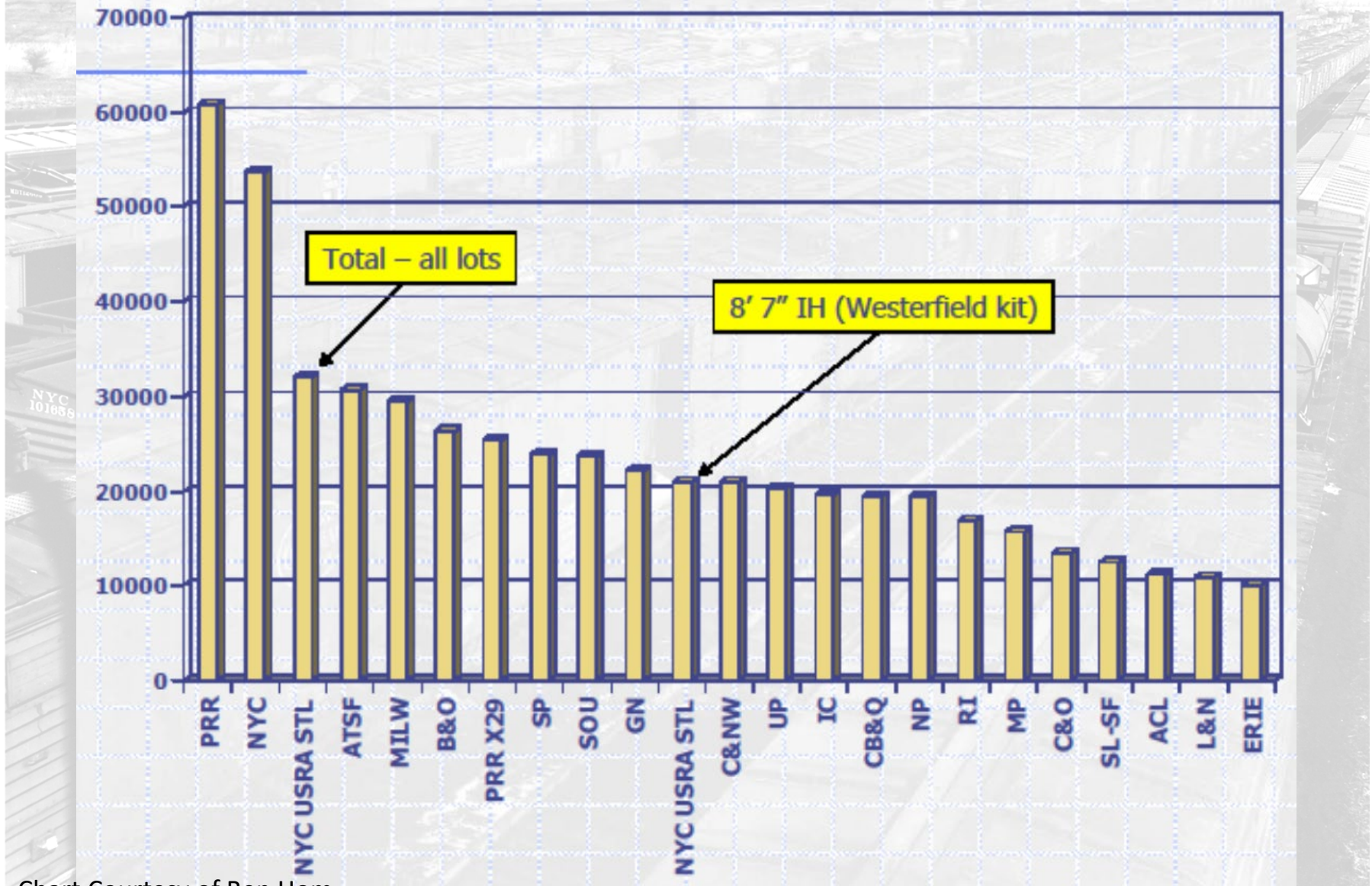
ICC Car Service Rules

- Rule 1 – Home Road cars shall not be used for the movement of traffic beyond the limits of the home road when the use of other suitable cars under these rules is practicable.
- Rule 2 (A) Foreign cars on a direct connection must be forwarded to the home road loaded or empty in manner provided below:
 - (B) (paraphrase) When empty at a junction with the home road, deliver to the home road.
 - (C) if empty at other than junction points with the home road , cars under this rule may be-
 - (3) When located in other than a home district or a district contiguous thereto, loaded via any route to a destination within or in the direction of a Home District

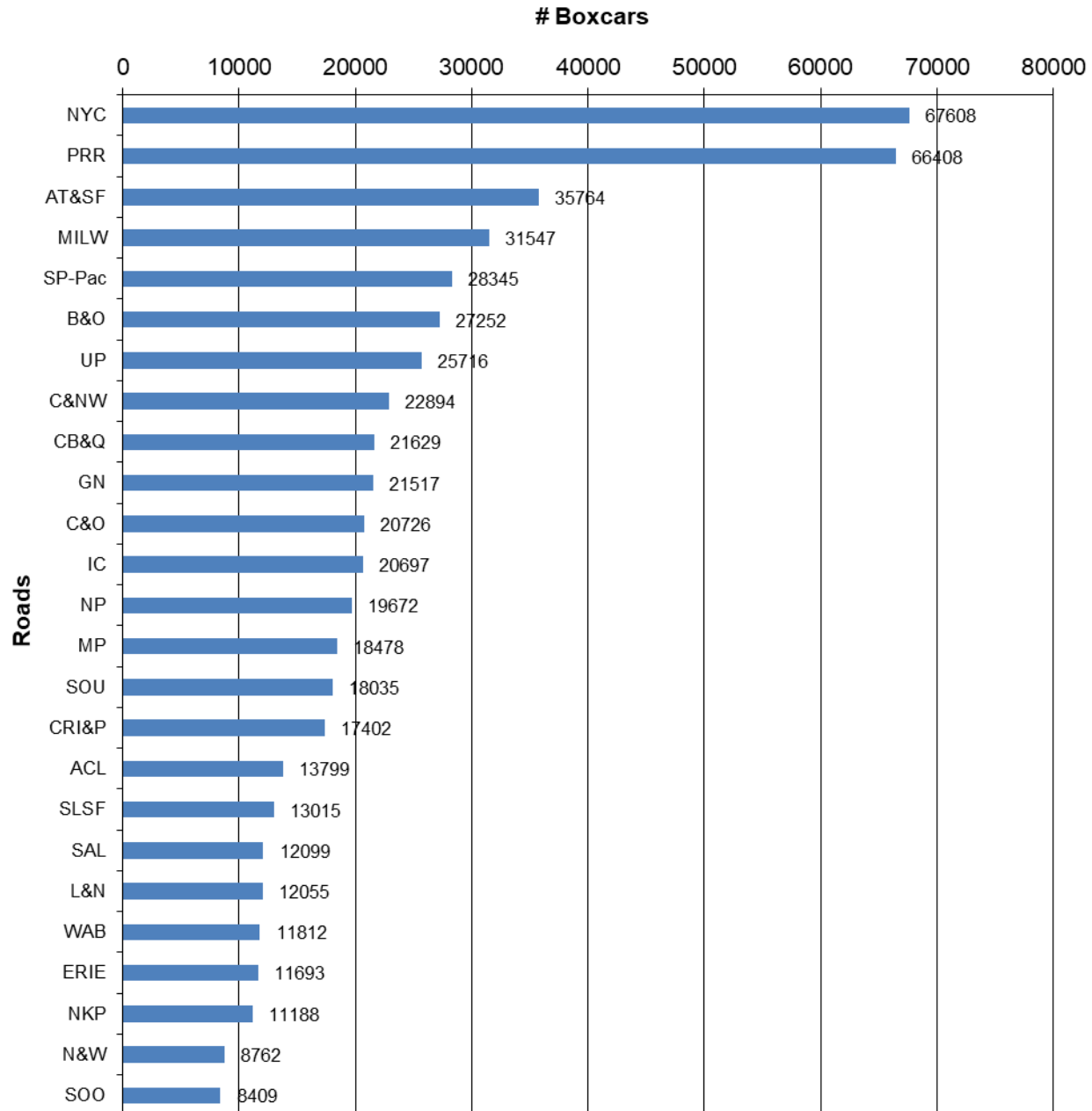
Regional Boxcar Fleet - 1950, 1956



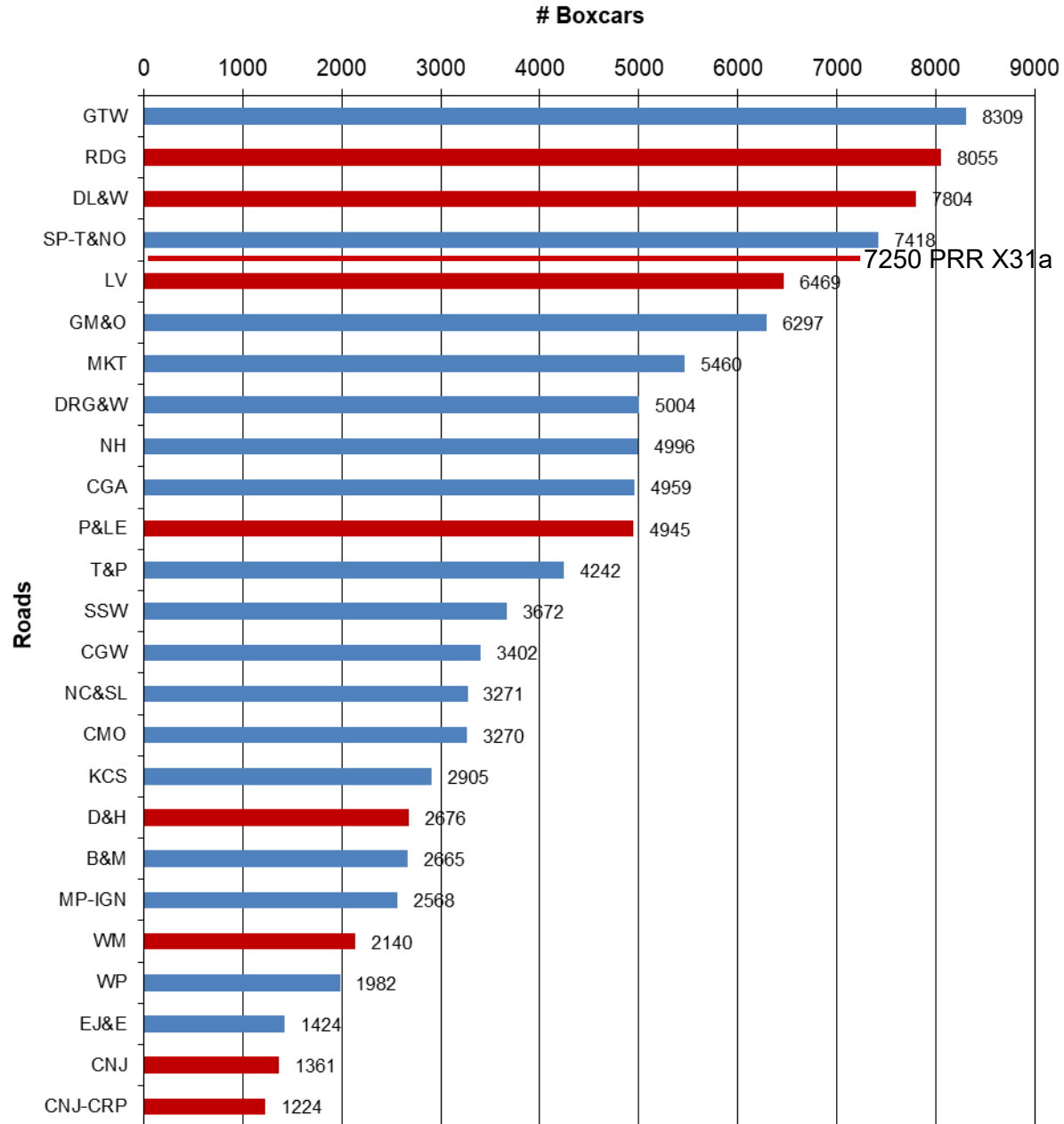
General Service Boxcars – July 1950



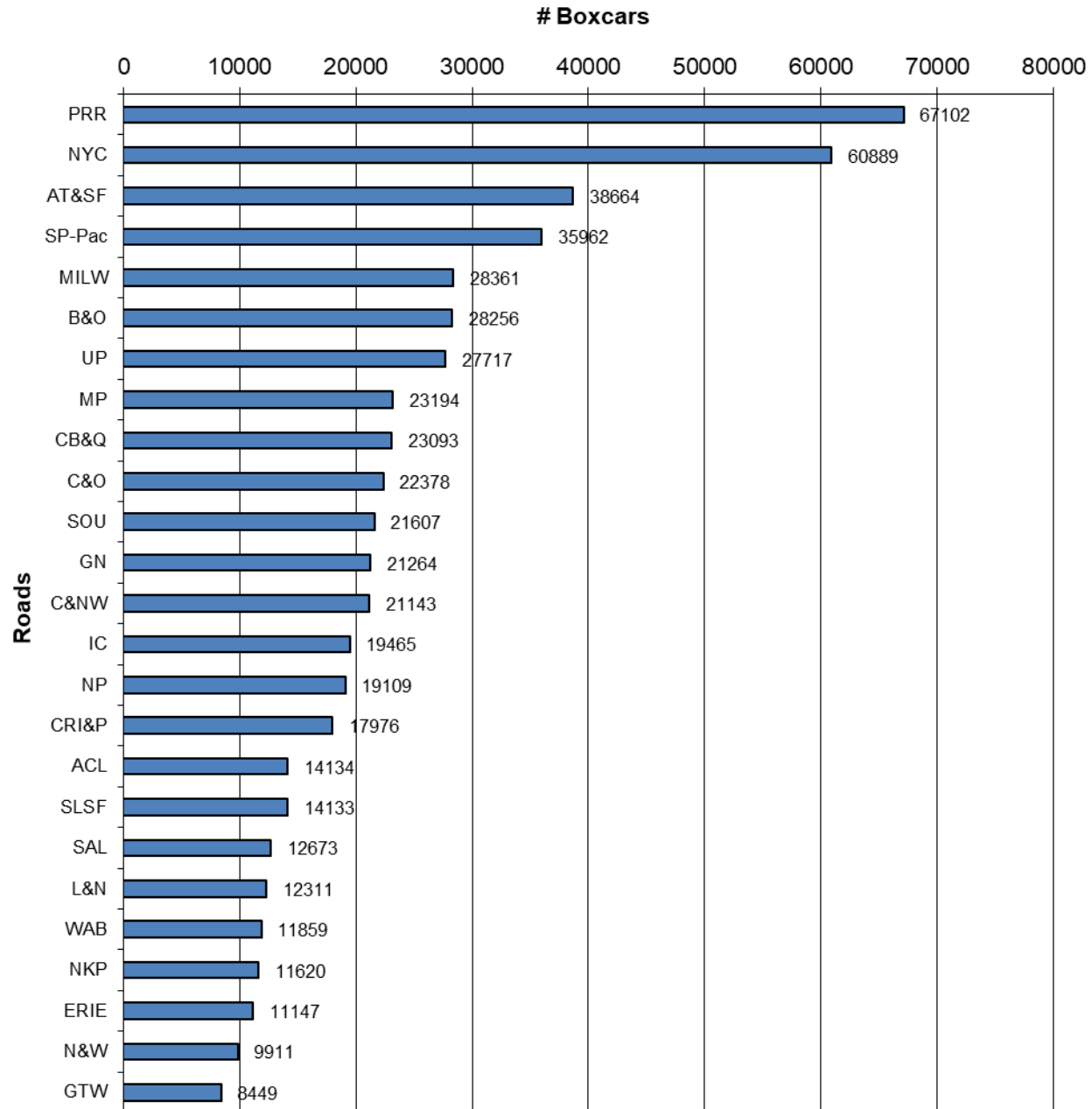
Top 25 Roads -1950



Roads 26-50 -1950



Top 25 Roads -1956

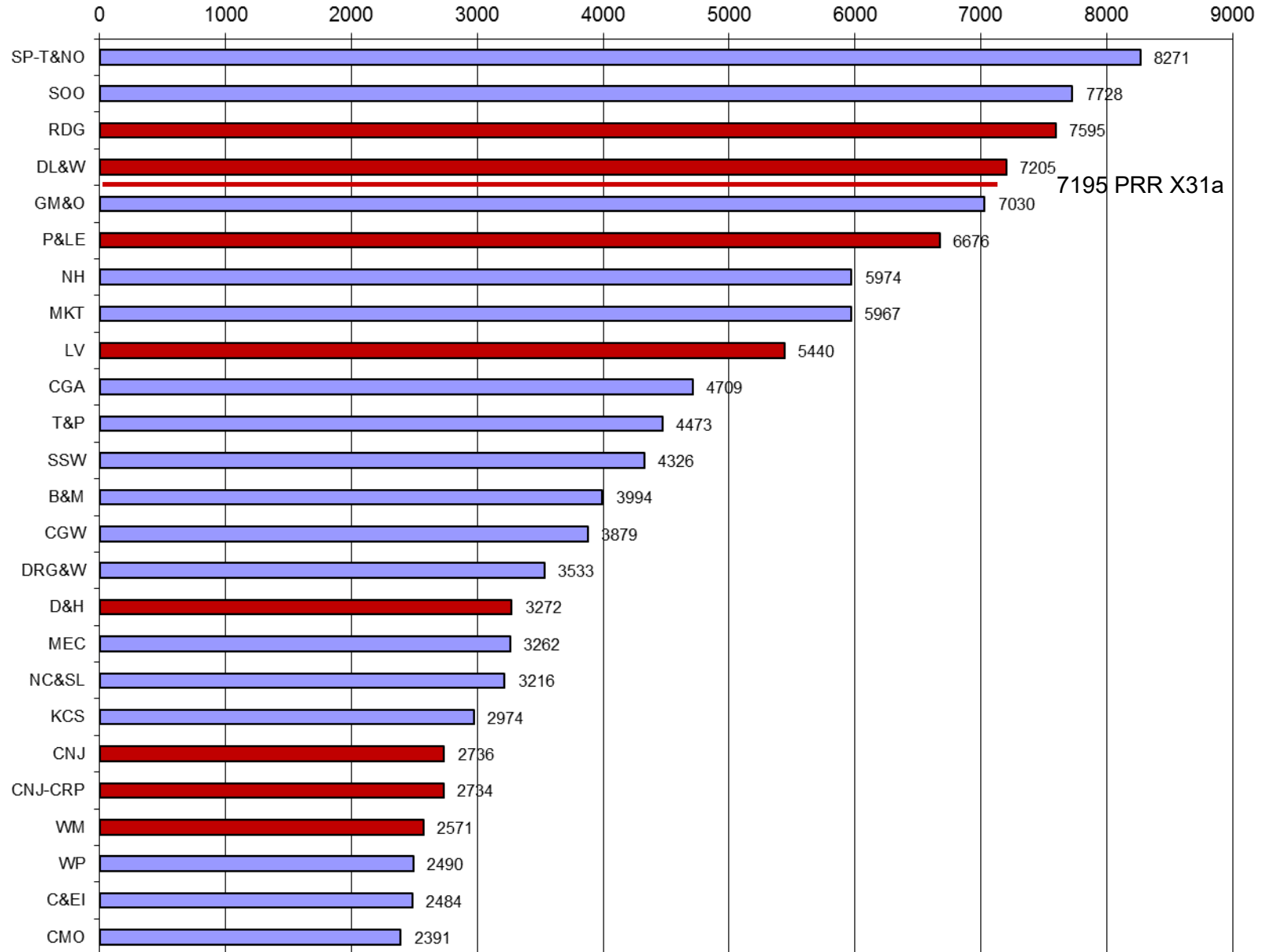




Roads 26-50 -1956

Boxcars

Roads



DL&W - 1950

- **Total Boxcars – 7831 (7832)**
- 12.4% DS Steel Ends 45000-45999
- 12.4% DS Steel Ends 46000-46999
- 12.6 % USRA Steel Cars
- 19% 1937 AAR
- 16% 10' Postwar Car
- 46 36' cars on roster 0.6%

DL&W - 1957

- **Total Boxcars – 7728**
- 12.6 % USRA Steel Cars
- 19% 1937 AAR
- 16% 10' Postwar Car
- 24% 12 panel Welded or Riveted 10'-6" car
- 1.3% 50' 1944 Postwar Cars (100 Cars)
- Still 35 36' cars in ORER??

DL&W - 46000

- 46000-46199 Magor Nov.-Dec. 1926
- 46200-46499 AC&F Aug.-Sept. 1926
- 46500-46799 AC&F Aug. 1927
- 46800-49999 Magor Sept. 1927
 - 46000-46499 Murphy Radial Roof
 - 46500-46999 Hutchins Dry Lading Roof
 - All got Murphy Solid Steel Roof when Rebuilt

DL&W – Steel USRA

- 1000 USRA design all-steel boxcars with an inside height of 8'-7"
- 47000-47699, 700 cars, AC & F, Lot 998, delivered Nov 1929/Jan 1930
- 47700-47999, 300 cars, Magor Car Company, Lot P-7072, delivered Jan/February 1930
- Hutchins roofs orig. Murphy solid steel when rebuilt.



DL&W – 1937 AAR

- **1503 Cars Several Lots**
- 49000-49499 Magor April 1949
- 49500-49502 Magor July 1941 (Yes 3 Cars)
- 51000-51399 Magor April/May 1942
- 51400-51749 AC&F Dec 1944 – Feb 1945
- 51750-51999 Magor Dec 1944 – Feb 1945

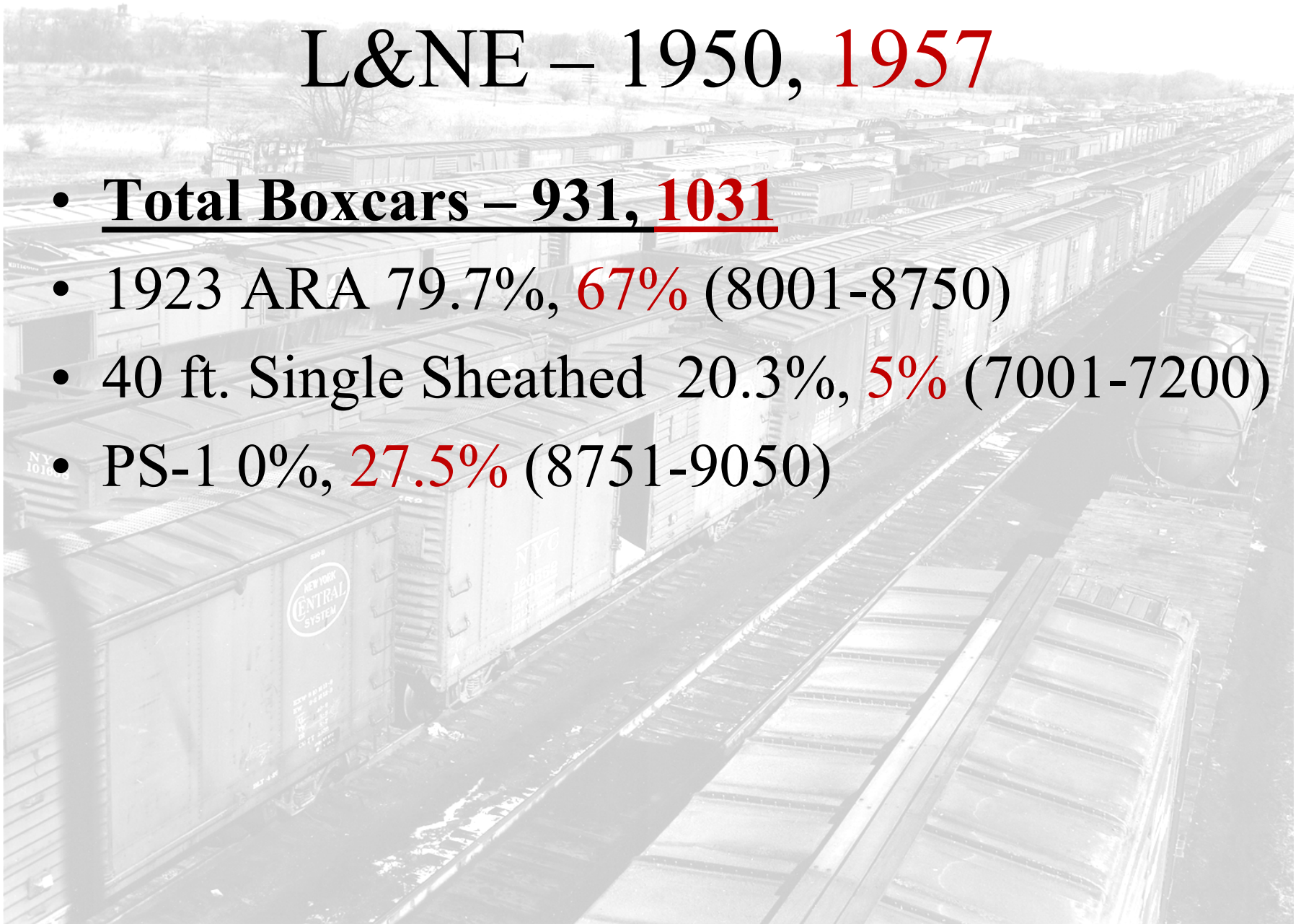


DL&W – 12 Panel

- 54000-54899
- 54000-54499
- 54500-54999 Magor 1955
- 55000-55449 Magor April 1957
- 55500-55899 AC&F June-July 1956 welded sides
- Doors are either 8 ft. Youngstown or 6 Panel superior

L&NE – 1950, 1957

- Total Boxcars – 931, 1031
- 1923 ARA 79.7%, 67% (8001-8750)
- 40 ft. Single Sheathed 20.3%, 5% (7001-7200)
- PS-1 0%, 27.5% (8751-9050)



CNJ/CRP - 1950

- **Total Boxcars – 1516, 1403, 2919 Total**
- 23.7%, 3%, 26.7% 1923 ARA
- 16.4% XM3 40' 10' IH Postwar Car Duryea U/F
- 25.7% XM4 40' 10' IH Postwar Car Reg. U/F
- 15% (22.7%) USRA SS
- 4.4%, 2.4%, 6.8% Tall 1923 ARA



CNJ/CRP - 1957

- **Total Boxcars – 2734 Total**
- 28% 1923 ARA
- 17.2% XM3 40' 10' IH Postwar Car Duryea U/F
- 27.1% XM4 40' 10' IH Postwar Car Reg. U/F
- 7% Tall 1923 ARA
- 18.1% 1953 ACF 12 Panel welded car
- 2 50' Cars in auto parts service



CNJ/CRP – USRA* SS

- **5 Lots of Similar Single Sheathed cars**
- 17000-17499, IH 8'-2", 1916 ACF
- 17500-17999, IH 8'-2", 1916 Standard Steel
- 18000-18049, IH 8'-2", 1922 Standard Steel
- 18050-18098, IH 8'-2", 1925 Standard Steel
- 20000-20498, IH 9'-0", 1919 ACF

CNJ/CRP –1923 ARA

- 2 Lots
- 21000-21399 Standard Steel CC
- 21400-21799 Bethlehem
 - 8'-9" IH
 - 5'-0" Bolster to Spring Plate
 - Hutchins Dry Lading Roof
 - Dalman trucks with Barber Lateral Motion

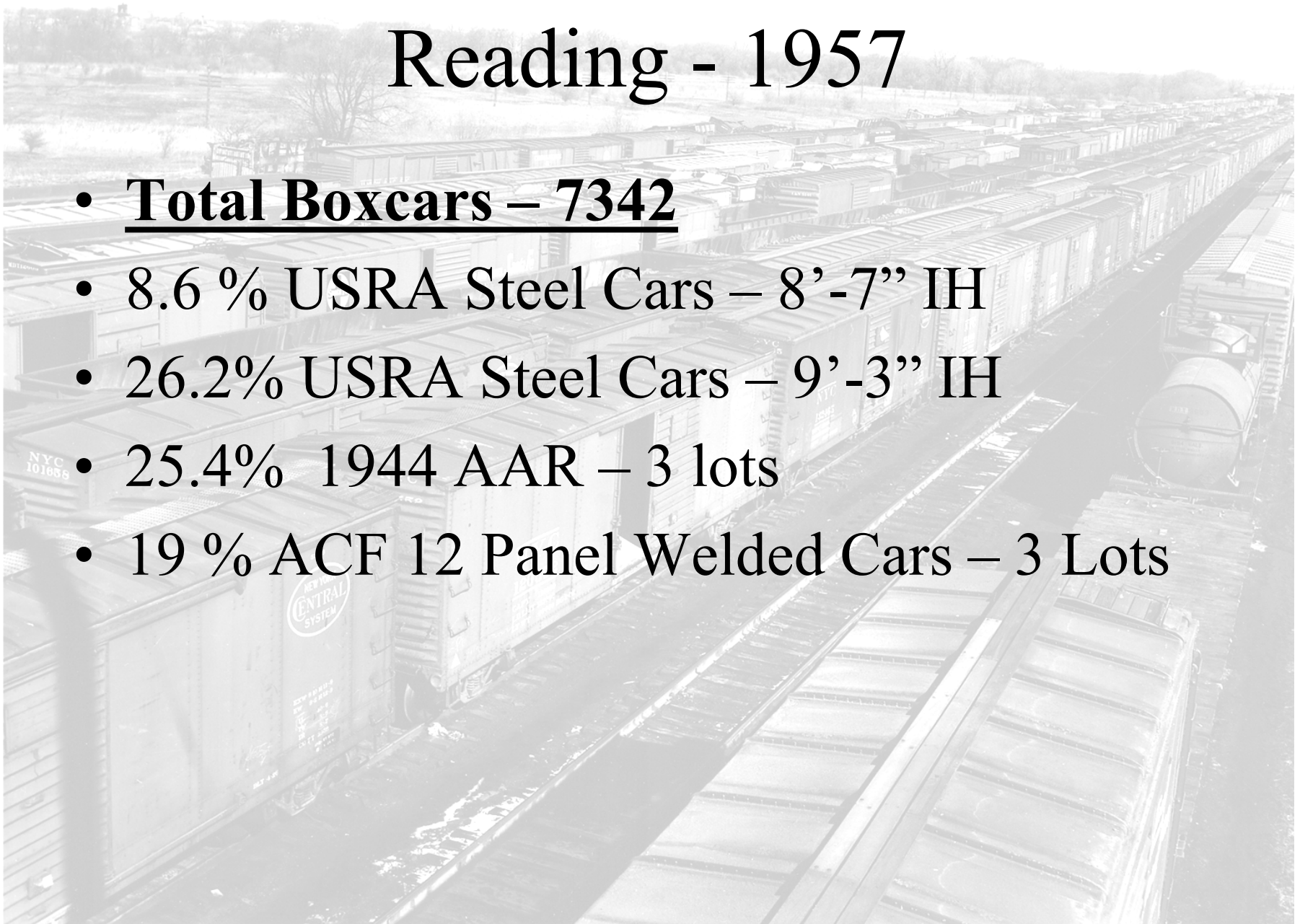


Reading - 1950

- **Total Boxcars – 7602**
- 8.75% USRA SS Cars
- 12.8 % USRA Steel Cars – 8'-7" IH
- 25.9% USRA Steel Cars – 9'-3" IH
- 26.2% 1944 AAR – 3 lots (10 Panel Riveted)
- 6.5% (~13% by 1-1951) ACF 12 Panel Welded Cars

Reading - 1957

- **Total Boxcars – 7342**
- 8.6 % USRA Steel Cars – 8'-7" IH
- 26.2% USRA Steel Cars – 9'-3" IH
- 25.4% 1944 AAR – 3 lots
- 19 % ACF 12 Panel Welded Cars – 3 Lots



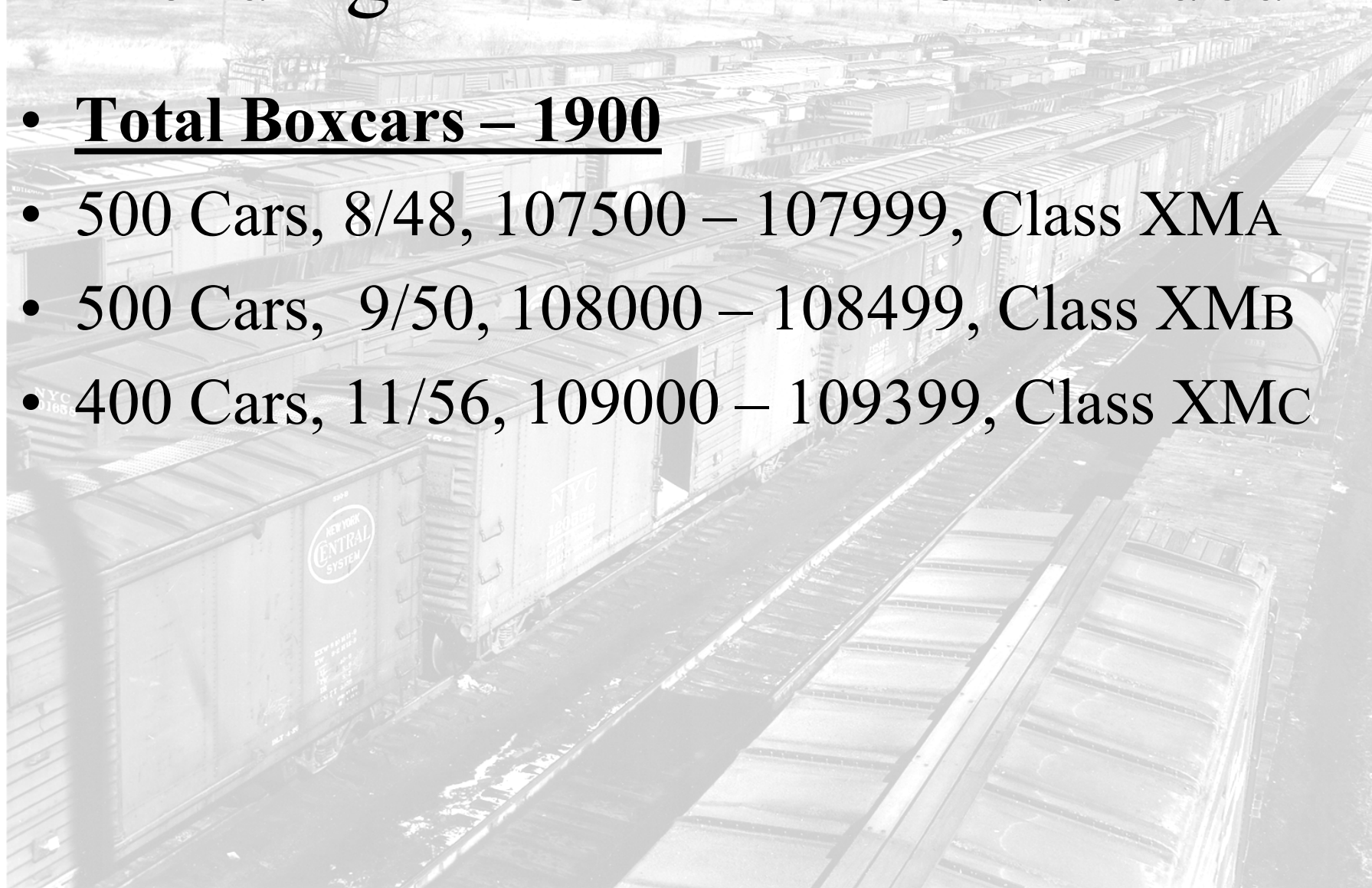


Reading – 1944 AAR Postwar 10 Panel Riveted

- **Total Boxcars – 2000**
- 700 Cars, 104000 – 104699, Class XMw
 - May-December 1946, Reading Shops
 - Duryea U/F
- 800 Cars, 106000 – 106799, Class XMY
 - 1947, Reading Shops
- 500 Cars, 107000 – 107499, Class XMY
 - September – October 1948, ACF

Reading – ACF 12 Panel Welded

- **Total Boxcars – 1900**
- 500 Cars, 8/48, 107500 – 107999, Class XMA
- 500 Cars, 9/50, 108000 – 108499, Class XMB
- 400 Cars, 11/56, 109000 – 109399, Class XMC

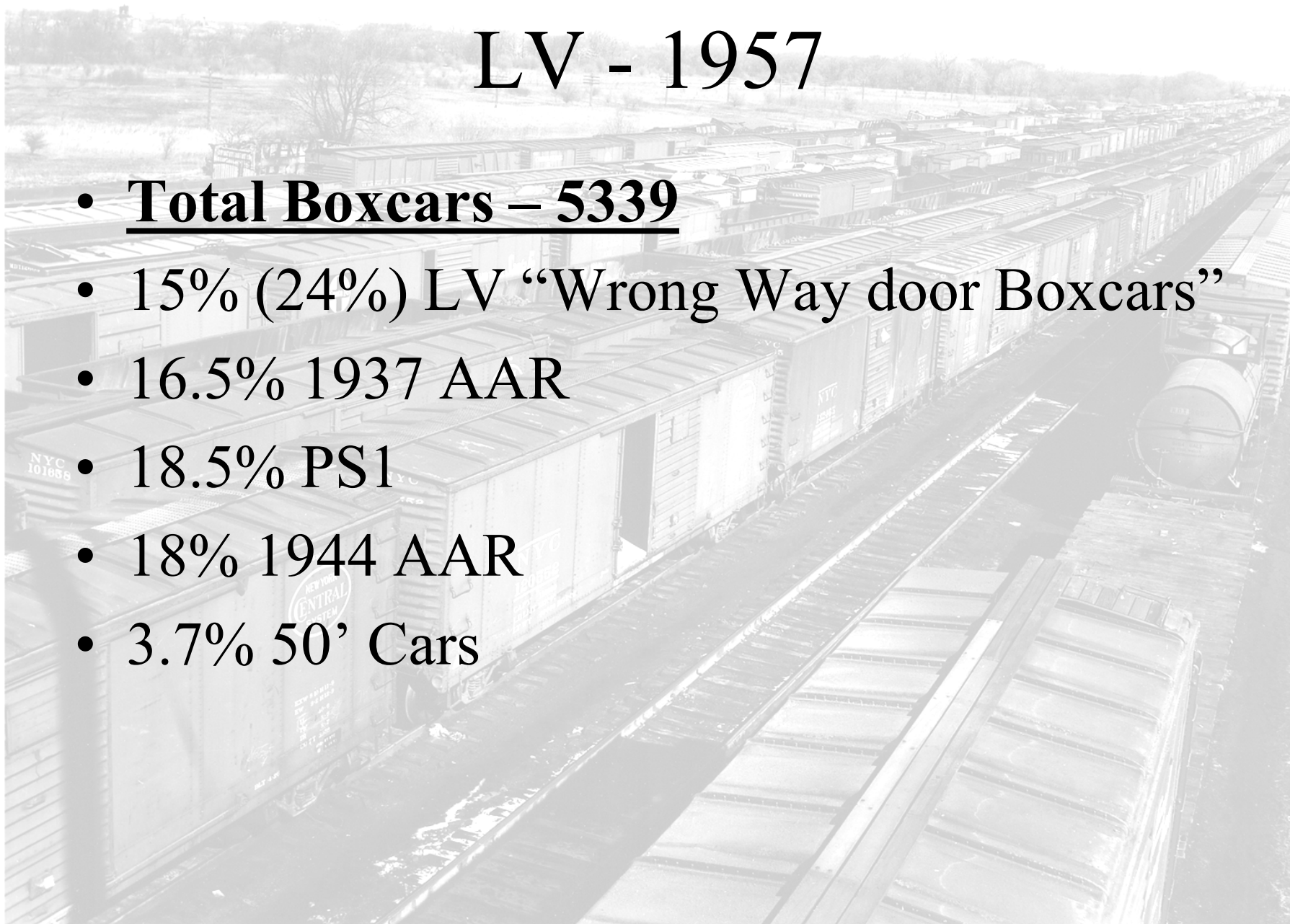


LV - 1950

- **Total Boxcars – 5584**
- 45.7% (54.5%) LV “Wrong Way door” Boxcars
- 16% 1937 AAR
- 9% PS1
(16% in 1951 another 500 cars delivered 9/50)
- 1.76% 50' Cars
- 18% 1944 AAR (delivered in August 1950)

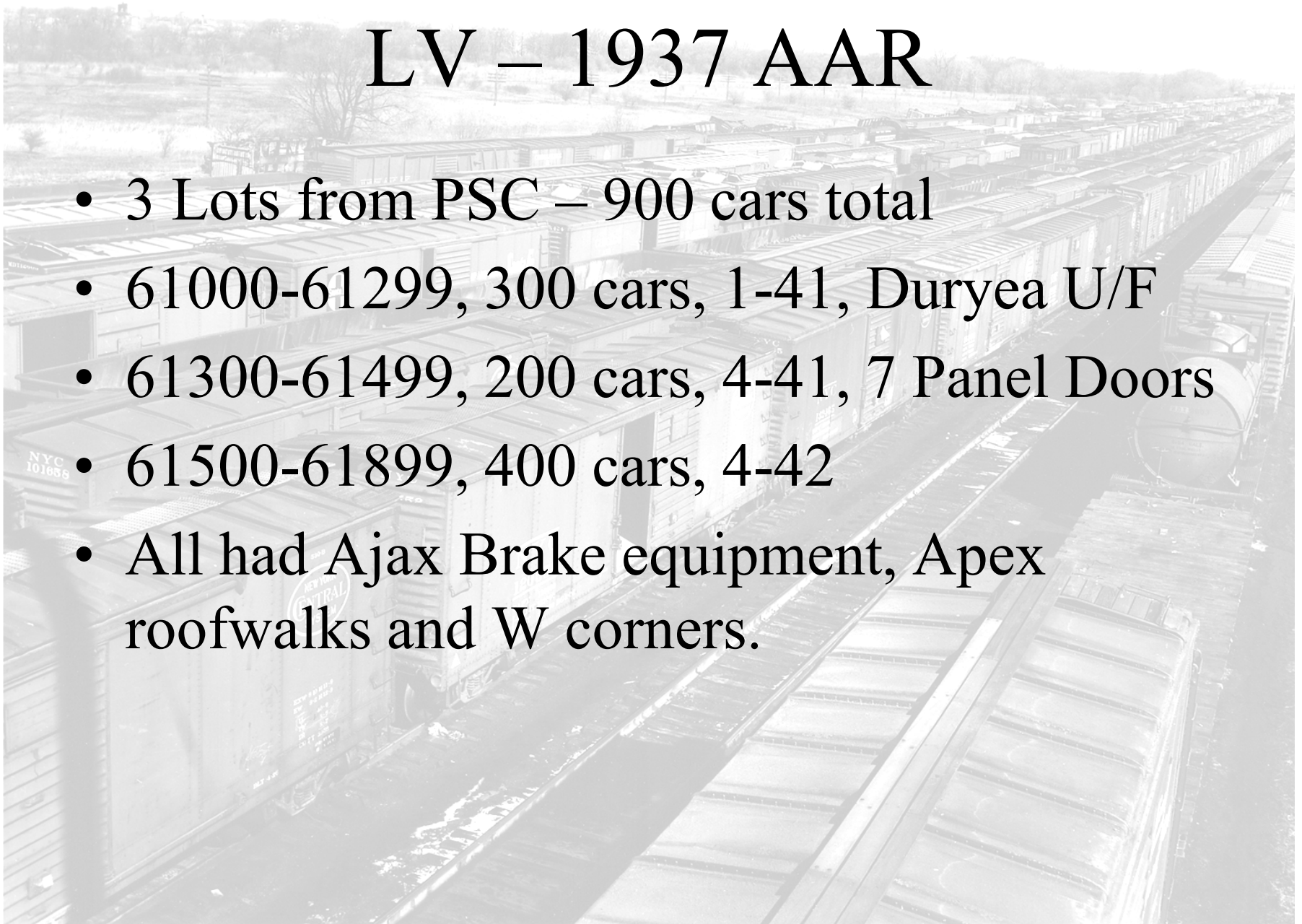
LV - 1957

- **Total Boxcars – 5339**
- 15% (24%) LV “Wrong Way door Boxcars”
- 16.5% 1937 AAR
- 18.5% PS1
- 18% 1944 AAR
- 3.7% 50' Cars



LV – 1937 AAR

- 3 Lots from PSC – 900 cars total
- 61000-61299, 300 cars, 1-41, Duryea U/F
- 61300-61499, 200 cars, 4-41, 7 Panel Doors
- 61500-61899, 400 cars, 4-42
- All had Ajax Brake equipment, Apex roofwalks and W corners.



LV – P&L Notes

- Route of the Black Diamond Slogan on 1937 AAR and 1947 Built PS-1, not replaced when repainted in 1950's
- Freight Car Red varied by era
- White 1937 AAR boxcars were 1960's repaints
- Green boxcars were former NH rebuilt cars, 1960's
- "Map" car (Just Don't)

D&H - 1950

- **Total Boxcars – 2291 (2299)**
- 45% 36' Boxcars
 - 1036 cars, Includes a few boxcars with hoppers.
- 20% USRA SS
- 14.1% 10'-6" Postwar Car* *includes homebuilt cars
- 11% 10' Postwar Car*
- 4.3% Welded 1932 ARA Car
- Zero 50' cars

An aerial photograph of a large freight yard, likely at a major rail hub. The yard is filled with hundreds of freight cars, primarily boxcars, arranged in long, parallel rows. A single tank car is visible on the right side of the frame. The cars are of various colors and some have markings like 'NYC' and '101858'. The background shows some trees and a distant city skyline under a hazy sky.

D&H - 1957

- **Total Boxcars – 3241**
- 53.5% 40' PS-1
- 12.4% USRA SS
- 9.75% 10'-6" Postwar Car* *includes homebuilt cars
- 7.5% 10' Postwar Car*
- 3% Welded 1932 ARA Car
- 8.3% 50' Cars
 - 250 of the 272 50' Cars were 50' PS-1
(Kadee Dec. 2018)
- Still 54 36' cars in ORER

D&H

Evolution of the 40' Steam Era House Cars of the Delaware & Hudson

<http://mattforsyth.com/?p=424>

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The D&H Penn Division

As Modeled in Proto 48 by Matt Forsyth...



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[Historical Information](#)

Evolution of the 40' Steam Era House Cars of
the Delaware & Hudson

D&H – PS-1's

- 40' 4 Lots – 1750 cars total
- 18400 – 18899, 500 cars 6 ft. doors, blt 10-50
- 18900 – 19399, 500 cars 6 ft. doors, blt 2-51
- 19400 – 19899, 500 cars, 6 ft. doors, blt 10-52
- 20000 – 20249, 250 cars, 8 ft. doors, blt 8-56
- 50' 1 Lot
- 22000 – 22249, 250 cars, 8 ft. doors, blt 7-56



P&LE - 1950

- **Total Boxcars – 4111**
- 45.7% 1937 AAR
- 24.3% 10' 6 Postwar Car
- 12% USRA Steel Car
- 12% Steel Side Rebuilt USRA SS car
- 100 50' boxcars built in 1941 (Lot 698-B)

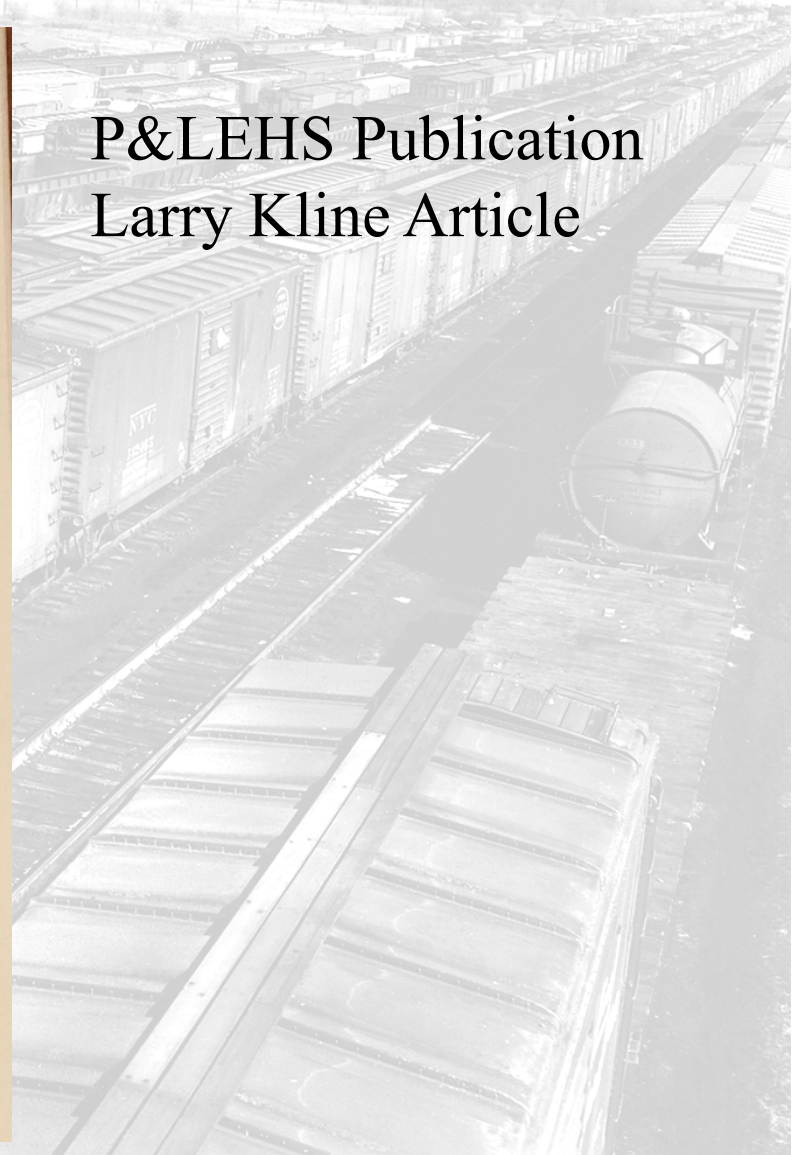
P&LE - 1957

- **Total Boxcars – 6535**
- 28.5% 1937 AAR
- 60.4% 10' 6 Postwar Car
- 7.2% USRA Steel Car
- 2% Steel Side Rebuilt USRA SS car
- 99 50' boxcars built in 1941 (Lot 698-B)

P&LE

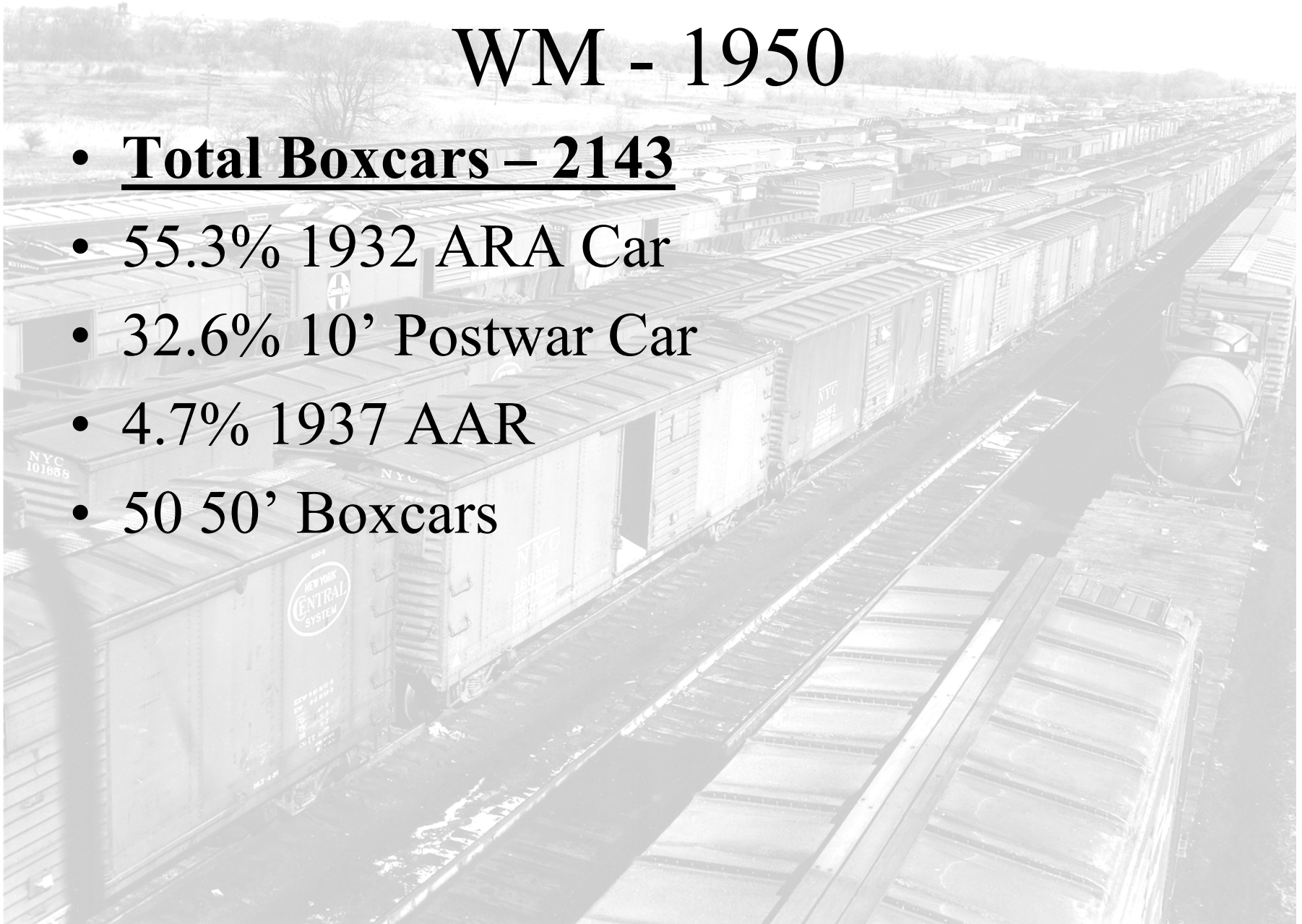


P&LEHS Publication
Larry Kline Article



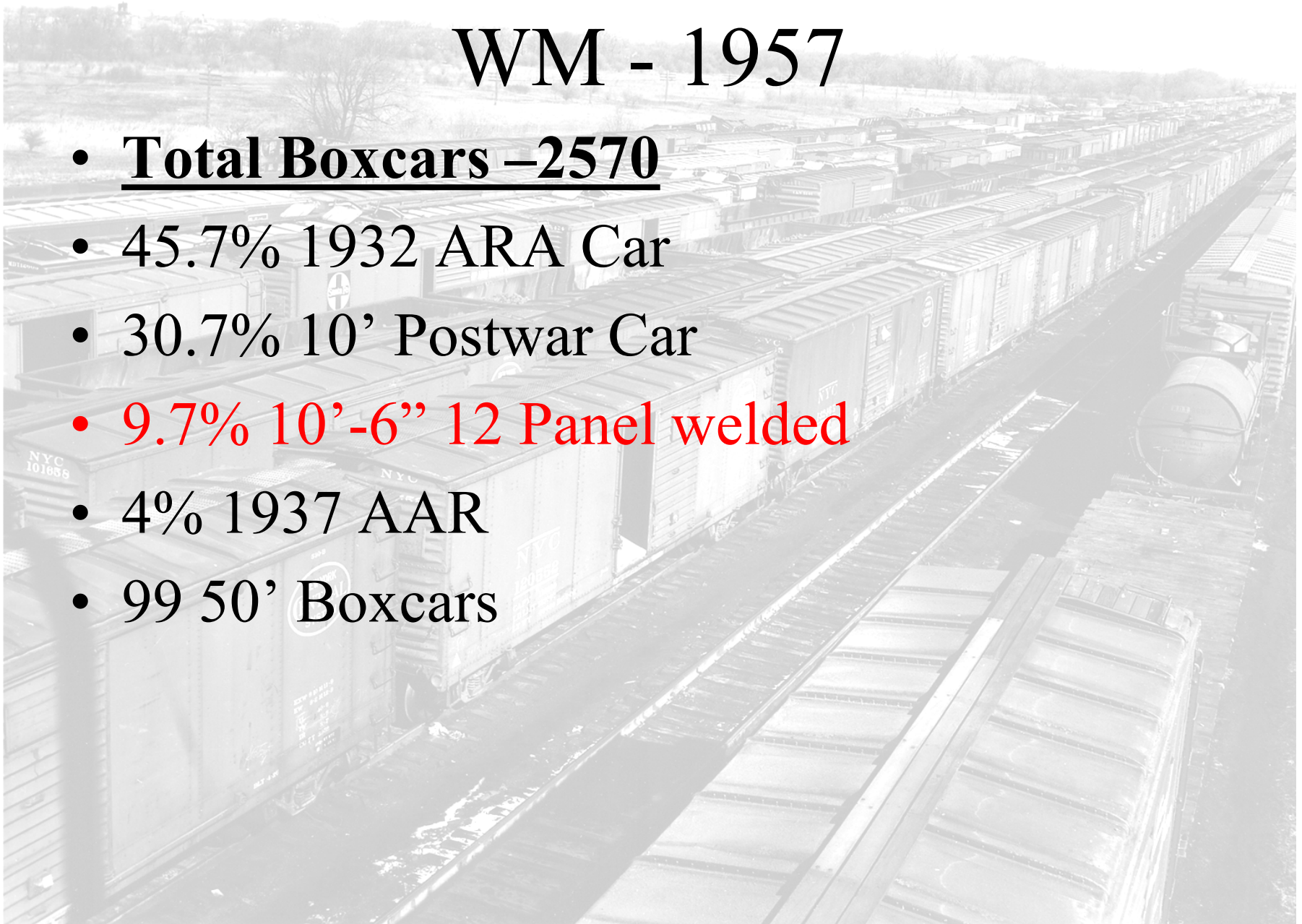
WM - 1950

- **Total Boxcars – 2143**
- 55.3% 1932 ARA Car
- 32.6% 10' Postwar Car
- 4.7% 1937 AAR
- 50 50' Boxcars



WM - 1957

- **Total Boxcars –2570**
- 45.7% 1932 ARA Car
- 30.7% 10' Postwar Car
- 9.7% 10'-6" 12 Panel welded
- 4% 1937 AAR
- 99 50' Boxcars



Rust Belt Boxcars

Thank you.

Questions?

prrk41361@yahoo.com

