

Example: Step 1 Distribution by Car Type

Railroad	Box Cars - all types		Stock	Flat Cars - all types		Other	Gondola - all types			Hopper Cars		Cov. Hop. LO	Totals
	40 ft.	50 ft.		40 ft.	> 48 ft.		40 ft.	> 48 ft.	> 55 ft.	Dble (HM)	Trpl (HT)		
NYC	61,615	7,065	1,623	496	1,212	663	13,053	7,978	700	29,960	11,446	1,677	137,488
WAB	11,753	498	593	-	52	-	1,599	397	100	1,890	-	150	17,032
NKP (excl WLE)	9,134	396	525	160	299	150	398	3,626	128	4,416	1,158	669	21,059
Granger totals	80,803	9,118	10,497	3,596	5,729	9,415	18,808	5,079	205	11,726	6,036	1,816	162,828
Totals	163,305	17,077	13,238	4,252	7,292	10,228	33,858	17,080	1,133	47,992	18,640	4,312	338,407
Distribution: All	48.3%	5.0%	3.9%	1.3%	2.2%	3.0%	10.0%	5.0%	0.3%	14.2%	5.5%	1.3%	

Step 1a: Distribution of car types

Cars for layout =	140
Box 40'	70
Box 50'	7
Stock	6
Flat cars 40'	2
Flat cars >48'	3
Gondola 40'	14
Gondola >48'	7
Gondola >55'	1
Hopper -Double	20
Hopper - Triple	8
Covered Hopper	2
Other	
Total	140

Step 1b: Modify distribution of car types

to suit personal preferences and whim		
Box 40'	70	43.8%
Box 50'	7	4.4%
Stock	6	3.8%
Flat 40'	2	1.3%
Flat >48'	3	1.9%
Gon 40'	14	8.8%
Gon >48'	7	4.4%
Gon >55'	1	0.6%
Hop-Dble	16	10.0%
Hop-Trpl	4	2.5%
Cov Hop	8	5.0%
Tank	10	6.3%
Refrig	12	7.5%
Total	160	100.0%