TRANSIT FACT BOOK 1948

AMERICAN TRANSIT ASSOCIATION

TRANSIT FACT BOOK Annual Summary of Basic Data and Trends

in the Transit Industry of the United States

1948

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This is the sixth annual edition of the Transit Fact Book compiled by the Statistical department of the American Transit Association. It is identified as the 1948 edition and covers the operations of the industry through the year 1947 with the latest plant and equipment data as of December 31, 1947. The figures given are in all cases totals for the whole transit industry of the United States.

The transit industry herein represented comprises all organized local passenger transportation agencies except taxicab and suburban railroads, sightseeing buses and school buses. Included are (1) local motor bus lines, (2) electric street railways, (3) elevated and subway lines, (4) interurban electric railways, and (5) trolley coach lines.

The primary sources of the data herein developed are the financial and statistical reports received by the American Transit Association from transit companies representing more than 85 per cent of the transit industry.

Any minor differences between figures for the year ending Dec. 31, 1946 as shown in this issue of the Fact Book and as published in the 1947 edition are the result of adjustments necessary to take into account additional information received subsequent to the issuance of the 1947 edition.



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THE TRANSIT INDUSTRY - 1947

1.	Nu	mber of Operating Companies (Dec. 31, 1947): Total	1,432
	(a)	Electric Railway Companies (Total)	125
		Urban Surface Railway	62
		Subway and Elevated Railway	5
		Interurban Railway	58
		Railway Exclusively	59
		*Railway and Motor Bus Combined	39
		Railway and Trolley Coach Combined	- 1
		*Railway, Motor Bus & Trolley Coach Combined	26
	(b)	Trolley Coach Companies (Total) (All Urban)	42
		Trolley Coach Exclusively	2
		*Trolley Coach and Motor Bus Combined	13
	(c)	Motor Bus Companies (Total)	1,370
	11721	Urban Motor Bus	774
		Suburban Motor Rus	
		Motor Bus Exclusively	1,292

* Included also in item (c)

Distribution of Transit Companies by Population Groups (Each company is counted only in the population group of the largest city it serves.)

POPULATION GROUP	ELECTRIC RAILWAYS (INCL. JOINT TROLLEY COACH AND/OR MOTOR BUS OPERA- TIONS)	TROLLEY COACH AND MOTOR BUS OPERATIONS COMBINED	TROLLEY COACH (Exclusively)	MOTOR BUS (Exclusively)	GRAND TOTAL
Over 1,000,000 500,000-1,000,000 250,000-500,000 100,000-250,000 Less than 50,000 Suburban and Other	17 9 15 6	 2 8 3	2 	20 2 30 64 97 490 589	30 12 49 83 115 496 647
TOTAL	125	13	2	1292	1432

		·
2.	Mile	s of Line and Miles of Route Operated (Dcc. 31, 1947)
	(a)	Electric Railway Line Mileage
	(b)	Trolley Coach Line Mileage
	(c)	Motor Bus Line Mileage 41,668 Total Line Mileage 50,778
	(d)	Electric Railway—Miles of Single Track 15,002 Surface Railway—Miles of Single Track 13,750 Subway and Elevated—Miles of Single Track 1,252
	(e)	Trolley Coach—Miles of Negative Overhead Wire 2,797
	(f)	Motor Bus—Miles of Route Round Trip 95,350
3.	Pas	senger Vehicles Owned (Dec. 31, 1947): Total 92,330
	(a)	Electric Railway Cars30,781Surface Railway Cars21,607Subway and Elevated Cars9,174
	(b)	Trolley Coaches
	(c)	Motor Buses 56,917
4.	Inv	estment (Dec. 31, 1947): Total \$4,077,300,000
	1.4	Electric Railway 3,330,000,000 Surface Railway 1,279,100,000 Subway and Elevated 2,050,900,000
	(b)	Trolley Coach 95,600,000
	(c)	Motor Bus 651,700,000
5.	Ope	rating Revenue—1947—Total \$1,390,800,000
	(a)	Electric Railway 667,000,000 Surface Railway 508,300,000 Subway and Elevated 158,700,000
	(b)	Trolley Coach
3		Motor Bus 647,000,000
6.	Pas	senger Revenue—1947—Total \$1,310,700,000
		Electric Railway 615,700,000 Surface Railway 457,400,000 Subway and Elevated 158,300,000
	(b)	
	(c)	
		[0]

		- 1		
	7.	Vel	nicle Miles Operated—1947—Total	3,342,400,000
		(a)	Electric Car Miles	1,301,600,000
			Subway and Elevated Car Miles	839,300,000 462,300,000
		(b)		
		(c)		155,100,000 1,885,700,000
	8.	Tot		
	٥.		al Passengers Carried—1947—Total	
		(a)	Electric Railway	10,852,000,000
			Surface Railway	8,096,000,000
		(h)	Subway and Elevated	2,756,000,000
		(0)	Trolley Coach	1,356,000,000
		(6)	Motor Bus	10,332,000,000
	9.		enue Passengers Carried—1947—Total	18,287,000,000
		(a)	Electric Railway	8,589,000,000
			Surface Railway	5,980,000,000
		117	Subway and Elevated	2.609.000:000
		(b)	Trolley Coach	1,073,000,000
	U.S.	(c)	Motor Bus	8,625,000,000
]	10.	Nur	nber of Employees (Average 1947)—Total	266,000
			Electric Railway	
		(a)	Surface Railway	121,000
			Subway and Elevated	81,000
		(b)	Trolley Coach	40,000
		(c)	Motor Bus	11,000
		(0)	220001 2000	134,000
1	1.	Pay	roll—1947—Total	\$790,000,000
		(a)	Electric Railway	377,000,000
			Surface Railway	257,000,000
			Subway and Elevated	120,000,000
	1	(b)	Trolley Coach	31,000,000
		(c)	Motor Bus	382,000,000
1	2.	Exp	enditures for Materials—1947—Total	\$207,660,000
			Maintenance Materials	
		(b)	Operating Materials	86,952,000
		(~)	I. Coal	120,708,000
			II. Gasoline	14,900,000
0,			III. Diesel Oil	55,250,000
			IV. Lubricants	3,950,000
			V. Electric Power (Purchased)	3,408,000
	-		(I urchaseu)	43,200,000
1	3.	Elec	trical Energy Consumed (Kw-Hr.)-1947	6,747,000,000
				-,, 11,000,000

THE YEAR 1947 IN THE TRANSIT INDUSTRY

In RETROSPECT the year 1947 was one of conflicting experiences for transit companies. While industry wide levels of traffic and revenues held up remarkably well, on the average, postwar adjustments produced a wide range in the trends reported by individual properties. In some of the smaller cities where warborn industries converted to peacetime production, transit traffic continued to increase. For the industry as a whole the peak in traffic was reached in 1946. However, on some properties the highest levels of traffic were attained in 1945.

Data available on automobile registrations for a number of cities and for the overall United States total seems to imply that the competition factor in the mass transportation field, as represented by the passenger automobile, has returned in almost full force and this undoubtedly accounts, in substantial measure, for losses of traffic by some local transit companies during 1947 in areas where industrial employment was still reaching new highs. It is significant to note, however, that the traffic carried by practically every transit company in 1947 was still greatly in excess of its 1941 level, the last prewar year of unrestricted automobile competition.

Wage and material costs continued to mount rapidly in 1947. The diminishing margin between revenues and expenses which started in 1945 continued through 1946 and 1947 and seriously threatened the economic well being of many companies and left them no alternative but to seek relief through increased fares.

This trend of fare increases which began as a trickle late in 1945 increased in volume so that by the end of 1947 one out of every two cities in the U. S. over 100,000 population had experienced a fare increase and in cities of less than 100,000 the ratio was one in three. These higher fares produced increases in revenues that were sorely needed, but in many instances they came so late in 1947 that their full effect is not reflected in the industry's results of operations for that year.

The numerous other fare increases that were pending or under consideration as the year 1947 closed foreshadowed substantially higher industry revenues in 1948. Some degree of stabilization is essential, however, particularly in wages, if the higher revenues are to adequately cover costs.

RESULTS OF OPERATION IN 1947

THE VOLUME OF BUSINESS as measured by operating revenues of the transit industry turned down slightly from the high point reached in 1946. However, operating expenses, including depreciation, continued their rapid advance upward reaching a new peak of \$1,239,000,000 in that year and thus for the fourth successive year net operating revenue available for the payment of taxes and return on the investment declined.

The decrease in operating revenues between 1946 and 1947 amounted to six million dollars. This was a decline of only 0.45 per cent from the 1946 total. As against the drop in revenues, operating expenses in 1947 increased 110 million dollars over 1946 or 9.68 per cent, resulting in net revenue falling off 43.19 per cent from 268 million dollars in 1946 to 152 million in 1947.

A reduction in taxes between 1946 and 1947 produced a saving of 24 million dollars. However, operating income declined 66.02 per cent or 92 million dollars between 1946 and 1947.

NE.	JULI	5 UF	1947		KΑ	NS	Ы	OF	'ER	ATI	ON	S
ITEM		1946	%							TO 194		4
OPERATING REVENUE	\$1391	\$ 1397	- 0.45		60 -	-50	-40	-30	-20	-10	Î	+10
CPERATING EXPENSE	,1239	1129	+ 9.68				V.		AV.			
NET REVENUE	152	268	-43.19		13			B 0 B 1		A TO DESC	20421-10	
TAXES	105	129	- 18.66	-00		= [4]			ĮĮ.	iyi Ene	10	
OPERATING INCOME	47	139	-66.02			1			14 55	188 B. 18		77. Y
OPERATING EXPENSE OPERATING REVENUE	89.07%	80.85%	+10.17			-20					E E	
TAXES OPERATING REVENUE	7.54 %	9.23%	-18.31	į.		0				2278		
OPERATING INCOME OPERATING REVENUE	3.39 %	9.92%	-65.83				814					E -

CHART !

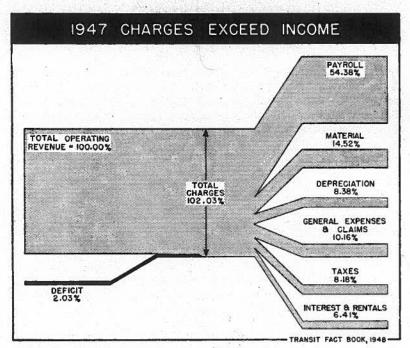


CHART II

The Dollar of Transit Revenue

Chart II shows the inadequacy of the 1947 transit dollar in meeting operating costs and fixed charges. It also shows the percentage distribution of the various charges. This Chart is based upon the operations of surface lines only, that is, with the operations of subway and elevated lines omitted.

It is a composite picture of the combined income statement of the transit industry's surface railway, motor bus and trolley coach lines carried down through the payment of the funded debt. The extent to which dividends on capital stock were paid by individual companies is not reflected in the Chart.

Total payroll of surface lines is now taking 54.38 cents of every dollar of operating revenue as compared to 49.43 in 1946 and 44.44 cents in 1945. All of the other elements of costs, with the exception of taxes, have also increased, leaving insufficient revenue to meet all interest and rental charges.

The decline in taxes from 10.06 cents of each revenue dollar in 1946 to 8.18 cents in 1947 is accounted for wholly by lowered income tax payments.

TREND OF OPERATIONS - 1932-1947

THE FINANCIAL RESULTS of transit operations since 1932 are presented in Table 1 and Chart III.

TABLE NO. 1 CHART III Results of Transit Operations in the United States 1932 to 1947 Inclusive

YEAR	OPERATING REVENUE	OPERATING EXPENSES (Incl. Deprec.)	NET REVENUE	TAXES
	(Thousands)	(Thousands)	(Thousands)	(Thousands)
1932	\$696,490	\$562,850	\$133,640	\$51,021
1933	642,400	502,420	139,980	47,370
1934	674,900	525,490	149,410	49,183
1935	681.400	534,930	146,470	50,458
1936	727,900	565,180	162,720	56,920
1937	733,500	588,680	144,820	63,504
1938	700,800	579,690	121,110	65,723
1939	720,700	586,600	134,100	67,499
1940	737,000	598,030	138,970	62,688
1941	800,300	644,260	156,040	66,803
1942	1,040,000	769,390	270,610	128,650
1943	1,294,000	932,970	361,030	186,340
1944	1,362,300	1,012,070	350,230	189,250
1945	1,380,400	1,067,140	313,260	164,530
1940	1,397,100	1,129,430	267,670	129,020
1947	1,390,800	1,238,740	152,060	104,940

Table 1-(Continued)

YEAR	OPERATING INCOME	OPERATING RATIO	TAXES IN % OF REVENUE	OPERATING INCOME IN % OF REVENUE
	(Thousands)			
1932	\$82,619	80.81%	7.33%	11.86%
1933	92,610	78.21	7.37	14.42
1934	100,227	77.86	7.29	14.85
1935	96,012	78.50	7.41	14.09
1936	105,800	77.65	7.82	14.53
1937	81,316	80.26	8.66	11.09
1938	55,387	82.72	9.38	7.90
1939	66,601	81.39	9.37	9.24
1940	76,282	81.14	8.51	10.35
1941	89,237	80.50	8.35	11.15
1942	141,960	73.98	12.37	13.65
1943	174,690	72.10	14.40	13.50
1944	160,980	74.29	13.89	11.82
1945	148,730	77.31	11.92	10.77
1946	138,650	80.85	9.23	9.92
1947	47,120	89.07	7.54	3.39

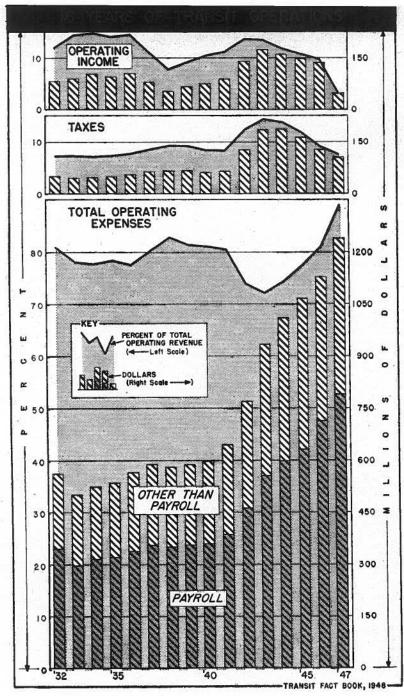


CHART III

This 16-year summary of the financial results of transit operations further emphasizes the tremendous impact of rising costs on the economy of the transit industry. While total operating revenues were higher in 1947 than in any preceding year, with the exception of the peak year of 1946, nevertheless the operating ratio of expenses to revenue, which has been increasing steadily for the past four years reached the point in 1947 where 89.07 cents of each dollar of revenue was needed for operating expenses. With taxes taking an additional 7.54 cents, Operating Income, out of which the return on investment in the property must be met, was left with an inadequate 3.39 cents, the smallest amount in any year covered by this Table.

Transit Taxes in 1947

The transit industry's taxes for the calendar year 1947 are shown in Table 2. They are subdivided between federal taxes and state, county and local taxes. Federal taxes are further classified as between income and other federal taxes.

The 1947 tax bill for the transit industry has declined 24 million dollars from a total of 129 million dollars in 1946 to almost 105 million dollars in 1947, a decrease of 18.60 per cent. Practically all of this reduction resulted from lower income tax payments, directly attributable to the smaller net income earned in 1947. In 1946 the industry's federal income taxes amounted to 41.7 million dollars. In 1947 they dropped to 18.9 million dollars.

Other federal, state, county and local taxes, which in 1947 accounted for 82 per cent of all taxes paid in that year, fell only \$1,280,000 or 1.47 per cent.

TABLE NO. 2 Transit Taxes in 1947

	TANOUNT	PERCENT DISTRIBUTION
Federal Taxes (Total)	\$36,490,000	34.77%
Income Taxes	18,900,000 17,590,000	18.01 16.76
State, County and Local Taxes	68,450,000	65.23
TOTAL TAXES	\$104,940,000	100.00%

TRANSIT TRAFFIC

Total Passengers in 1947

THE TOTAL NUMBER of passengers carried on transit lines in the United States are shown in Table 3. All classes of revenue passengers plus all transfer and free passengers to the extent this latter figure is recorded, are included in the total.

A percentage distribution of the figures given in this Table indicates 12 per cent of all passengers are carried on subway and elevated railways, 36 per cent on surface railways, 6 per cent on trolley coaches, and 46 per cent on motor buses.

More than 72 per cent of the surface railway traffic is concentrated in cities over 500,000 population and these surface railway passengers account for 63 per cent of the combined traffic of all transit service in these cities.

The largest per cent of trolley coach passengers is concentrated in cities of 250,000-500,000 population, which contains 42 per cent of all the passengers carried on this type of vehicle.

The motor bus carries the largest per cent of all traffic in each of the groups less than 500,000 population ranging from 52 per

TABLE NO. 3

Total Passengers Carried on Transit Lines of the United States in 1947

Distributed by Type of Service and Population Groups

	RAILWAY (Millions)	TROLLEY COACH (Millions)	MOTOR BUS (Millions)	GRAND TOTAL (Millions)
Subway and Elevated	2,756		,=1	2,756
Surface Lines: (Population Group)		1		
Over 1,000,000	3,602 2,261 1,090 442 361 99	119 201 569 256 121 90	2,134 950 1,819 1,954 1,591 851	5,855 3,412 3,478 2,652 2,073 1,040
Surburban and Other	241		1,033	1,274
TOTAL	10,852	1,356	10,332	22,540

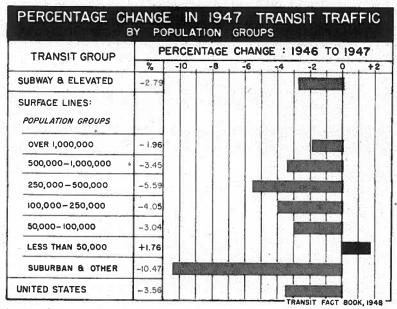


CHART IV

cent of the combined traffic of all modes of service in cities 250,000-500,000 population to more than 81 per cent in cities with populations of less than 50,000.

Comparison with 1946

The relative percentage changes in total transit traffic between 1947 and 1946 for the several groups into which traffic has been subdivided, are illustrated in Chart IV.

Except for the suburban group, which declined 10.47 per cent, the decreases registered by the other groups and for the industry as a whole were moderate, with the small cities of less than 50,000 actually showing an increase. The high level of industrial employment prevalent throughout 1947 accounts for transit traffic continuing close to its war and postwar peaks.

Monthly Traffic Index

The A.T.A. monthly traffic index illustrated in Chart V is based upon the averages of the months of the years 1936 to 1940,

the average of each month during this period being taken separately as 100 to eliminate the normal seasonal variations. The index is also adjusted for variations in the number of working days in the month and fluctuations in the occurrence of Easter.

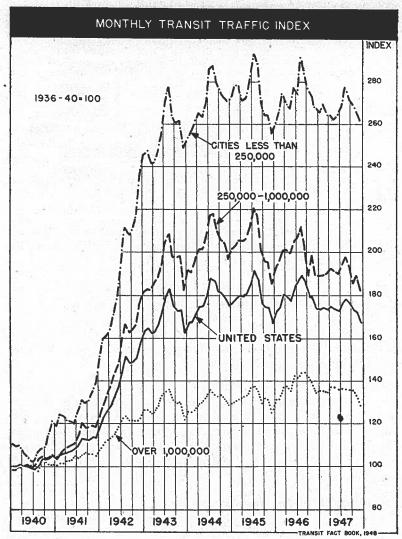


CHART V

Total Passengers 1922-1947

The total number of passengers carried on the transit lines of the United States for the years 1922 to 1947 inclusive are presented in Table 4 and the trends of these figures are illustrated in Chart VI. Separate data are shown for surface railways, subway and elevated lines, motor bus and trolley coach operation.

Prior to World War II the peak year in transit traffic was 1926 when almost 171/4 billion passengers were carried.

The industry total continued to hover around 17 billions until 1929. For the next four depression years transit traffic declined

TABLE NO. 4

CHART VI

Total Transit Passengers in the United States by Types of Service—1922 to 1947

CALEN-		RAILWAY		TROLLEY	MOTOR	GRANID
DAR YEAR	SURFACE (Millions)	SUBWAY & ELEVATED (Millions)	TOTAL (Millions)	COACH (Millions)	BUS (Millions)	GRAND TOTAL (Millions)
1922 1923 1924 1925 1926 1927 1928 1939 1933 1933 1935 1936 1937 1938 1937 1944 1949 1944 1944 1945 1944 1945	13,389 13,569 13,105 12,903 12,875 12,450 12,026 11,787 10,513 9,175 7,648 7,074 7,394 7,276 7,501 7,161 6,545 6,171 5,943 6,081 7,290 9,150 9,150 9,150 9,150 9,150 9,150 9,426 9,027 8,096	1,949 2,081 2,207 2,264 2,350 2,451 2,492 2,571 2,559 2,408 2,204 2,133 2,206 2,236 2,323 2,307 2,236 2,368 2,368 2,368 2,368 2,366 2,366 2,366 2,366 2,656 2,656 2,656 2,656 2,656 2,658 2,835 2,756	15,331 15,650 15,312 15,167 15,925 14,901 14,518 14,358 13,072 11,583 9,852 9,207 9,600 9,512 9,854 9,468 8,781 8,539 8,325 8,781 8,539 8,325 8,502 9,856 11,806 12,137 12,124 11,862 10,852	3 5 16 28 37 45 68 96 143 289 389 445 534 652 899 1,175 1,234 1,244 1,311	404 661 989 1,484 2,009 2,300 2,468 2,622 2,479 2,313 2,075 2,370 2,618 3,179 3,489 3,475 3,853 4,239 4,931 7,245 9,019 9,646 9,886 10,199 10,332	15,735 16,311 16,301 16,651 17,234 17,201 16,989 16,985 15,567 13,924 12,025 11,327 12,038 12,226 13,146 13,246 13,246 12,645 12,837 13,098 14,085 18,000 22,000 23,017 23,372 22,540

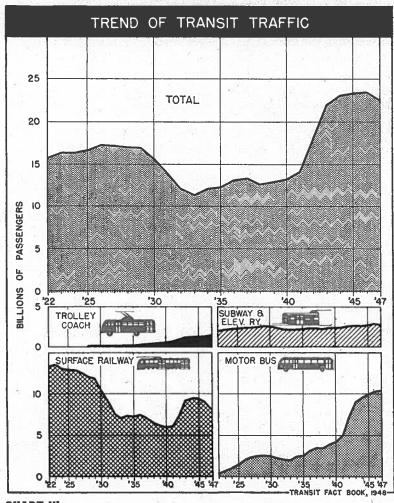


CHART VI

continuously, finally reaching a low point at 111/3 billions in 1933.

After 1933, traffic increased slowly but steadily except for the recession year of 1938 when there was a slight setback. Recovery was resumed in 1940 and continued until the war boom took over and raised traffic to new high levels. These war boom increases carried traffic to an all time high of more than 23½ billion rides in 1946.

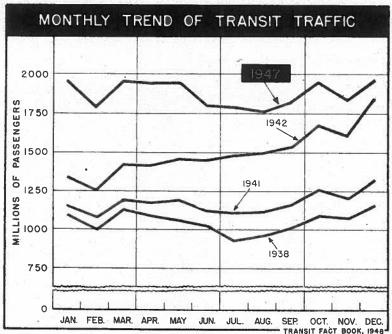


CHART VII

Monthly Pattern of Traffic

• In Chart VII is shown the monthly trend of transit traffic for the year 1947 in comparison to (a) the trend established in the war year of 1942, (b) the year 1941, immediately preceding our entry into the war and during the period in which the rearmament program was in progress and (c) the year 1938 prior to the start of hostilities in Europe.

The most notable feature of this Chart is the return in 1947 of the seasonal drop in traffic which was typical of the transit industry's experience during the summer months in the prewar years and which disappeared during the war years because of the rapidly increasing traffic trends. It is quite probable that the greater drop shown in the 1947 seasonal trend as compared to 1941 is due to the longer and more universal vacation privileges which industry, in general, has granted its employees.

The figures plotted on the Chart are based upon the actual number of passengers carried in each calendar month and the sharp downward trends noted in February and November of each year are due entirely to the fewer number of days in these months as compared to the month preceding and succeeding them.

Rides Per Capita 1924-1947

The trend of transit riding in relation to urban population of the United States over the period 1924 to 1947 is illustrated in Chart VIII.

The basic data plotted in the Chart are given in Table 5. The respective trends of the urban population, the total number of transit rides and the number of rides per capita have been shown in the Chart by means of index numbers with the year 1924 used as a base of 100 for each factor.

The urban population includes the population of all incorpo-

TABLE NO. 5

CHART VIII

Urban Population, Total Rides and Rides Per Capita
1924 to 1947 Inclusive

3	URBAN	URBAN TOTAL POPULA- RIDES	RIDES PER	INDE	EXES (1924=100)		
YEAR POPULA- TION RIDES CA PI (Millions) (Millions)	CAPITA OF POPULA- TION	POPULA- TION	RIDES	RIDES PER CAPITA			
1924. 1925. 1926. 1927. 1928. 1929. 1930. 1931. 1932. 1933. 1934. 1935. 1936. 1937. 1940. 1941. 1942. 1943. 1944. 1945. 1945.	60.1 61.6 63.0 64.5 66.0 67.5 69.0 69.5 70.0 71.1 71.7 72.9 72.8 73.3 73.9 74.4 75.1 75.3 75.7 74.6 74.5 82.8 83.9	16,301 16,651 17,234 17,201 16,989 16,985 15,567 13,924 12,025 11,327 12,038 12,226 13,146 13,246 13,246 12,645 12,837 13,098 14,085 18,000 92,000 93,017 93,254 23,372 92,540	271 270 274 267 257 252 226 200 172 160 169 171 182 182 173 174 176 188 239 291 309 319 282 269	100.0 102.5 104.8 107.3 109.8 112.3 114.8 115.6 116.5 117.5 118.3 120.1 121.1 122.0 123.8 125.0 125.3 126.0 124.1 124.0 137.8 139.6	100.0 109.1 105.7 105.5 104.9 95.5 85.4 73.8 69.5 73.8 75.0 80.6 81.3 77.6 78.7 80.4 110.4 135.0 141.9 142.7 143.4 138.3	100.0 99.6 101.1 98.5 94.8 93.0 83.4 73.8 63.5 59.0 62.4 63.1 67.2 67.2 63.8 64.2 64.9 69.4 114.0 115.1 104.1 99.3	

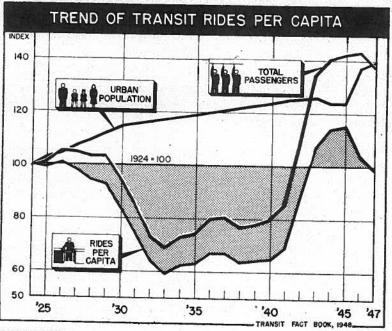


CHART VIII

rated places of 2,500 inhabitants and over and certain other areas included in the urban population, as defined by the U. S. Bureau of Census. The population figures shown in the Table and Chart are based upon civilian population and reflect the effect of the removal of a large number of persons into the armed forces during the years 1941 to 1945 inclusive and back into civilian life in 1946 and 1947.

Super-imposed on this trend was the movement of a considerable volume of people from rural sections into urban centers for war work where they remained in large numbers after hostilities ceased. With demobilization of a large part of the armed services in 1946, civilian population figures turned up sharply and while transit riding had also risen in that year, the increase in traffic was not sufficient to hold the rides per capita at the level reached in 1945. A further reduction in rides per capita occurred again in 1947 as the result of a lower level of riding and a further increase in population.

An important factor which contributed to the high points reached by rides per capita during the war years was the large

number of women, employed by industry during these years, who under peacetime conditions would not be so employed. The effect of this was to increase the per cent of labor force in relation to the total urban civilian population. In other words, these women who would ordinarily be only occasional riders became daily riders on transit vehicles.

Revenue Passengers in 1947

Table 6 shows the number of revenue passengers carried in 1947 classified according to the mode of service and population group. The number of revenue passengers is equivalent to the number of completed journeys taken by paying passengers. Transfer rides on both revenue and free transfers are excluded, as are also all free rides.

With some minor variations revenue passengers are distributed among the various types of service and among the several population groups in the same proportions as the total passengers in Table 3. The principal variation is in the subway and elevated passengers. In 1947 they comprised 30 per cent of all the railway revenue passengers, but only 25 per cent of the total railway passengers. This is because there are relatively fewer transfer passengers on the subway and elevated lines than on the surface railways.

TABLE NO. 6

Revenue Passengers Carried on Transit Lines of United States in 1947

Distributed by Type of Service and Population Groups

	RAILWAY (Millions)	TROLLEY COACH (Millions)	MOTOR BUS (Millions)	GRAND TOTAL (Millions)
Subway and Elevated	2,609		@ N ∈	2,609
Surface Lines: (Population Group)				
Over 1,000,000	2,575 1,625 782 357 324 91	69 147 450 926 104 77	1,852 650 1,384 1,621 1,383 786	4,496 2,422 2,616 2,204 1,811 954
Suburban and Other	226		949	1,175
TOTAL	8,589	1,073	8,625	18,287
1		1 1000		

TABLE NO. 7

Revenue Passengers Carried on Transit Lines of the United States Distributed by
Types of Service—1926-1947

		RAILWAY			-1741	
CAL- ENDAR YEAR	SURFACE	SUBWAY AND ELEVATED	TOTAL	TROLLEY COACH	MOTOR BUS	GRAND TOTAL
A	(Millions)	(Millions)	(Millions)	(Millions)	(Millions)	(Millions)
1926. 1927. 1928, 1929. 1930. 1931. 1932. 1933. 1935. 1936. 1937. 1938. 1938. 1941. 1942. 1944. 1945. 1946. 1947.	9,762.4 9,398.8 8,967.6 8,733.5 7,792.6 6,763.1 5,558.0 5,127.3 5,340.0 5,181.2 5,301.9 4,932.8 4,475.1 4,310.4 4,182.5 4,276.3 5,141.5 6,893.7 7,169.4 7,080.9 6,769.0 5,980.0	2,345.6 2,446.3 2,487.4 2,565.5 2,553.4 2,199.5 2,197.7 2,227.3 2,313.5 2,274.8 2,226.1 2,289.8 2,298.1 2,447.2 2,516.3 2,483.1 2,685.0 2,609.0	12,108.0 11,845.1 11,455.0 11,299.0 10,346.0 9,166.0 7,757.5 7,254.9 7,537.7 7,408.5 7,615.4 7,207.6 6,701.2 6,600.2 6,464.4 6,574.4 7,588.7 9,410.0 9,652.5 9,636.0 9,454.0 8,589.0	2.4 4.0 12.9 92.5 92.6 35.1 54.3 76.5 192.6 230.8 312.4 357.8 419.2 521.0 718.0 986.8 1,050.0 1,073.0	1,777.1 2,027.9 2,171.8 2,300.8 2,169.1 2,018.1 1,862.4 1,815.6 2,079.7 2,297.3 2,773.7 2,997.1 2,971.1 3,294.3 3,620.1 4,206.1 6,194.5 7,570.0 8,096.1 8,344.7 8,615.0 8,625.0	13,885.1 13,873.0 13,629.2 13,603.8 12,528.0 11,206.6 9,649.5 9,105.6 9,671.7 10,435.5 9,984.7 10,552.3 10,503.7 11,301.5 14,501.2 17,918.0 18,735.4 18,981.9 19,119.0 18,287.0

However, there is a large volume of physical transferring within prepayment areas on the subway and elevated lines, particularly in New York, that is not recorded and hence is not reflected in the statistics.

Trend of Revenue Passengers 1926-1947

In Table 7 is shown the number of revenue passengers carried on transit lines in the years 1926 to 1947 inclusive, classified in each year according to the mode of service.

Revenue passengers constitute approximately 81 per cent of total transit passengers and over the years their trends are the same. Since about 1925, however, the number of revenue passengers has been slightly inflated by the use of the weekly pass since some companies having weekly passes do not distinguish between initial and transfer rides on passes and count all pass rides as revenue rides.

TRANSIT REVENUES

Operating Revenue

THE RECORD OF MONTHLY operating revenue in the years 1946 and 1947, and the per cent change of each month from the previous year is presented in Table 8 and its trend is illustrated in Chart IX. One point of particular interest is the new high point reached by monthly revenues in December 1947 when it amounted to \$127,600,000, an increase of 3.24 per cent over December 1946.

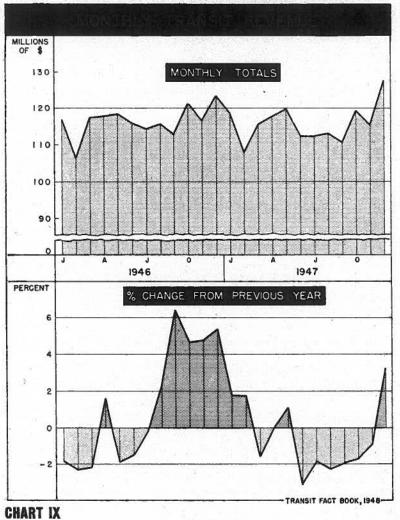


TABLE NO. 8
CHART IX
Transit Operating Revenue by Months—1947, 1946 and 1945

	1947 (Thousands)	1946 (Thousands)	% CHANGE (1947- 1946)	1945 (Thousands)	% CHANGE. (1946- 1945)
January	\$118,900	\$116,800	+1.80%	\$119,000	-1.85%
February	108,200			108,800	
March	115,600	117,500	-1.62	120,100	
April	117,800			115,900	
May	119,800	118,500	+1.10	120,800	
June	112,200			117,600	
July	112,200	114,300	-1.84	114,500	
August	113,100			113,100	
September	110,700	112,900	-1.95	106,100	
October	119,300	121,400	-1.73	116,000	
November	115,400			111,200	
December	127,600			117,300	
TOTAL	\$1,390,800	\$1,397,100	-0.45	\$1,380,400	+1.21

Preliminary figures available for the first quarter of 1948 indicate that this upward trend of revenues continued into the new year.

The total operating revenue of transit lines in the United States in 1947 is shown in Table 9 distributed according to the mode of service and the population groups from which it was derived.

TABLE NO. 9
Transit Operating Revenue for Year 1947 Distributed by Types of Service and Population Groups

	RAILWAY (Millions)	TROLLEY COACH (Millions)	MOTOR BUS (Millions)	GRAND TOTAL (Millions)
Subway and Elevated	\$158.7			\$158.7
Surface Lines: (Population Group)				
Over 1,000,000	196.7 126.4 65.5 27.1 24.3 5.7	\$6.1 9.9 33.7 14.0 7.2 5.9	\$127.0 53.8 107.1 131.7 92.0 51.6	329.8 190.1 206.3 172.8 123.5 63.2
Suburban and Other	62.6		83.8	146.4
TOTAL	\$667.0	\$76.8	\$647.0	\$1,390.8

Trend of Operating Revenue 1926-1947

The total annual operating revenue of the transit industry since 1926 is shown in Table 10 and illustrated in Chart X. Revenues from surface railways, subway and elevated lines, motor buses and trolley coaches are presented separately.

The striking feature of the record is the increase in motor bus revenues over the period and the decline in the revenue of the surface railway. Stimulated by the war effort, the revenues of the

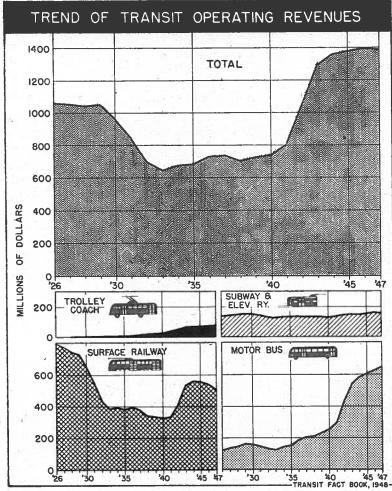


CHART X

TABLE NO. 10

CHART X

Trend and Distribution of Transit Operating Revenue in the United States by
Types of Service—1926-1947

31		RAILWAY				
CAL- ENDAR YEAR	SURFACE	SUBWAY AND ELEVATED	TOTAL	TROLLEY COACH	MOTOR BUS	GRAND TOTAL
	(Millions)	(Millions)	(Millions)	(Millions)	(Millions)	(Millions)
1926. 1927. 1928. 1929. 1930. 1931. 1932. 1933. 1934. 1935. 1936. 1937. 1940. 1941. 1942. 1943. 1944. 1945. 1944. 1945.	\$799.7 773.9 744.7 732.2 649.3 548.9 432.5 388.9 397.8 380.7 339.5 332.8 327.1 332.9 412.7 537.0 562.1 558.2 540.5 508.3	\$138.6 145.0 148.2 154.6 153.6 144.1 131.2 126.4 130.6 131.8 135.6 134.8 131.1 132.9 129.0 133.6 144.3 149.0 147.5 151.3 160.6 158.7	\$938.3 918.9 892.9 886.8 802.9 693.0 563.7 515.3 528.4 519.8 533.4 515.5 470.6 465.7 456.1 466.5 557.0 686.0 709.5 701.1 667.0	\$.3 .6 1.7 2.2 2.7 3.0 4.2 5.5 7.6 14.2 18.9 21.7 25.0 34.5 48.6 63.7 67.5 68.4 72.1 76.8	\$119.2 135.3 146.9 165.1 158.4 146.9 130.1 124.1 142.3 156.1 186.9 203.8 211.3 233.3 255.9 299.3 434.4 544.3 585.2 602.5 623.9 647.0	\$1,057.5 1,054.2 1,040.1 1,052.5 963.0 842.1 696.5 642.4 674.9 681.4 727.9 733.5 700.8 720.7 737.0 800.3 1,040.0 1,362.3 1,380.4 1,397.1 1,390.8

surface railways staged something of a comeback between 1941 and 1944, but since 1945, with the war over they again began to decline. Conversions from railway to motor bus or trolley coach service have, of course, been the principal cause of their decline.

In Chart XI the percentage distribution of transit operating revenues among the several types of service in each of the years from 1926 to 1947 is presented graphically. It brings out even more sharply the decline of the surface railway and the rise of the motor bus and trolley coach during this period.

In 1926, 75.62 per cent of all transit revenue was derived from the surface railways, 13.11 per cent from the subway and elevated lines and 11.27 per cent from motor bus service. By 1947 the surface railway share of the revenue had declined to 36.55 per cent while the share of the motor bus had climbed to 46.52 per cent.

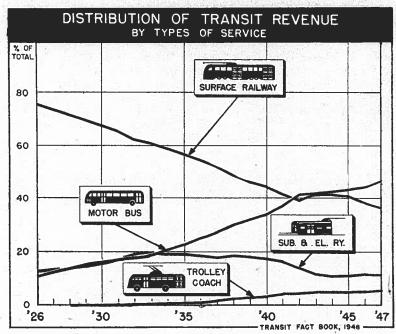


CHART XI

The trolley coach which had not been in the picture in 1926 accounted for 5.52 per cent of the revenue in 1947. The remaining 11.41 per cent of the revenue came from the subway and elevated service.

It is an interesting commentary on the underlying trend of transit traffic that while traffic on the surface railways increased during the war years 1941 to 1944 inclusive the per cent of the total which that traffic represented continued to decline except in one year, 1943. In 1939 the surface railways accounted for 46.18 per cent of the total. By 1942 the per cent had dropped to 39.68. In 1943 it increased to 41.50 and then declined again to 41.26 in 1944. By 1947 it had slipped down to 36.55 per cent, the lowest it had ever been. In contrast to this the motor buses and trolley coaches though hampered by restrictions throughout the war period nevertheless increased their proportion of the total traffic with each succeeding year, the bus from 34.72 per cent in 1940 to 46.52 in 1947 and the trolley coach from 3.39 per cent in 1940 to 5.52 per cent in 1947.

TABLE NO. 11

Trend and Distribution of Transit Passenger Revenue in the United States_by
Types of Service—1926-1947

		RAILWAY				i i mu
CAL- ENDAR YEAR	SURFACE (Millions)	SUBWAY AND ELEVATED (Millions)	TOTAL (Millions)	TROLLEY COACH (Millions)	MOTOR BUS (Millions)	GRAND TOTAL (Millions)
1926 1927 1928 1929 1930 1931 1935 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947	\$728.6 705.1 679.5 667.9 595.1 506.1 400.6 360.5 368.8 357.8 365.2 347.1 311.0 303.7 299.0 301.8 365.0 490.6 509.0 504.9 488.8 457.4	\$134.4 140.6 143.7 149.9 148.9 139.7 127.2 122.6 126.6 127.8 131.8 130.8 130.0 130.0 128.8 131.7 139.7 147.5 146.5 150.8 160.1 158.3	\$863.0 845.7 823.2 817.8 744.0, 645.8 527.8 483.1 495.4 485.6 497.0 477.9 439.0 433.7 427.8 433.5 504.7 638.1 655.5 655.7 648.9 615.7	\$.3 .6 1.7 2.2 2.7 3.0 4.2 5.5 7.6 14.1 18.8 21.6 24.9 34.3 48.4 63.3 67.1 68.0 71.7 76.5	\$115.5 131.1 142.3 159.9 153.4 142.3 126.1 120.2 137.8 151.2 180.9 197.7 205.1 226.2 248.8 291.0 426.0 534.2 574.3 590.0 610.9 618.5	\$978.5 976.8 965.8 .978.3 899.1 790.3 656.6 606.3 637.4 642.3 685.5 689.7 662.9 681.5 701.5 758.8 .979.1 1,235.6 1,296.9 1,313.7 1,331.5 1,310.7

Passenger Revenue 1926-1947

Transit passenger revenue in the years 1926 to 1947 is shown in Table 11 in the same manner as total operating revenue is shown in Table 10.

The difference between the two tables is due to the fact that total operating revenue, in addition to passenger revenue also includes revenues from other services such as mail, express, milk, freight switching, etc., applicable principally to railway operation. Bus companies also derive additional revenue from rents and advertising but generally speaking this non-passenger revenue is of a negligible amount.

There is no appreciable difference in the trends shown in both Tables inasmuch as the ratio between the two remain almost constant, the ratio of passenger revenue to total operating revenue varying between 93 and 96 per cent for the entire period covered.

VEHICLE MILES

THE TOTAL NUMBER of miles operated by transit vehicles, segregated as between surface street cars, subway and elevated cars, motor buses and trolley coaches in the years 1926 to 1947 inclusive are shown in Table 12.

The mileage of the several types of vehicles follows approximately the same trend as their revenues and passenger traffic already discussed in connection with Tables 7 and 10. Due to the smaller passenger-carrying capacity of the average motor bus, however, its mileage represents a larger percentage of the transit total than does either the revenue derived from its operation or the number of passengers it carries.

TABLE NO. 12

Revenue Vehicle Miles Operated in the United States by Each Type of Transit

Vehicle—1926-1947

	1 0	RAILWAY			f. 16, 87	
CAL- ENDAR YEAR	SURFACE	SUBWAY AND ELEVATED	TOTAL	TROLLEY COACH	MOTOR BUS	GRAND TOTAL
	(Millions)	(Millions)	(Millions)	(Millions)	(Millions)	(Millions)
1926. 1927. 1928. 1929. 1930. 1931. 1932. 1933. 1935. 1936. 1937.	1,821.9 1,753.6 1,679.1 1,610.3 1,540.4 1,417.9 1,266.7 1,147.7 1,096.6 1,080.9 1,029.2 922.3	398.1 410.2 434.3 450.3 454.8 440.7 423.5 427.7 438.6 447.4 461.6 469.1 457.4	2,220.0 2,163.8 2,113.4 2,060.6 1,995.2 1,858.6 1,690.2 1,593.4 1,586.3 1,544.0 1,542.5 1,498.3 1,379.7	1.2 2.0 6.0 7.9 9.5 10.5 14.6 19.0 26.3 49.7 67.9	449.7 589.2 633.4 699.8 705.8 682.5 663.3 655.1 711.1 764.0 864.2 .957.0	2,669.7 2,7753.0 2,748.0 2,762.4 2,707.0 2,549.0 2,363.0 2,359.0 2,312.0 2,433.0 2,505.0 2,434.0
1939 1940 1941 1942 1943 1945 1946 1947	878.3 844.7 792.2 850.4 978.0 977.9 939.8 894.5 839.3	469.4 470.8 479.8 469.6 461.7 461.0 458.4 458.9 462.3	1,347.7 1,315.5 1,265.0 1,320.0 1,439.7 1,438.9 1,398.2 1,353.4 1,301.6	74.9 86.0 98.4 115.7 129.7 132.3 133.3 143.7 155.1	1,047.4 1,194.5 1,313.0 1,612.0 1,693.0 1,713.3 1,729.3 1,807.9 1,885.7	2,470.0 2,596.0 2,676.4 3,047.7 3,262.4 3,284.5 3,253.8 3,304.3 3,342.4

ELECTRIC POWER

TABLE 13 shows the annual electric power consumption of the transit industry from 1920 to 1947 inclusive. It is also presented graphically in Chart XII.

Separate data are shown for power generated by the transit companies themselves and power purchased from central stations together with the total cost of the purchased power. Finally the table shows also the respective power consumption of surface railways, rapid transit lines and trolley coaches in each year.

TABLE NO. 13

Source and Distribution of Electrical Energy Consumed by the Transit Industry of the United States and Cost of Purchased Power—1920-1947

		500	KILOWATT I	HOURS (IN	MILLIONS)		
CAL-	т	OTAL CON	ISUMPTION	. T. 74	GENER-	PUR-	COST OF PURCHASED
ENDAR YEAR	RAPID TRANSIT	SURFACE RAILWAY	TROLLEY COACH	TOTAL	ATED	CHASED	POWER
1920. 1921. 1922. 1923. 1924. 1925. 1926. 1927. 1928. 1929. 1931. 1932. 1933. 1934. 1938. 1936. 1937. 1938. 1939. 1939. 1939. 1939. 1939. 1939. 1939. 1939. 1939. 1939.	1,256 1,278 1,314 1,416 1,488 1,548 1,592 1,641 1,760 1,824 1,785 1,715 1,736 1,793 1,991 1,971 1,971 1,971 1,971 1,971 1,971 1,964 1,966 1,964 2,003	8,066 7,863 7,887 7,894 7,951 7,749 7,410 7,121 6,816 6,283 5,629 5,273 5,065 5,096 5,087 4,399 4,050 3,808 4,058 4,658 4,657 4,547 4,380 4,255	** 18 24 29 32 44 57 79 150 204 225 296 354 403 412 447 489	9,322 9,141 9,201 9,310 9,439 9,543 9,613 9,390 9,170 8,945 8,676 8,092 7,373 7,041 7,102 7,005 7,100 7,014 6,524 6,286 6,090 6,400 7,001 6,928 6,791 6,747	4,313 4,031 3,506 3,441 3,356 3,237 3,108 2,976 2,935 2,863 2,770 2,621 2,433 2,377 2,352 2,309 2,271 2,114 2,167 2,257 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237 2,237	5,009 5,110 5,695 5,869 6,083 6,306 6,505 6,414 6,082 5,906 5,471 4,940 4,664 4,696 4,829 4,817 4,410 4,235 4,031 3,923 4,173 4,763 4,763 4,763 4,763 4,763 4,763 4,764	\$56,101,000 57,232,000 63,215,000 63,972,000 65,696,000 66,844,000 68,303,000 65,822,162 64,221,000 60,241,000 55,804,000 47,106,000 47,025,000 46,021,000 46,021,000 46,358,000 38,962,000 38,962,000 36,682,000 34,915,000 41,160,000 42,350,000 41,200,000 43,200,000

^{*} Included with Surface Railway

TOTAL PURCHASED AND GENERATED S Œ _ PURCHASED 0 I ⋖ ₹ 0 × ш **GENERATED** 0 S z 0 20 25 30 '35 40 45 47 TRANSIT FACT BOOK, 1948 _ CHART XII

EMPLOYMENT AND PAYROLL

THE AVERAGE NUMBER of employees, the annual payroll and the average annual earnings per employee for the years 1931 to 1947 inclusive are shown in Table 14. Chart XIII illustrates the respective trends of each of these items.

The transit industry's payroll continued its upward surge in 1947 reaching a total of \$790,000,000 in that year. This was an increase of 77 million dollars over 1946 or 10.80 per cent. This increase was the result of a rise of \$238 (an increase of 8.34 per cent) in the average annual earnings per employee, as well as an increase in the labor force.

With the exception of a few areas where manpower shortages still exist, most companies have restored transit service close to its prewar levels. This meant more employees per unit of traffic and as traffic continued close to its wartime levels it meant also a substantial increase in the total number of employees. This accounts largely for the increase in average number of employees from 242,000 in 1945 to 266,000 in 1947.

Since 1940 there has been a steady increase in employees, pay-

TABLE NO. 14 CHART XIII

Number of Employees, Annual Payroll and Average Annual Earnings per Employee in the Transit Industry of the United States, 1931-1947

YEAR	AVERAGE NUMBER OF EMPLOYEES	PAYROLL	AVERAGE ANNUAL EARNINGS PER EMPLOYEE	
1931	250,000	\$ 423,000,000	\$1,692	
1932	222,000	344,000,000	1,550	
1933	206,000	297,000,000	1,442	
1934	211,000	314,000,000	1,488	
1935	209,000	321,000,000	1,536	
1936		338,000,000	1,594	
1937	215,000	356,000,000	1,656	
1938	207,000	351,000,000	1,696	
1939	204,000	356,000,000	1,745	
1940	203,000	360,000,000	1,773	
1941	205,000	386,000,000	1,883	
1942	219,000	462,000,000	2,110	
1943		554,000,000	2,318	
1944		599,000,000	2,475	
1945		632,000,000	2,612	
1946	261,000	713,000,000	2,732	
1947		790,000,000	2,970	



CHART XIII

roll and average earnings, but prior to 1940 there was a considerable amount of fluctuation in the number of employees.

First, there were the fluctuations in business conditions which directly affected the demand for transportation.

Second, there was intensified competition from private automobiles which produced a steady drain on transit companies.

Third, was the program of conversion, first to one man cars of big city systems and second, to motor buses on the part of the smaller systems.

These three causes account for the fluctuation of employment in the years prior to the war. During the entire period from 1935 to 1944 the average earnings per employee rose steadily from \$1,536 to \$2,475. This increase in the earnings of individual employees also had the effect of steadying the trend of the total payroll. There was only one interruption to its upward course. That was in 1938 when the business recession already referred to produced a sharp drop in number of employees and, in consequence, the total payroll declined from \$356,000,000 to \$351,000,000. Even under those conditions the average earnings per employee increased, rising from \$1,656 to \$1,696.

CAPITAL AND MAINTENANCE EXPENDITURES

CHARTS XIV and XV illustrate the trends of capital and maintenance expenditures of the transit industry in the years 1941 to 1947 inclusive with a forecast of expenditures in 1948. In Table 15 is presented the actual figures beginning with the year 1942. The data for 1941 has been dropped from this table because of space requirements, but the record for this year may be obtained from earlier editions of the Transit Fact Book.

In this presentation maintenance expenditures are divided between expenditures for materials and expenditures for maintenance labor. Separate data on expenditures for fuel and lubricants are also shown.

Capital expenditures in 1947 reached a new high which was greatly in excess of any previous year. The backlog of orders for new equipment which had accumulated during the war and postwar years of restrictions and shortages was responsible for these high peaks. The actual capital expenditures in 1947 fell close to the forecast made at the beginning of 1947. The expanded and sustained production programs of equipment manufacturers made

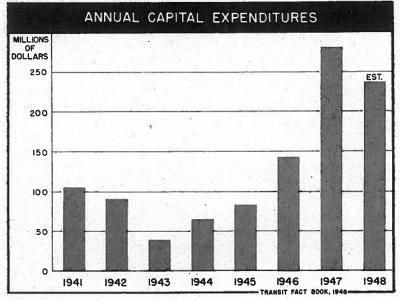


CHART XIV

[30]

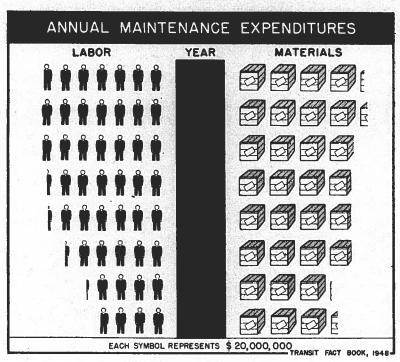


CHART XV

it possible for them to fulfill most of the orders accepted for delivery in 1947. However, there was still a large unsatisfied demand for more equipment as the year ended. Company forecasts of expenditures in 1948 makes this quite obvious. While the amount of money budgeted for new vehicles in 1948 is less than in 1947, it is above the normal amount expended by transit companies in peacetime years, and undoutedly reflects a further replacement of worn-out equipment that could not be made sooner. Of course, part of these higher capital expenditures is due to the increase in the unit cost of new transit vehicles which resulted from the increasing cost of manufacture and the improvement in their design and quality.

The moderate increases in the total cost of maintenance material and labor which has been experienced during the years 1946 and 1947 and the slight decrease forecast for these expenditures in 1948 is directly attributable to the acquisition of a large number of new vehicles by transit companies which have made it possible for many companies to reduce maintenance costs to some extent.

TABLE NO. 15 CHARTS XIV AND XV

		0,0,	7007	404	4016	4017	1040 EOBECACT
N N N	T942 (Thousands)	(Thousands)	(Thousands)	(Thousands)	(Thousands)	(Thousands)	(Thousands)
		CAPITAL	CAPITAL EXPENDITURES	HOLE WASSELL	2012		
Way and Structures	\$ 11,850	\$ 13,600	\$ 15,450	\$ 18,480	\$ 35,100	\$ 56,160	\$ 63,000
Ogrs.	2,680	1,800	008/9	8,980	11,600	17,500	24,000
Buses	96,900	19,000	39,162	47,500	84,500	182,040	105,000
Trolley Coaches	4,600	1,600	780	2,750	4,700	15,950	32,000
Power and Line	1,960	3,300	3,400	5,300	7,800	9,610	13,600
TOTAL CAPITAL EXPENDITURES.	\$ 90,990	\$ 39,300	\$ 65,592	\$ 83,010	\$143,700	\$281,260	\$237,600
	MA	INTENANCE EX	MAINTENANCE EXPENDITURES-MATERIALS	ATERIALS.	The state of the s		693534
Way and Structures	\$ 13.100	\$ 17.100	\$ 16,640	\$ 19,340	\$ 16,824	\$ 11,272	\$ 10,200
Oare		15,300		17,450	18,262	20,088	16,900
Blices	26,500	35,400	37,320	34,500	38,226	48,547	49,000
Trolley Coaches	2,120	2,300	2,493	2,580	2,838	3,548	4,600
Power and Line	4,100	7,200	3,878	3,960	3,760	3,497	3,100
TOTAL MAINTENANCE— MATERIALS	\$ 60,820	\$ 77,300	\$ 76,561	\$ 77,830	\$79,910	\$ 86,952	\$ 83,800
		AAINTENANCE	MAINTENANCE EXPENDITURES—LABOR	-LABOR	THE PART OF THE		200
Way and Structures	\$ 28,400	\$39,300	\$ 43,080	\$ 41,340	\$48,000	\$ 35,040	\$ 33,600
Cars	22,300	31,900	36,020	38,150	41,500	43,160	37,100
Buses	28,000	29,000	40,240	41,630	42,000	52,920	24,000
Trolley Coaches	1,290	1,700	1,994	2,200	2,500	2,950	4,000
Power and Line	4,700	6,100	2,009	5,180	2,800	7,250	7,400
TOTAL MAINTENANCE— LABOR	\$ 84,690	\$108,000	\$126,343	\$128,500	\$139,800	\$141,320	\$136,100
TOTAL MAINTENANCE— MATERIALS AND LABOR	\$145,510	\$185,300	\$202,904	\$206,330	\$219,710	\$228,272	\$219,900
GRAND TOTAL—CAPITAL & MAINTENANCE EXPENDITURES	\$236,500	\$224,600	\$268,496	\$289,340	\$363,410	\$509,532	\$457,500
File and Libridans	\$ 50,500	\$ 55,800	\$ 60,020	\$ 63,840	\$ 63,920	\$ 77,508	\$ 87,590

TRANSIT EQUIPMENT

New Equipment Delivered in 1947

TEW TRANSIT EQUIPMENT delivered in 1947 is shown in Table 16 classified according to the size of the community to which the vehicles were delivered. The motor buses are further classified into three groups, according to their seating capacities, and Chart XVI illustrates these data.

With the record delivery of 13,612 new vehicles in 1947, 14.7 per cent of all vehicles owned by transit companies were one year old or less as of the end of that year. If 1946 and 1947 deliveries are added together (20,762 vehicles), 22.5 per cent or nearly one out of every four vehicles was less than two years old as of that date.

A breakdown of these figures into the several groups follow:

Group	New Vehicles Delivered in 1947 in Per Cent of Total Vehicles Owned	in 194 Per (hicles Delivered 7 and 1946 in Cent of Total icles Owned
Cities over 1,000,000 po	pp 7.3%	15.7%	(4,522 veh.)
" 500,000-1,000,000 ⁻	12.1	17.7	(2,366 ")
" 250,000-500,000	21.7	29.1	(4,112 ")
" 100,000-250,000		26.4	(3,094 ")
. " 50,000-100,000	16.4	22.4	(2,050 ")
" Less than 50,000 pe	op 15.8	29.8	(2,516 ")
Suburban Areas		31.8	(2,102 ")

Approximately 53 per cent of all motor buses delivered in 1947 were in the largest seating capacity group and three-fourths of these large-type vehicles were delivered to transit companies serving cities over 250,000. Medium-size buses having 30-39 seats represented 31 per cent, with the smaller buses of 29 seats or less making up the remaining 16 per cent.

The record of the number of buses in each of the three-size classes delivered in the last five years is given in Table 17. It shows that during the war years the deliveries of small buses predominated, but this was a period during which the government not only exercised control over the allocation of new vehicles but also over the kinds and sizes that might be built. With the removal of governmental control after the war, the larger city properties, whose traffic could be handled more efficiently by the larger vehicles, resumed purchasing them and these large motor buses now predominate in current deliveries.

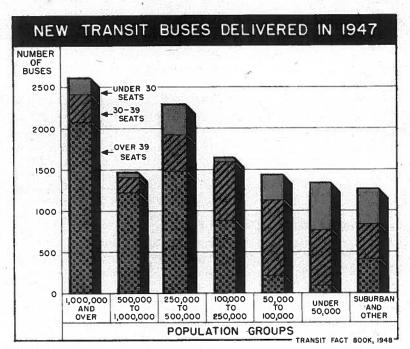


CHART XVI

TABLE NO. 16

CHART XVI

New Transit Equipment Delivered in 1947 Classified According to Population Group and Seating Capacity of Buses

POPULATION GROUP	SUB- WAY & ELE- VATED	STREET CAR	TROL- LEY COACH			OR BUS AL ONLY	0	GRAND TOTAL ALL
GROUP	96 SEATS	45-48 SEATS	40-45 SEATS	SEATS OR LESS	30-39 SEATS	SEATS OR MORE	TOTAL	HICLES
Over 1,000,000 500,000 —	2	401	88	186	342	2,076	2,604	3,095
1,000,000 250,000 – 500,000		208	157 576 82 52	55 367 49 306 566 422	184 439 715 917 685 435	1,225 1,482 878 207 83 410	1,464 2,288 1,642 1,430 1,334 1,267	1,621 3,072 1,724 1,499 1,334 1,267
TOTAL	Σ.	626	955	1,951	3,717	6,361	12,029	13,612

TABLE NO. 17

Number of Buses in Each Size Class
Delivered in the Years 1943-1947

YEAR	29 SEATS OR LESS	30-39 SEATS	40 SEATS OR MORE	TOTAL
1943	847	179	225	1,251
1944	2,4 <u>2</u> 3	369	1,015	3,807
1945	1,757	1,183	1,501	4,441
1946	1,849	2,429	2,185	6,463
1947	1,951	3,717	6,361	12,029

New Equipment 1936-1947

The record of new transit equipment delivered in the years 1936 to 1947 is given in Table 18.

Before the war deliveries tended to run about 5,000 units per year except during the slight recession in 1938. With the outbreak of war, orders were increased and a total of 7,820 units were delivered in 1942. Under governmental control, production of vehicles was restricted during the war. With the lifting of these restrictions late in 1945 production was further hampered

TABLE NO. 18

New Passenger Equipment Delivered to Transit Companies in the United States—
1936 to 1947

CAL- ENDAR YEAR		RAILWAY CAR	S			125
	SURFACE	SUBWAY & ELEVATED	TOTAL	TROLLEY	MOTOR BUSES	GRAND
1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946	573 342 145 371 463 462 284 32 284 332 421 626	0 300 53 150 15 0 0 0 0	573 642 198 521 478 462 284 32 284 332 421 628	538 462 184 587 310 411 336 117 55 161 266 955	4,572 3,908 2,498 3,918 3,984 5,600 7,200 1,251 3,807 4,441 6,463 12,029	5,683 5,012 2,880 5,026 4,772 6,473 7,820 1,400 4,146 4,934 7,150 13,612

by labor trouble and by shortages of materials. Even though large numbers of vehicles were delivered in 1946, it was not until 1947 when 13,612 units were built, that operating companies were getting new vehicles in the quantities they needed.

Equipment Owned in 1947

Table 19 shows the number of passenger vehicles owned by transit companies as of December 31, 1947 segregated according to mode of service and distributed among the population groups in which they are operated.

Considerably more than half of all the vehicles are motor buses and account for 61.7 per cent of all vehicles owned. Railway cars comprise 30,781 units of which 9,174 are subway and elevated cars and 21,607 surface street cars. Thus street cars comprise 23.4 per cent of the total, subway and elevated cars represent 9.9 per cent and the remaining 5.0 per cent is accounted for by the 4,632 trolley coaches.

The distribution according to population groups shows that a very large proportion of all transit vehicles is concentrated in the larger cities. This is particularly true of the railway cars of which 77.4 per cent including the subway and elevated cars are found in cities over 500,000 population. The same groups of cities also account for approximately 45.8 per cent of all transit vehicles.

TABLE NO. 19
Transit Passenger Equipment in 1947 Showing Types of Vehicles and Their
Distribution by Population Groups

NE SECTION	RAILWAY CARS	TROLLEY COACH	MOTOR BUS	GRAND TOTAL	
Subway and Elevated	9,174	741	74	9,174	
Surface Lines: (Population Group)					
Over 1,000,000	8,778 5,868 3,751 677 834 524	322 686 2,232 797 387 208	10,572 6,847 8,150 10,266 7,917 7,723	19,672 13,401 14,133 11,740 9,138 8,455	
Suburban and Other	1,175		5,442	6,617	
TOTAL	30,781	4,632	56,917	92,330	

Trolley coaches are centered very largely in cities between 250,000 and 500,000. Approximately 48 per cent of all trolley coaches are found in this group, 2,232 out of 4,632.

In cities less than 250,000 population the motor bus is supreme. Thus in cities between 100,000 and 250,000 population, 87.4 per cent of all vehicles owned are motor buses; in cities between 50,000 and 100,000 population, 86.6 per cent; and in cities under 50,000, 91.3 per cent. The average for the three groups mentioned in 88.3 per cent. In short haul intercity and suburban service, buses represent over 82.2 per cent of the transit vehicles, the balance being surface street cars.

Equipment Distribution 1942-1947

In Table 20 the distribution of the three types of transit equipment by population groups is shown for the years 1942 to 1947 inclusive. It brings out clearly where the shifts from one type of vehicle to another are occurring.

The total number of vehicles increased between 1942 and 1947 which naturally was to be expected considering the great expansion in transit traffic which occurred in these years. However, surface cars decreased slightly due to the substitution of buses, and the decrease in the number of rapid transit cars was due entirely to the demolition of the elevated railways in New York City.

The greatest shift in transit vehicle use occurred in the group of cities between 100,000 and 250,000 population. It is the most interesting feature of this table, presenting as it does in actual figures the gradual penetration of the motor bus into the larger cities as the principal vehicle of mass transportation.

The table shows that from 1942 to 1947 the number of street cars in this group of cities decreased from 2,231 to 677. A decrease of 1,283 occurred between 1945 and 1947 suggesting that, if it had not been for the war, the decline in the number of street cars would have been greater in the 1942-1947 period. In this same period, the number of buses in this group increased from 7,743 to 10,266. In 1942, street cars comprised 20.9 per cent of all of the vehicles in this group; by 1947, they represent only 5.7 per cent.

The same trend is observable in the figures of the other groups, but not as much change was made in those groups in this period.

lusive	2		37,508	37,505	36,755	33,962	101/00	3,385	3,501	2,700	3,916	4,632		46,000	47,100	49,670	52,450	56,917		86,893	89,246	90,141	YZ,33U
Transit Passenger Equipment Showing Types of Vehicles and Their Distribution by Population Groups—1942 to 1947 Inclusive	SUBURBAN AND OTHER		1,781	1,790	1,760	1,500								3,542	3,600	4,760	5,110	5,442		5,323	5,870	6,520 6,610	/10/0
	LESS THAN 50,000		968	88	068	710		243	243	243	236	208	100	2,607	5,700	2,0,0	7,380	7,723		6,746	7,653	8,193 8,326	8,455
	50 000-	8	1,644	1,040	1,610	1,430		359	362	373	383	387		6,838	7,100	7,680	7,520	7,917		8,841	9,620	9,663 9,333 9,333	9,138
SURFACE LINES	100,000-	X	2,231	2,230	1,960	1,560	ŭ	ī	669	707	751	797	OR BUSES	7,743	8,150	8,730	9,450	10,266	ALL VEHICLES	10,673	11,292	11,414	11,/40
	250,000-	RAILW	4,685	4,660	4,420	4,180	TROLLEY	1,413	1,496	1,033	1,783	2,232	MOTOR	6,723	6,900	7,030	6,920	8,150	TOTAL	12,821	13,153	12,587 12,883	14,133
	500,000-		6,249	6,240	6,420	6,270	200/6	443	473	7,47	589	686		6,024	6,050	5,080	5,930	6,847		12,716	12,539	12,565	13,401
43/	1,000,000 POPULÁTION		9,744	06/6	9,620	9,080	2///2	838	858	234	934	322		9,523	009,0	0,000	10,140	10,572		19,495	19,014	19,124	19,0/2
44	TRANSIT	100	10,278	10,255	10,075	9,232									:			0.080		10,278	10,105	10,075	4/1/5
E GAN	X X		1942	1943	1945	1946		1942	1943	1044	1946.	1947		1945	1943	1045	1946.	1947		1942	1944	1945	1947

Transit Equipment Since 1926

Table 21 presents data on the total number of units of passenger equipment owned by the transit industry of the United States in the years 1926 to 1947 inclusive, classified according to mode of service. Chart XVII illustrates the trends.

The progress of conversion from street railway to motor bus is again the most striking feature of the record. Over the 22-year period while the number of surface street cars was decreasing from 62,857 to 21,607, the number of motor buses was increasing from 14,400 to 56,917, a shrinkage of 66 per cent in the case of one and an expansion of 295 per cent in the case of the other. Trolley coaches do not get into the picture until 1928, but between that year and 1947 they increased from 41 to 4,632. The number of subway and elevated cars increased from 8,909 in 1926 to 11,205 in 1938, but the razing of the elevated lines in New York reduced their number to 9,174 in 1947 only 265 more than in 1926.

TABLE NO. 21
CHART XVII

Trends of Transit Passenger Equipment in the United States—1926 to 1947

-		RAILWAY CAR	S	912 13	18	
CAL- ENDAR YEAR SURFACE	SURFACE	SUBWAY AND ELEVATED	TOTAL	TROLLEY COACH	MOTOR BUS	GRAND TOTAL
1926. 1927. 1928. 1929. 1930. 1931. 1932. 1934. 1935. 1936. 1937. 1938. 1939. 1940. 1941. 1942. 1943. 1944. 1945.	62,857 61,379 58,940 56,980 55,150 53,120 49,500 47,700 40,050 37,180 31,400 29,320 26,630 27,092 27,230 27,250 27,180 26,680 24,730 21,607	8,909 8,957 9,611 9,983 9,640 9,638 10,434 10,418 10,416 10,923 11,032 11,032 11,032 11,032 11,032 10,578 10,278 10,275 10,075 9,232 9,174	71,766 70,336 68,551 66,963 64,790 62,758 59,934 58,124 54,118 50,466 48,103 45,212 42,605 40,372 37,662 37,662 37,505 37,505 37,285 36,755 33,962 30,781	41 57 173 925 969 310 441 578 1,136 1,655 2,032 2,184 2,802 3,029 3,385 3,501 3,561 3,716 3,916 4,632	14,400 18,000 19,700 21,100 21,300 20,700 20,200 20,200 23,800 26,800 27,500 28,500 35,000 35,000 46,000 47,100 48,400 49,670 52,450 56,917	86,166 88,336 88,292 88,120 86,263 83,683 80,403 78,634 76,759 74,844 76,039 74,367 73,137 75,156 75,464 79,999 86,893 88,106 89,246 90,141 90,328 92,330

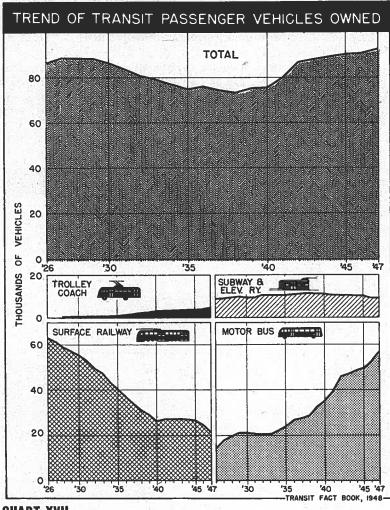


CHART XVII

Although 13,612 new passenger vehicles were delivered in 1947 the total number of vehicles at the end of the year was only 2,002 more than at the end of 1946. Much of the new equipment went to replace street cars in the cities where conversions were made to buses. There was a net decrease of 3,123 street cars after the delivery of 626 new P.C.C. cars. New buses delivered in 1947 numbered 12,029, but the net increase in the total at the end of the year was only 4,467. The difference represents old buses replaced.

Capacity of Transit Vehicles

The total passenger capacity of all transit vehicles in the U. S. is shown in Table 22 in each of the years 1922 to 1947, inclusive, and the trend of these data are illustrated in Chart XVIII. The total capacity of transit vehicles is derived by applying the average ratio of carrying capacity to seating capacity, to total seats available for the several types of vehicles in service.

The maximum passenger carrying capacity of the transit indus-

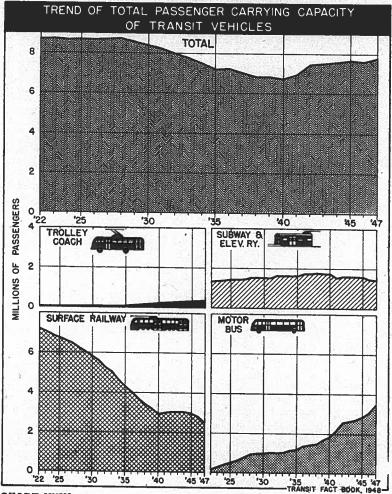


CHART XVIII

TABLE NO. 22
CHART XVIII

Trends of Passenger Carrying Capacity of Transit Vehicles in the United States
1922-1947
(Thousands)

AS OF	ELECT	RIC RAILWAY	CARS	TROUTEN	MOTOR	ALL
DECEM- BER 31st	RAPID TRANSIT	SURFACE	TOTAL CARS	- TROLLEY COACHES	MOTOR BUSES	TRANSIT VEHICLES
1992. 1993. 1994. 1995. 1996. 1997. 1998. 1999. 1930. 1931. 1933. 1934. 1935. 1938. 1937. 1938. 1939. 1940. 1941. 1942. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944.	1,327 1,347 1,347 1,364 1,414 1,416 1,528 1,544 1,533 1,532 1,659 1,656 1,656 1,757 1,757 1,757 1,757 1,757 1,757 1,568 1,631 1,631 1,631 1,631 1,631 1,631 1,637 1,637 1,637 1,636 1,637 1,637 1,637 1,637 1,648 1,448 1,459	7,198 7,065 6,878 6,751 6,612 6,468 6,224 6,030 5,847 5,637 5,262 5,076 4,662 4,288 4,000 3,697. 3,411 3,203 2,933 2,933 2,993 3,009 3,012 3,009 2,962 2,799 2,504	8,525 8,412 8,242 8,165 8,028 7,752 7,574 7,380 7,169 6,921 6,733 6,318 5,745 5,745 5,451 5,193 4,960 4,690 4,643 4,643 4,643 4,643 4,643 4,643 4,643 4,643 4,643 4,643 4,643 4,960 4,960 4,960	2 3 4 4 4 2 3 4 12 16 16 19 22 31 40 81 116 137 152 209 218 246 255 260 275 295 358	161 300 404 514 625 801 963 990 991 1,034 1,015 1,029 1,155 1,799 1,382 1,425 1,485 1,706 1,841 2,555 2,615 2,708 2,825 3,050 3,457	8,688 8,715 8,650 8,683 8,657 8,695 8,718 8,568 8,383 8,219 7,955 7,784 7,504 7,183 7,200 6,919 6,818 6,740 6,919 7,444 7,513 7,584 7,664 7,672 7,778

try was attained in the year 1928. Subsequently it declined, reaching the low point in 1940. This decline in carrying capacity is attributable almost wholly to the reduction in the number of surface railway cars in service.

Beginning with 1941, the decline in surface railway equipment was arrested and the increased number of buses and trolley coaches which were added to the fleets of operating companies during the war years produced an expansion of capacity which continued through 1945. The retirement of a substantial number of elevated railway cars by the New York City Transit System in 1946 lowered the overall carrying capacity slightly for that year.

Peak deliveries of new vehicles during 1947 turned the trend of carrying capacity upward again.

TRACK AND ROUTE MILEAGE

TOTAL MILES OF electric railway track and total round-trip length of motor bus and trolley coach routes as of the end of 1947 distributed among the several classes of cities and other areas heretofore used, are presented in Table 23.

With electric railways rapidly disappearing from the local transit picture in small cities, the remaining track still in operation is largely concentrated in cities over 250,000 population. This group now contains 49.3 per cent of all surface track operated with suburban and interurban electric railways accounting for the next largest proportion, amounting to 39.1 per cent. Since the wartime restrictions on the abandonment of rail lines in favor of other forms of transportation was lifted in 1945, miles of surface track operated in cities over 250,000 has declined 11.5 per cent from 7,660 to 6,780 miles; in cities of less than 250,000, the decrease is 41 per cent, from 2,710 to 1,600 miles; with a decline in suburban and interurban track of 740 miles, a reduction of 12.1 per cent. Total trolley coach route continued to increase in 1947 with cities over 1,000,000 population showing the greatest gains since 1945 in this mode of operation. Cities less than 50,000 population on the other hand show a decrease of 21 per cent during the same period.

TABLE NO. 23

Total Miles of Electric Railway Track, Motor Bus Route and Trolley Coach Route of the Transit Industry in the United States, 1947

Distributed by Population Groups

	RAILWAY	TROLLEY COACH	MOTOR BUS
Subway and Elevated	1,252	<u> </u>	<u> </u>
Surface Lines: (Population Group) Over 1,000,000 500,000—1,000,000 250,000—500,000 100,000—250,000 50,000—100,000 Less than 50,000	2,820 2,100 1,860 690 710 200	126 210 1,374 617 317 153	6,340 3,680 9,880 11,700 8,400 5,890
Suburban and Other	5,370		49,460
TOTAL	15,002	2,797	95,350
		100	1 5 Ki 1 5 Ki 1

TABLE NO. 24

Electric Railway Track, Motor Bus-Route and Trolley Coach Route of the Transit Industry in the United States, 1926-1947

	TOTAL	MILES OF RAILWA	Y TRACK	TROLLEY COACH—	MOTOR BUS—
AS OF DECEMBER 31ST SURFACE SUBWAY AND ELEVATED	TOTAL	MILES OF NEGATIVE OVERHEAD WIRE	MILES OF ROUTE ROUND- TRIP		
1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1941 1942 1942 1943 1944 1944 1945 1946 1947	40,570 39,682 38,235 36,520 34,320 32,120 30,418 28,730 27,270 25,470 24,040 22,460 20,500 19,300 18,360 17,100 16,950 16,950 16,480 15,490 13,750	1,030 1,040 1,045 1,080 1,080 1,080 1,130 1,170 1,230 1,260 1,310 1,300 1,300 1,300 1,300 1,300 1,250 1,250 1,250 1,250 1,250 1,252 1,252	41,600 40,722 39,300 37,600 35,400 33,200 31,548 29,900 28,500 26,700 25,300 23,770 21,800 20,600 18,350 18,200 18,210 18,112 17,732 16,742 15,002	39 59 146 194 251 281 423 548 859 1,166 1,398 1,525 2,098 2,330 2,330 2,305 2,305 2,302 2,370 2,411 2,797	36,900 38,900 43,500 52,800 60,900 58,300 52,700 54,700 62,200 67,000 70,400 74,300 82,100 85,500 87,000 87,700 90,400 91,150 95,350

Motor bus routes involve no construction costs; they present only a problem of selection and may be extended or contracted as circumstances dictate with little or no sacrifice of financial investment. Street railway track and trolley coach routes, however, require heavy expenditure for construction and once constructed may not be changed except at great expense.

This elemental difference is largely responsible for the character of the data in Tables 23 and 24. The total motor bus route mileage is almost 7 times the length of electric railway surface track. As a matter of fact, motor bus routes in 1947 were approximately twice as long as the largest amount of track the electric railways had at their maximum extent back in 1917 when they had the whole field of local transportation to themselves. Motor buses can readily go and serve where railways would never be constructed. An indication of this is found in the amount of bus route mileage outside of the cities. Table 23 shows that 52 per cent of all transit bus routes are located in suburban and other nonurban areas.

INDEX

Buses Delivered (1943-1947) 36 Passengers: Revenue (1947) 3, 18; (1926-1947) Capital and Maintenance Expenditures Rides per capita (1924 to 1947) 16 Total (1947) 3, 10; (1922-1947) 13" Companies: By types of service (1922 to Distribution of, by population 1947) 14 groups, 1 Number of, (1947) 1 Payroll: Total (1947) 3, (1931-1947) 29 Employees: See also Employees Number of, (1947) 3; (1931-1947) Power Consumption: Payroll and average earnings Total (1947) 3; (1920-1947) 27 (1931-1947) 29 Revenue: Equipment: Operating (1947) 2, 20; (1946 and Passenger vehicles: 1947) 5 Distribution of, (1947) 6; Carrying capacity (1922-1947) 42 (1926-1947) 23 New, delivered (1947) 34; Trend of, (1926-1947) 22 (1936-1947) 36 Passenger (1947) 2, 18; Number owned (1947) 2 (1926-1947) 25 Trends of, (1926-1947) 40 Type and distribution (1947) 37; Rides per Capita (1924 to 1947) 16 (1942-1947) 38 Route and Track Miles: Expenditures: Total (1947) 44; (1926-1947) 45 Capital (1942-1948) 33 Service, Types of (1922 to 1947) 13 Maintenance (1942-1948) 33 Materials, total (1947) 3 Taxes, Amount and Percentage Distribution (1947) 9 Expense: Operating (1946 and 1947) 5 Vehicle Miles . Operated: Revenue (1926-1947) 26 Investment in Transit Industry (1947) 2 Total (1947) 3 Miles of Track and Route (1947) 2, 44; Vehicles: (1926-1947) 45 Passenger: Carrying capacity (1922-1947) 42 Operating Revenue see under Revenue New, delivered (1947) 34; (1936-1947) 36 Operations, Trend of (1932-1947) 7 Number owned (1947) 2, Passenger Traffic: Trends in, (1926-1947) 40 Comparison (1946 with 1947) 11 Type and distribution (1947) 37; Trend of, monthly (1940-1947) 11 (1942-1947) 39