

251/TN.2 - Rail/Statistics

10000/148/830

To: June '45

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RAILROAD CAPACITY - FREIGHT

It is customary to use pre-war traffic figures as an indication of Italy's pre-war railroad capacity. And it is even more common to assume that the railroad facilities existing in Italy before the war were necessary to haul her pre-war traffic. Neither of these assumptions is warranted.

In the railroad year, 1938-1939, the I.S.R. hauled 54 million tons of freight for a total of 12,328 million ton-kilometers. If traffic on its own account is excluded, the figures become 47.4 and 11,550 millions, respectively. In 1942-43, freight traffic amounted to 68.3 million tons and 27,626 million-ton kilometers; traffic on I.S.R.'s non ~~own~~ account is also excluded from these figures. In other words, freight tonnage increased by 44% and ton-kilometers, by 139%. Expressed in other terms, the railroads in 1939 were used to 69% of capacity, if tons, and to 42% of capacity, if ton-kilometers be used as a criterion.

The average length of haul was 244 Km (or 152 miles) in 1938-39 and 402 Km (or 250 miles) in 1942-43.

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ALLIED FORCE HEADQUARTERS MONTHLY REPORT -
AUGUST FOR MONTH OF JUNE

Military Coaching Trains - June, 1945

<u>Originating Area</u>	<u>No of Trains</u>	<u>No of Passengers</u>
	32	15871
Nord East Italy	169	64086
South Italy	201	79957
Total	221	102685
May		

Special Trains (Personnel and Vehicles) - June

<u>Originating Area</u>	<u>No Trains</u>	<u>Personnel</u>	<u>Vehicles</u>	<u>Stores Tons</u>	<u>Remarks</u>
N. E. Italy	240	263140	31 AFV's	276	3312 horses
South Italy	63	47591		915	400 mules
Total	303	310731	31 AFV's	1191	3712 horses
May	170	177552	316	828	

The above figures of 290,000 passengers for May and 390,000 for June may be compared with the 692,000 first and second class passengers, and the 8,194,000 passengers all classes carried monthly in 1932-39, on the Italian Mainland. June traffic was 56% of 1939 monthly 1st and second class traffic and less than 5% of all passengers carried monthly before the war.

RAIL WAGON LOADINGS - SICILY & MAINLAND

<u>Month</u>	<u>Wagons Loaded</u>
November '44	73,582
December '44	85,258
January '45	82,594
February '45	86,057
March '45	92,061
April '45	107,962
May '45	
June '45	
July '45	
August '45	
September '45	

Data for November - April, inclusive, from monthly transportation report for May. No indication that it includes all traffic, military and civil, but apparently the figures include both.

For the railroad year, 1938-39, the I.S.R. loaded about 180,000 cars per month in Sicily and on the Italian Mainland, south of Bologna. In other words, the April loadings were about 60% of the pre-war I.S.R. monthly loadings, and, somewhat less than 60% of all monthly railroad loadings (since I.S.R. figures do not include private railway operations).

ITALIAN STATE RAILWAYS

1938-1939

<u>Compartment</u>	<u>Tons</u>	<u>Wagons</u>
Bologna	2,999,035	416,912
Florence	6,434,236	605,251
Ancona	2,815,660	294,293
Roma	3,015,004	272,402
Napoli	3,430,430	370,784
Bari	2,033,633	218,994
Reggio Calabria	1,218,003	121,965
Palermo	2,745,485	275,779
Cagliari	519,736	46,399
 Total	 25,211,222	 2,622,779
Per Month	2,100,935	218,565
 Total less Sicily & Sardinia	 21,946,001	 2,300,601
Per Month	1,662,167	191,717
Per Day (365)	60,126	6,300
Per Day (300)	73,153	7,669

In July A.F.H.Q. estimated 3500 cars available daily for all purposes in King's Italy - 56% of 6300 and 46% of 7669

August rail tonnage mainland - 369540 tons, - 22% of 1662167.

In the five Mainland Provinces above, 645230 wagons carried 1178063 tons of L.C.L. freight or 1.8 tons per car in 1939. The average weight of carload traffic was 12.5 tons per car. If L.C.L. freight cars had been loaded to the same capacity as others, only 1749616 cars would have been required, or 76% of the actual requirements.

Monthly carloads would then have been 145801 and the number of wagons loaded daily would have been 5832 (on a 300 day basis) or 4793 (on a 365 day basis).

If 3500 cars are actually available daily South of Bologna, these constitute 73% of 4793 and 60% of 5832.

TURNAROUND TIME - I.S.R.

In 1938-39, 5,439,727 wagon loads were carried on the I.S.R. in 128,752 wagons. In other words, each wagon was used, on the average, 42 times, or 3.5 times per month. And turnaround time was 7 to 9 days per car, the difference depending on whether 300 or 365 days are used in the computation.

According to the I.S.R. in its Allegato 6, justifying its import requirements for 1945-46, an average of 17,676 cars were loaded daily. Apparently, it uses a working year of 307 days, in order to get this figure, although no indication is given of what it considers a working year.

According to above mentioned Allegato 6, turnaround time averaged 5.74 days. This average is obtained by including only rail wagons in good operating condition, which numbered 101,410. If a 365 day year was used, the figure would be about 7 days.

A wagon in April averaged a load 3.4 times during the month - turnaround of 8.8 days (on a 365 day year) as against 2.5 during December, 1944 - turnaround of 12.4 days (on a 365 day year). This information from Monthly Report for May.

*If 365 day year - then 14,872 cars loaded in 1945
at present about 100,000 cars loaded in 1945/1946*

RAIL TRAFFIC ITALIAN GOVERNMENT TERRITORY

	<u>Within Compartments</u>	<u>Between Compartments</u>	<u>% Between Compartments</u>
	<u>Tons</u>	<u>Tons</u>	
March	49,963	26,276	35%
April	163,327	52,979	25%
May	178,477	57,042	24%
June	199,358	76,256	22%
July	192,974	103,891	35%
August			

NOTES - RAILROAD STATISTICS

Rail - Sardinia

According to report of Economic Section, Allied Commission, 1 September 1944 prepared under direction of General O'Dwyer tonnages hauled in Sardinia were divided between 4 different railway organizations.

Ferrovie Stato, Ferrovie Complementari, Ferrovie Meridionali Sarde, and Strade Ferrate Sarde.

The following tonnages were hauled:

<u>Ferrovie Stato</u>			<u>Ferrovie Complementari</u>			<u>Grand Total</u>		
<u>Military</u>	<u>Civil</u>	<u>Total</u>	<u>Military</u>	<u>Civil</u>	<u>Total</u>	<u>Military</u>	<u>Civil</u>	<u>Total</u>
13,015	12,274	25,289	771	3,178	3,949	18,204	44,294	62,198

<u>Ferrovie Meridionali Sarde</u>			<u>Strade Ferrate Sarde</u>		
<u>Military</u>	<u>Civil</u>	<u>Total</u>	<u>Military</u>	<u>Civil</u>	<u>Total</u>
105	27,478	27,583	4,313	1,364	5,677

Rail Tonnage 1945 April (2 weeks) -	27,888	(55776 for whole month)
June	77,840	AUG
July	76,579	

Average Monthly Tonnage 1939 - I.S.R. - 39,142 tons
all Railways in Sardinia - 233,000 tons.

July Traffic about 1/3 of 1939 monthly traffic.

FREIGHT CARS SITUATION

In 1939, 5,429,727 cars carried 54 million tons of freight in all Italy. Less than carload traffic amounted to 2,922,080 tons or 5.4% of the total. But 1,464,049 wagons, 27% of the total, were used in hauling L.C.L. traffic. If the L.C.L. freight cars were loaded to the same capacity as all the others, only 4,248,488 cars would have been required, or 78% of those actually used.

I.S.R. maintains, in Allegato 6, justifying its import requirements for 1945 and 1946, only 101,000 freight cars were in good operating condition in 1939. 78% of these amounts to a little more than 78,000 cars. These would therefore be required to haul the 1939 freight, if (1) L.C.L. shipments were consolidated and (2) the same turnaround efficiency as upstated in 1939 could be achieved.

As of July 15, 1945, the I.S.R. reported 57,718 freight cars in operating condition and an additional 33,440 freight cars, awaiting reconstruction or cannibalization.

In 1938-39 the I.S.R. carried 166.9 million passengers for a total of 11,773 million passenger kilometers. In 1942-43, 391 million passengers were carried 31,058 million passenger kilometers. In other words, the number of passenger carried increased by 135% and passenger kilometers, by 164% in the period. In still other words, passengers carried in 1938-1939 were 43% of those carried in 1942-1943, and passenger kilometers, 38%.

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TONNAGE FOR RAILROAD'S OWN ACCOUNT,
BY COMPARTMENT OF ORIGIN.

<u>Compartment</u>	<u>Tons</u>	<u>%</u>
Torino	456,312	6.5
Milano	692,288	9.9
Venezia	646,248	9.3
Trieste	168,724	2.4
Genova	530,896	7.6
Bologna	665,229	9.6
Firenze	893,124	12.8
Ancora	426,541	6.1
Roma	645,050	9.3
Napoli	675,796	9.7
Beri	306,088	4.4
Reggio Calabria	364,408	5.2
Palermo	444,860	6.4
Cagliari	50,032	0.7
	6,965,596	99.9

ANNUAL FREIGHT TONNAGE ON I.S.R., BY ORIGIN

<u>Year</u>	<u>In Stations</u>		<u>At Ports</u>		<u>From the Lines</u>		<u>Total</u>
	<u>Million Tons</u>	<u>%</u>	<u>Million Tons</u>	<u>%</u>	<u>Million Tons</u>	<u>%</u>	<u>Million Tons</u>
1938-39	34.4	63.6	14.3	26.5	5.4	9.9	54.1
1937-38	36.0	62.8	13.7	23.9	7.6	13.3	57.3
1936-37	33.1	64.4	11.4	22.2	6.8	13.4	51.4
1935-36	28.4	60.4	12.9	27.4	5.6	11.9	47.0
1934-35	23.2	54.3	14.6	34.2	4.8	11.5	42.7
1933-34	23.9	59.4	11.6	28.8	4.6	11.8	40.2
1929-30	39.2	60.1	15.9	24.4	10.0	15.5	65.2

ANNUAL FREIGHT TONNAGE ON I.S.R., BY ORIGIN

<u>In Stations</u>		<u>At Ports</u>		<u>From the Lines</u>		<u>Total</u>
<u>Million Tons</u>	<u>%</u>	<u>Million Tons</u>	<u>%</u>	<u>Million Tons</u>	<u>%</u>	<u>Million Tons</u>
34.4	63.6	14.3	26.5	5.4	9.9	54.1
36.0	62.8	13.7	23.9	7.6	13.3	57.3
33.1	64.4	11.4	22.2	6.8	13.4	51.4
28.4	60.4	12.9	27.4	5.6	11.9	47.0
23.2	54.3	14.6	34.2	4.8	11.5	42.7
23.9	59.4	11.6	28.8	4.6	11.8	40.2
39.2	60.1	15.9	24.4	10.0	15.5	65.2

TONNAGE CARRIED FOR THE PUBLIC BY THE I.S.R.,
1937-38 AND 1938-39, BY COMPARTMENT OF ORIGIN

<u>Compartment</u>	<u>1937-38</u>		<u>1938-39</u>	
	<u>Tons</u>	<u>%</u>	<u>Tons</u>	<u>%</u>
Torino	5,790,337	11.6	5,786,261	12.2
Milano	6,922,664	13.8	5,736,374	12.1
Venezia	4,215,245	8.4	3,743,057	7.9
Trieste	5,219,644	10.4	3,895,110	8.2
Genova	7,023,934	14.0	7,485,970	15.9
Bologna	2,834,193	5.7	2,333,806	4.9
Firenze	5,900,673	11.8	5,541,112	11.7
Ancona	2,226,570	4.5	2,389,119	5.1
Roma	2,231,605	4.5	2,369,954	5.0
Napoli	2,619,664	5.2	2,754,634	5.8
Bari	1,786,759	3.6	1,727,545	3.7
R. Calabria	797,217	1.6	853,595	1.8
Palermo	2,055,347	4.1	2,151,186	4.5
Cagliari	460,740	0.9	469,704	1.0
Total	50,084,592	100	47,237,431	100.0

PRINCIPAL FREIGHT LOADED ON I.S.R. AT PORTS 1929-39

<u>Year</u>	<u>Coal</u>		<u>Cereals</u>		<u>Cotton</u>		<u>Mineral Oil</u>		<u>Fertilizer</u>		<u>Salt & Tobacco</u>		<u>T</u> <u>O</u>
	<u>Tons</u> <u>000</u>	<u>%</u>	<u>Tons</u> <u>000</u>	<u>%</u>	<u>Tons</u> <u>000</u>	<u>%</u>	<u>Tons</u> <u>000</u>	<u>%</u>	<u>Tons</u> <u>000</u>	<u>%</u>	<u>Tons</u> <u>000</u>	<u>%</u>	
1938-9	7489	52.3	824	5.8	120	0.9	451	3.1	856	5.9	245	1.7	4
1937-8	7199	52.5	412	3.0	147	1.1	617	4.5	710	5.2	232	1.7	4
1936-7	5020	43.9	1160	10.1	147	1.3	486	4.3	699	6.1	209	1.8	3
1935-6	7051	54.4	742	5.7	115	0.9	448	3.5	657	5.1	206	1.6	3
1934-5	9484	64.6	500	3.4	143	1.0	468	3.2	583	3.9	200	1.4	3
1933-4	6825	58.6	383	3.3	133	1.1	492	4.2	588	5.1	189	1.6	3
1932-3	5294	53.2	701	7.0	100	1.0	571	5.7	501	5.0	186	1.9	2
1931-2	6250	53.0	1544	13.1	146	1.2	626	5.3	354	3.0	186	1.6	2
1930-1	7360	53.3	1913	13.8	209	1.5	636	4.6	540	3.9	196	1.4	2
1929-30	9016	56.5	1321	8.3	302	1.9	646	4.1	644	4.1	211	1.3	3

PRINCIPAL FREIGHT LOADED ON I.S.R. AT PORTS 1929-39

	<u>Cotton</u>		<u>Mineral Oil</u>		<u>Fertilizer</u>		<u>Salt & Tobacco</u>		<u>Other</u>		<u>Total</u>
	<u>Tons</u> <u>000</u>	<u>%</u>	<u>Tons</u> <u>000</u>	<u>%</u>	<u>Tons</u> <u>000</u>	<u>%</u>	<u>Tons</u> <u>000</u>	<u>%</u>	<u>Tons</u> <u>000</u>	<u>%</u>	<u>Tons</u>
8	120	0.9	451	3.1	856	5.9	245	1.7	4348	30.3	14333
0	147	1.1	617	4.5	710	5.2	232	1.7	4394	32.0	13711
1	147	1.3	486	4.3	699	6.1	209	1.8	3701	32.4	11422
7	115	0.9	448	3.5	657	5.1	206	1.6	3735	28.8	12955
4	143	1.0	468	3.2	583	3.9	200	1.4	3314	22.6	14692
3	133	1.1	492	4.2	588	5.1	189	1.6	3038	26.1	11649
0	100	1.0	571	5.7	501	5.0	186	1.9	2593	26.1	9946
1	146	1.2	626	5.3	354	3.0	186	1.6	2679	22.7	11785
8	209	1.5	636	4.6	540	3.9	196	1.4	2954	21.4	13808
3	302	1.9	646	4.1	644	4.1	211	1.3	3805	23.9	15945

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Railroad

1938 - 1939 FREIGHT TRAFFIC

- P.S.R. only
Wheatland, Sandy & Goodwin

Commodity	Tons	
Citrus fruits	635,688	1.3
Fresh & dry fruits	368,619	0.8
Preserves	109,866	0.2
Sub-Total	1,114,173	2.3
Olives fresh & dry	5,267	-
Olive oil	132,520	0.3
Sansa	139,556	0.3
Sub-total	278,043	0.6
Grapes, fresh	68,896	0.1
Wine	830,721	1.8
Sub-Total	899,417	1.9
Coal, linatrace and anthracite	5,932,692	12.6
Briguettes	95,227	0.2
Lignite	1,402,961	3.0
Coke from coal	1,286,006	2.7
Sub-Total	8,716,886	13.5
Iron ore	112,486	0.2
Manufactured iron	2,733,999	5.8
Cast iron	576,576	1.2
Pyrites (mineral)	705,608	1.5
Pyrites (ash)	517,559	1.1
Sub-Total	4,646,228	9.8
Bats	273,187	0.6
Sugar	390,465	0.9
Sub-Total	663,652	1.4
Dried legumes	182,962	0.4
Vegetables, legures	418,854	0.9
Garlic and onions		
Potatoes	403,616	0.8
Fresh tomatoes	211,250	0.5
Sub-Total	1,216,682	2.6
Benzine	159,911	0.3
Petrolio	75,093	0.2
Mineral oil	445,319	0.9
Petroleum coke	37,028	0.1
Sub-Total	717,351	1.5
Bitumen, solid and liquid		
Calce (lime)	22,203	0.1
Tar, liquid and solid	40,916	0.1

Wine			1.9
Sub-Total	880,721		1.9
Coal, lignite and anthracite			12.6
Briquettes	5,932,392		0.2
Lignite	95,227		3.0
Coke from coal	1,402,961		2.7
Sub-Total	1,285,006		18.5
Iron ore	3,716,886		0.2
Manufactured iron	112,486		5.8
Cast iron	2,733,999		1.3
Pyrites (mineral)	576,576		1.5
Pyrites (ash)	705,609		1.1
Sub-Total	517,559		9.3
Bats	4,646,229		0.6
Sugar	273,197		0.3
Sub-Total	390,465		1.4
Dried legumes	663,662		0.4
Vegetables, legumes	182,932		0.9
Garlic and onions	418,854		0.8
Potatoes	403,316		0.5
Fresh tomatoes	211,250		2.6
Sub-Total	1,216,682		0.3
Benzine	159,911		0.2
Petrol	75,093		0.9
Mineral oil	445,319		0.1
Petroleum coke	37,028		1.5
Sub-Total	717,351		0.1
Bitumen, solid and liquid			0.1
Celce (lime)	22,203		0.1
Tar, liquid and solid	40,916		5.6
Common cement	2,641,863		0.5
Stone and gravel	222,550		1.5
Marble	698,440		0.1
Rubble	33,776		1.6
Common brick	781,871		0.3
Refractory brick	126,581		0.1
Melazzo	36,105		0.6
Stone, natural and rough cut	269,028		-
Finished stone	8,624		-
Stone slabs	6,129		1.5
Gravel	702,640		0.3
Cement stone	148,973		0.1
Chalk stone	63,319		

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Commodity	Tons	%
Lime stone	39,893	0.1
Cement clay	205,161	0.4
Construction sand	307,862	0.6
Tiles	91,201	0.2
Leavings of asphalt, cement marble stone and glass	90,587	0.2
Asphalt	52,812	0.2
Sub-Total	6,570,534	14.2
Wheat	1,451,190	3.1
Wheat flour	616,083	1.3
Whole wheat flour	221,700	0.5
Bran	190,850	0.4
Corn	203,453	0.4
Corn flour	64,434	0.1
Rice	363,244	0.8
Other cereals	137,827	0.3
Pasta di minestra	107,157	0.2
Sub-Total	3,356,248	7.1
Hay	103,703	0.2
Straw	187,092	0.4
Sub-Total	290,795	0.6
Ammonium nitrate	60,522	0.1
Ammonium sulfate	280,197	0.6
Calcium, chemical	7,398	-
Calcium, natural	67,219	0.1
Natural phosphate	599,845	1.3
Superphosphate	882,939	1.9
Total	1,898,120	4.0
Aluminum	29,651	0.1
Chrome, lead and zinc ores	112,486	0.2
Lead	55,773	0.1
Copper	119,700	0.3
Glass and polishing sand	305,790	0.6
Refractory and foundry sand	372,916	0.8
Common, marine and rock salt	212,045	0.5
Glass	114,216	0.2
Zinc	19,811	-
Sulfur	286,503	0.6
Sub-Total	1,628,891	3.4
Logs	290,013	0.6
Sawed timber	900,320	1.9
Firewood	217,744	0.5
Boards	9,571	-

Bran	190,890	0.4
Corn	203,453	0.4
Corn flour	64,434	0.1
Rice	363,544	0.8
Other cereals	137,827	0.3
Pasta di minestra	107,187	0.3
Sub-Total	3,356,248	7.1
Hay	103,703	0.2
Straw	187,082	0.4
Sub-Total	290,795	0.6
Ammonium nitrate	60,522	0.1
Ammonium sulfate	280,197	0.6
Calcium, chemical	7,398	-
Calcium, natural	67,219	0.1
Natural phosphate	599,845	1.3
Superphosphate	882,939	1.9
Total	1,898,120	4.0
Aluminium	29,651	0.1
Chrome, lead and zinc ores	113,486	0.2
Lead	55,773	0.1
Copper	119,700	0.3
Glass and polishing sand	305,790	0.6
Refractory and foundry sand	373,916	0.8
Common, marine and rock salt	213,045	0.5
Glass	114,216	0.2
Zinc	19,811	-
Sulfur	286,503	0.6
Sub-Total	1,628,891	3.4
Logs	290,013	0.6
Sawed timber	900,320	1.9
Firewood	217,744	0.5
Boards	9,571	-
Wooden beams	53,674	0.1
Other wood	13,613	-
Cellulose and mechanical wood paste	270,012	0.6
Sub-Total	1,754,947	3.7
Grand Total	33,734,977	76.43%

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<u>Commodity Group</u>	<u>% of 1939 Tonnage</u>	<u>% of Tonnage in Sample</u>
Products of forests	3.7	5.2
Minerals and products	3.4	4.8
Coal, coke and lignite	18.5	26.0
Iron ore and products	9.8	13.7
P.O.L.	1.5	2.1
Edg and constr. materials	13.9	19.5
Products of agriculture	16.5	23.1
Fertilizer	4.0	5.6
Total	71.3	100.0

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ROLLING STOCK WITH
NORMAL GAUGE

FREIGHT MATERIAL

Closed cars
Refrigerating cars
High sided cars
Low sided cars
Flat cars
Flat cars for 40 Tns or
more
Flat cars up to 20 Tns.
Tip car
Crane cars
V cars (special for the
railway service)
Tank for food oils
Reservoirs for acids
Reservoirs for water
Reservoirs for fuels

TRAVELERS MATERIAL

Baggage cars
Post cars
Coaches of all the classes
Sleeping cars
Restaurant cars
Liquid Fuel self-propelled
Cars

NARROW GAUGE VEHICLES

Coaches, Baggage, Post,
cars
Cars

موجوده

Rolling Stock	Rolling Stock	Total	Will have by
Working	Working	by the end of 1946	end 1946 with construction of new It. workshops
1939	1945		

Crane cars
V cars (special for the
railway service)
Tank for food oils
Reservoirs for acids
Reservoirs for water
Reservoirs for fuels

TRAVELLERS MATERIAL

Baggage cars
Post cars
Coaches of all the classes
Sleeping cars
Restaurant cars
Liquid Fuel self-propelled
Cars

NARROW GAUGE VEHICLES

Coaches, Baggage, Post,
cars
Cars

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VEICOLI A SCARTAMENTO NORMALE	Veicoli in Servizio	VEICOLI				Fabbisogno totale al- la fine del 1946	Dotaz.fine 1946 con nuove costi- tuzioni Of- ficine Ita.
		In Ser- vizio	Ripara- bili	To- tale			
				1945			
	1939	20305	9200	29505	39800	35300	
Carri chiusi	52546	1933	860	2793	3200	3000	
Carri refrigeranti	4000	26084	16124	44208	43000	30000	
Carri alte sponde	53491	3704	1070	5042	5600	5442	
Carri basse sponde	11780	(1)1066	580	1646	500	500	
Carri pianali da T.40 e più	388	815	307	1122	1030	1030	
Carri pianali fino a T.20	1530	502	215	717	710	710	
Carri bilici	1002	60	40	100	600	95	
Carri gru	129						
Carri V (specializz.per il serv. Int. dell'amm.ne)	846	496	280	776	600	600	
Serbatoi per olii comm.li	131	170	50	220	250	(2) 230	
Serbatoi per acidi	10	5	5	10	10	10	
Serbatoi per acqua	1008	706	200	906	900	810	
Serbatoi per carburanti	546	1746	1695	3443	2500	(3) 2267	
MATERIALE DA VIAGGIATORI							
Bagagli	3956	1007	1129	2136	3100	2350	
Postali	516	95	119	214	320	250	
Carrozze di ogni classe	7049	1354	2256	3612	5200	4320	
Carrozze - letti	112	31	11	42	80	80	
Carrozze - ristorante	60	0	0	14	50	50	
Automotrici a carburante	651	76	527	603	500	500	
VEICOLI A SCART. RIDOTTO							
Carrozze, bagagli, postali	231	69	54	(4)143		230	
Carri	743	361	51	(4)432		740	

(1) Sono compresi molti carri ex tedeschi

(2) Nel 1939 non c'erano gli ammassi dell'olio, ora bisogna tenerne conto.

(3) Questa quantità è in relazione alla consistenza dei carri serbatoi R.S. nel 1943, che era di 5516.

(4) Questi dati si riferiscono solo alle linee Sicule, mancano elementi per le altre linee.

Carri pianali fino a 1.20	1530	813	307	1102	1030	1030
Carri bilici	1002	502	215	717	710	710
Carri gru	129	60	40	100	600	90
Carri v (specializz. per il serv. Int. dell'amm.ne)	840	490	280	770	600	600
Serbatoi per olii comm.li	131	170	50	220	250	(2) 230
Serbatoi per acidi	10	5	5	10	10	10
Serbatoi per acqua	1000	700	200	900	900	610
Serbatoi per carburanti	546	1740	1695	3443	2500	(3) 2207
<u>MATERIALE DA VIAGGIATORI</u>						
Bagagli	3958	1007	1129	2130	3100	2350
Postali	516	95	119	214	320	250
Carrozze di ogni classe	7049	1354	2250	3012	5200	4320
Carrozze - letti	112	31	11	42	80	80
Carrozze - ristorante	80	0	0	14	50	50
Automotrici a carburante	651	70	527	603	500	500
<u>VEICOLI A SCARICA RIDOTTO</u>						
Carrozze, bagagli, postali	231	89	54	(4)143		230
Carri	743	301	51	(4)432		740

- (1) Sono compresi molti carri ex tedeschi
- (2) Nel 1939 non c'erano gli ammassi dell'olio, ora bisogna tenerne conto.
- (3) Questa quantità è in relazione alla consistenza dei carri serbatoi R.S. nel 1943, che era di 5518.
- (4) Questi dati si riferiscono solo alle linee Sicule, mancano elementi per le altre linee.
- (1) Many ex-German cars are included
- (2) There were no oil "Ammassi" in 1939, actually it is necessary to take the "Ammassi" into consideration.
- (3) This quantity is in relation to the consistency of R.S. tankers in 1943, which amounted to 5518.
- (4) These data refer only to Sicilian lines, we lack data for the other lines.

PRIVATE RAILWAYS IN CONCESSION

AO 303/1 Ta 4

Traffic Returns (passenger & freight) during November 1945

Railway	N. of pass. carried	trains-km operated		freight Tons
		pass.	wired	
Strade Ferr. Sardo	51.719	none	10.144	374
Compl. Sardo	61.881	12.159	10.400	14.267
Merid. Sardo	123.740	15.733	none	9.857
TOTAL SARDINIA	212.340	27.892	20.544	24.498
Ferr. Circumetnea	87.955	5.452	7.568	396
Ragusa-Siracusa-V.	37.411	none	4.762	187
TOTAL SICILY	125.366	5.452	12.330	583
Cuneana Rly	749.294	22.647	none	194
Circonvallazione	3.474.690	126.984	none	529
S. Spirito-Bitonto	59.678	3.444	none	1.509
Calabro-Lucania	682.641	72.127	43.601	10.900
Sud-Est Rly	800.000	15.300	102.753	none
Roma-Viterbo	53.562	7.335	none	none R.
Roma-Alatri	52.194	656	none	none R.
Roma-Adilia	15.216	none	3.696	none
Centrale Umbra	31.464	none	8.260	none
Garganica Rly	29.735	none	none	none
MA INLAND	5.948.474	248.493	165.632	13.132
N. Napoli	4.223.984	149.631	none	723
B/C - Bari & Grotto	1.572.054	75.571	155.314	12.409
R. - Rome	152.436	23.291	10.318	none
				275.600

16 February 1945

L. P. Richardson

Ferr. Circumetnee	87.955	5.452	7.588	396	11.410
Ragusa-Siracusa-V.	37.411	none	4.762	187	26.210
TOTAL SICILY	125.366	5.452	12.350	583	37.620
Cumana Rly	749.294	22.647	none	194	10.801 H.
Circumvoeviana	3.474.600	126.984	none	529	58.400 N.
S. Spirito-Bitonio	59.678	3.444	none	1.509	1.765 B.
Calabro-Iacone	682.641	72.127	43.601	10.900	630.855 B/C
Sud-Sat Rly	800.000		102.753		11.870.973 B.
Roma-Viterbo	53.562	15.300	6.522	none	2.600 R.
Roma-Alatri	52.194	7.335	none	none	none R.
Roma-Aquila	15.216	656	none	none	none R.
Centrale Umbra	31.464	none	3.656	none	273.000 R.
Caserta Rly	29.735	none	8.060	none	65.355 B.
MAINLAND	5.948.474	248.493	165.632	13.132	12.914.249
N. Napoli	4.223.984	149.631	none	723	69.201
B/C = Bari & Catanzaro	1.572.054	75.571	155.314	12.409	12.569.448
R. = Rome	152.436	23.281	10.318	none	275.600

16 February 1945

Copy to Major F.P. Richardson,
Planning Div.
In. SEC.

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PRIVATE RAILWAYS

PASSENGER TRAFFIC DURING OCTOBER 1944

Railway Company or Line	Compartment	Number of Trains--km	Number of passenger
Strade Ferrate Sarde	Cagliari	10294	498114
Ferrovie Complementari Sarde	"	20643	64116
Ferrovie Meridionali Sarde	"	16244	130080
TOTALS FOR SARDINIA		47181	692310
=====			
Ferrovie Circumetnee	Palermo	11300	94000
Siracusa-Ragusa-Vizzini	"	4220	4940
TOTALS FOR SICILY		15520	98940
=====			
Ferrovie Cuneesi	Napoli	24090	817210
Ferrovie Circumfresuviane	"	131469	3626058
S. Spirito-Silentio	Bari	3970	69360
Calabro-Iucano (Bari Div.)	"	54106	147268
Ferrovie del Sud-Est	"	116333	800000
Calabro-Iucano (Catanzaro Div.)	Catanzaro	60332	391530
Roma-Viterbo	Roma	16625	88676
Roma-Alatri (interurb. serv.)	"	7196	83482
Roma-Alatri (urbane serv.)	"	31146	923259
Roma-Accia	"	832	34551
Ferr. Centrale Umbra (19/10 to 31/10)	"	2184	19650
TOTALS FOR MAINLAND		448283	7000044
=====			
Partial Totals (Mainland)			
Napoli		155559	4443268
Bari		174409	1015028
Catanzaro		60332	391530
Roma		57983	1149619
		448283	7000044

Ferrovia Circumetnea	Palermo	11300	94000
Siracusa-Ragusa-Vizzini	"	4290	4940
<u>TOTALS FOR SICILY</u>			
		15590	98940
Ferrovia Genua	Napoli	24090	817210
Ferrovia Circumvesuviana	"	131469	3626058
S. Spirito-Bitonto	Bari	3970	68360
Calabro-Lucania (Bari Div.)	"	54106	147268
Ferrovia del Sud-Est	"	116333	800000
Calabro-Iacono (Catanzaro Div.)	Catanzaro	60332	391530
Roma-Viterbo	Roma	16625	88676
Roma-Alatri (interurb. serv.)	"	7196	83482
Roma-Alatri (urbano serv.)	"	31146	923259
Roma-Accia	"	632	34551
Ferr. Centrale Umbra (19/10 to 31/10)	"	2184	19650
<u>TOTALS FOR MAINLAND</u>			
		448283	7000044

Partial Totals (Mainland)

Napoli	155559	4443268
Bari	174409	1015628
Catanzaro	60332	391530
Roma	57983	1149618
	<u>448283</u>	<u>7000044</u>

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