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Trade Union Strategy And The Labour Process: Tucsa Trade Unions In The Transport And Building Industries, 1955-1977.

Crankshaw, Owen

2015-01-15
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TABLE 3.1

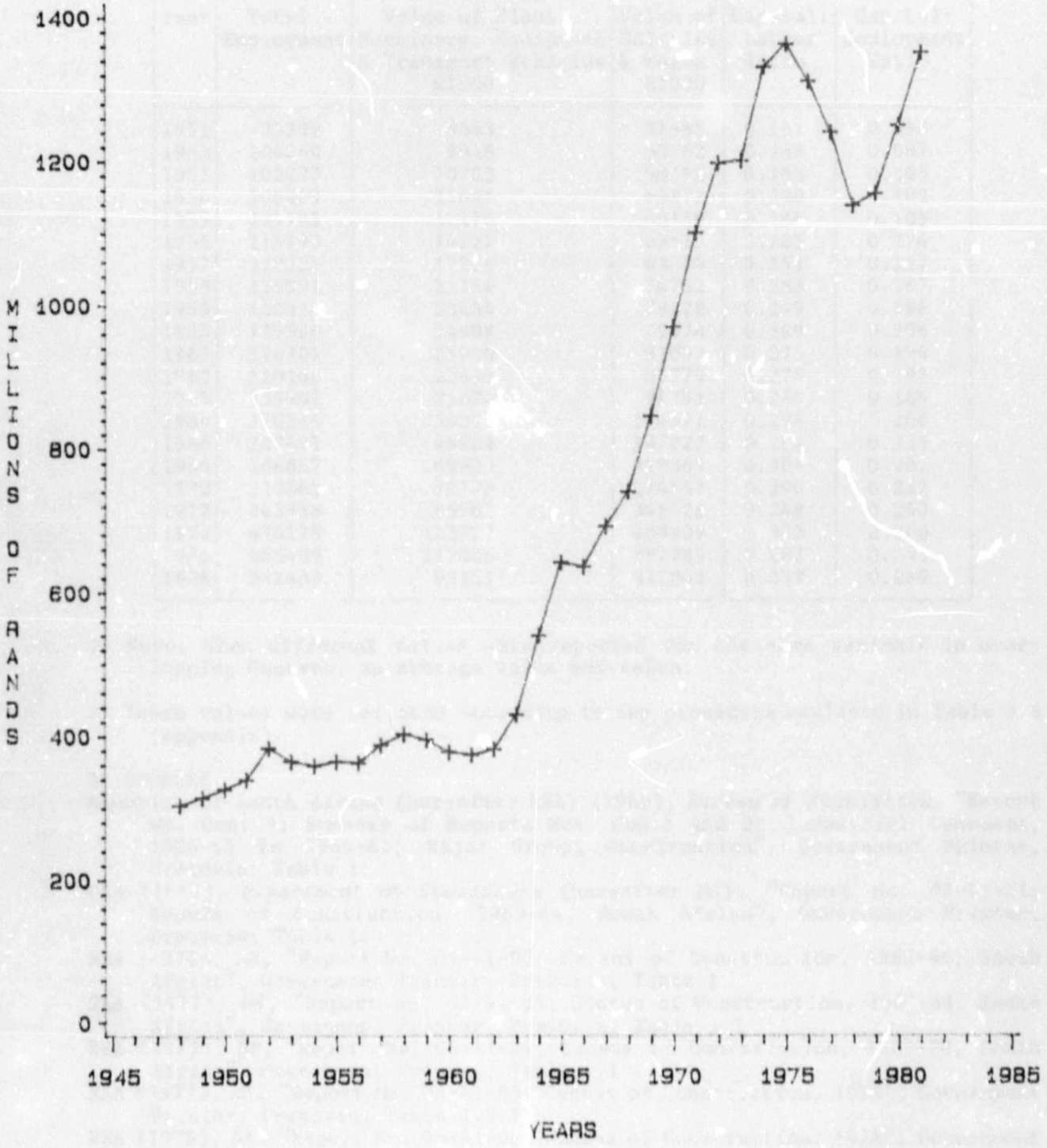
Gross Domestic Product for the Construction Industry, 1948-1981
(at factor incomes, 1975 prices)

Year	Rands (Millions)
1948	304
1949	315
1950	327
1951	340
1952	384
1953	365
1954	359
1955	365
1956	363
1957	388
1958	403
1959	395
1960	378
1961	374
1962	382
1963	430
1964	540
1965	642
1966	636
1967	692
1968	740
1969	845
1970	969
1971	1100
1972	1197
1973	1200
1974	1330
1975	1362
1976	1310
1977	1239
1978	1137
1979	1154
1980	1249
1981	1350

SOURCE:
Republic of South Africa (1982), *Central Statistical Services*, "South African Statistics, 1982", Government Printer, Pretoria; p.21:7

FIGURE 3.1

Gross Domestic Product for the Construction Industry, 1948-1981
(at factor incomes, 1975 prices)



SOURCES:
See Table 3.1 (Appendix)

TABLE 3.2

Capital and Labour Costs in the Building Industry, 1951-1978
(1960 Prices)

Year	Total Employment	Value of Plant, Machinery, Equipment & Transport Vehicles R1000	Value of Salaries & Wages R1000	Capital: Labour Ratio	Capital: Employment Ratio
1951	95290	9343	51685	0.181	0.098
1952	104260	9048	53762	0.168	0.087
1953	102277	10783	58792	0.183	0.105
1954	106809	11644	64872	0.180	0.109
1955	111785	12176	66180	0.184	0.109
1956	115193	14227	69515	0.205	0.124
1957	110225	17274	68724	0.251	0.157
1958	113391	21154	74762	0.283	0.187
1959	118824	23484	78628	0.299	0.198
1960	119326	24609	79574	0.309	0.206
1961	128701	25010	91097	0.275	0.194
1962	120160	23635	85774	0.276	0.197
1963	135905	25074	94791	0.265	0.185
1964	170215	34078	114371	0.298	0.200
1966	227691	48985	187227	0.262	0.215
1968	266867	69823	229365	0.304	0.262
1970	317342	79773	274857	0.290	0.251
1972	343958	85962	346426	0.248	0.250
1974	476178	123927	409909	0.302	0.260
1976	466409	112486	397785	0.283	0.241
1978	322403	93151	312043	0.299	0.289

1) Note: When different values were reported for the same variable in overlapping Censuses, an average value was taken.

2) These values were deflated according to the procedure outlined in Table 3.6 (Appendix).

3) SOURCES:

Republic of South Africa (hereafter RSA) (1966), *Bureau of Statistics*, "Report No. Con. 3; Summary of Reports Nos. Con.1 and 2; Industrial Censuses, 1950-51 to 1960-61; Major Group, Construction", Government Printer, Pretoria; Table 1.

RSA (1969), *Department of Statistics* (hereafter *DS*), "Report No. 05-41-01; Census of Construction, 1963-64, South Africa", Government Printer, Pretoria; Table 1.

RSA (1971), *DS*, "Report No. 05-41-02; Census of Construction, 1965-66, South Africa", Government Printer, Pretoria; Table 1.

RSA (1973), *DS*, "Report No. 05-41-03; Census of Construction, 1967-68, South Africa", Government Printer, Pretoria; Table 1.1

RSA (1973), *DS*, "Report No. 05-41-04; Census of Construction, 1969-70, South Africa", Government Printer; Table 1.1

RSA (1977), *DS*, "Report No. 05-41-05; Census of Construction, 1972", Government Printer, Pretoria; Table 1.3.1

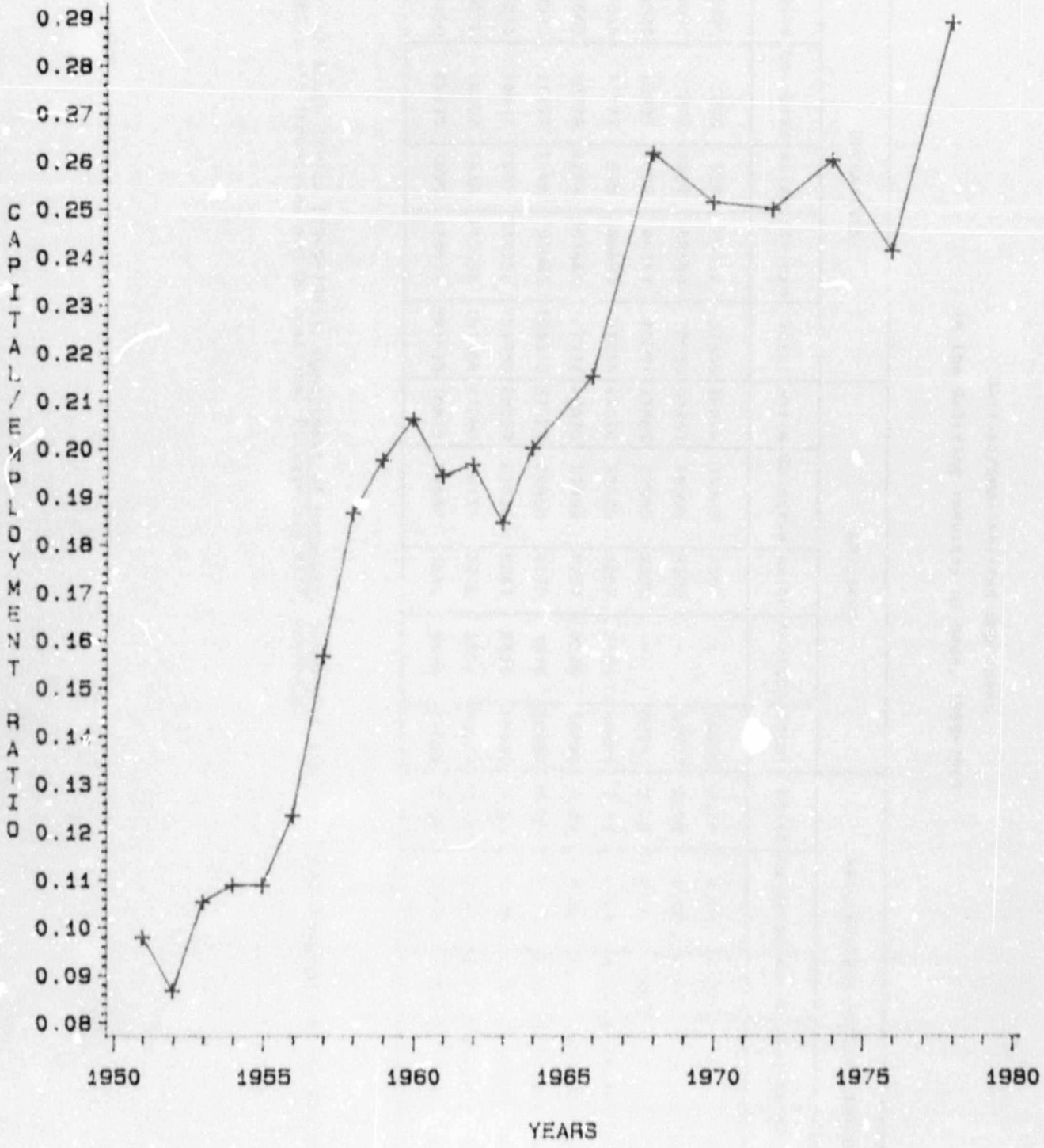
RSA (1979), *DS*, "Report No. 05-41-06; Census of Construction, 1974", Government Printer, Pretoria; Table 1.2

RSA (1980), *DS*, "Report No. 05-41-07; Census of Construction, 1976", Government Printer, Pretoria; Table 1.1

RSA (1984), *DS*, "Report No. 05-41-08; Census of Construction, 1978", Government Printer, Pretoria; Table 1.1

FIGURE 3.2

Mechanisation in the Building Industry, 1951-1978



SOURCE:
See Table 3.2 (Appendix)

TABLE 3.3

Skilled/Semi-skilled Employees

in the Building Industry by Race, 1969-1985

YEAR	OPERATIVES					ARTISANS					SKILLED/SEMI-SKILLED RATIO				
	White	Coloure	Asian	African	Total	White	Coloured	Asian	African	Total	White	Coloured	Asian	African	All Races
1969	15320	7298	559	29132	52309	34274	14803	1557	-	50634	2.24	2.03	2.79	-	0.968
1971	14050	7272	1089	48544	70955	40363	18094	2320	-	60777	2.88	2.49	2.13	-	0.857
1973	14939	10995	1052	44111	71097	37565	22559	2628	-	62752	2.52	2.05	2.50	-	0.883
1975	15535	12173	676	48898	77284	33676	25425	3207	2635	64943	2.17	2.09	4.73	0.05389	0.840
1977	12665	10736	2274	101660	127337	29675	21495	2751	2376	56297	2.34	2.00	1.21	0.02337	0.442
1979	10575	11197	1448	85080	108300	27221	24468	4175	1016	56880	2.57	2.19	2.88	0.01194	0.525
1981	13218	18687	1587	118358	151950	26890	25836	4287	8336	65349	2.03	1.38	2.70	0.07043	0.430
1983	10126	14002	1638	115698	141464	21280	28131	3916	3667	56994	2.10	2.01	2.39	0.03170	0.403
1985	6190	25735	1095	188514	221534	16818	24882	3835	5474	51009	2.72	0.97	3.50	0.02904	0.230

SOURCE:
Republic of South Africa (1969-1983), Department of Manpower, Summary of the Results of Manpower Survey Nos.8-15 (1969-1983), All Industries and Occupations, Private Bag X117, Pretoria.

TABLE 3.4

Racial Division of Labour in the Building Industry, 1951-1978
(Construction and Related Workers Only)

YEAR	EMPLOYMENT				
	White	Coloured	Indian	African	Total
1951	20080	9453	260	60840	90633
1952	21809	10436	240	66912	99397
1953	20809	10311	379	69606	101433
1956	25425	12147	767	74743	113082
1957	20333	11953	448	71558	104272
1958	20650	12681	542	73247	107120
1959	20578	13751	641	76996	111966
1960	20042	15940	627	75664	112273
1961	20691	17155	628	79926	118400
1964	26245	24913	1842	110364	163364
1966	30350	30202	2630	139546	202728
1968	28266	23135	2014	132541	185956
1970	29318	27857	2884	159367	219426
1972	32101	32716	3922	192674	261413
1974	48949	63978	8503	329993	451423
1976	42908	64141	6464	325594	439107
1978	28711	46377	4472	213797	293357

SOURCES:

Republic of South Africa (1966), *Bureau of Statistics*, "Report No. Con. 3; Summary of Reports Nos. Con.1 and 2; Industrial Censuses, 1950-51 to 1960-61; Major Group, Construction", Government Printer, Pretoria; Table 6d

Republic of South Africa (1969), *Department of Statistics*, "Report No. 05-41-01; Census of Construction, 1963-64, South Africa", Government Printer, Pretoria; Table 3

Republic of South Africa (1971), *Department of Statistics*, "Report No. 05-41-02; Census of Construction, 1965-66, South Africa", Government Printer, Pretoria; Table 5.2

Republic of South Africa (1973), *Department of Statistics*, "Report No. 05-41-03; Census of Construction, 1967-68, South Africa", Government Printer, Pretoria; Table 2.2

Republic of South Africa (1973), *Department of Statistics*, "Report No. 05-41-04; Census of Construction, 1969-70, South Africa", Government Printer; Table 2.2

Republic of South Africa (1977), *Department of Statistics*, "Report No. 05-41-05; Census of Construction, 1972", Government Printer, Pretoria; Table 4.2

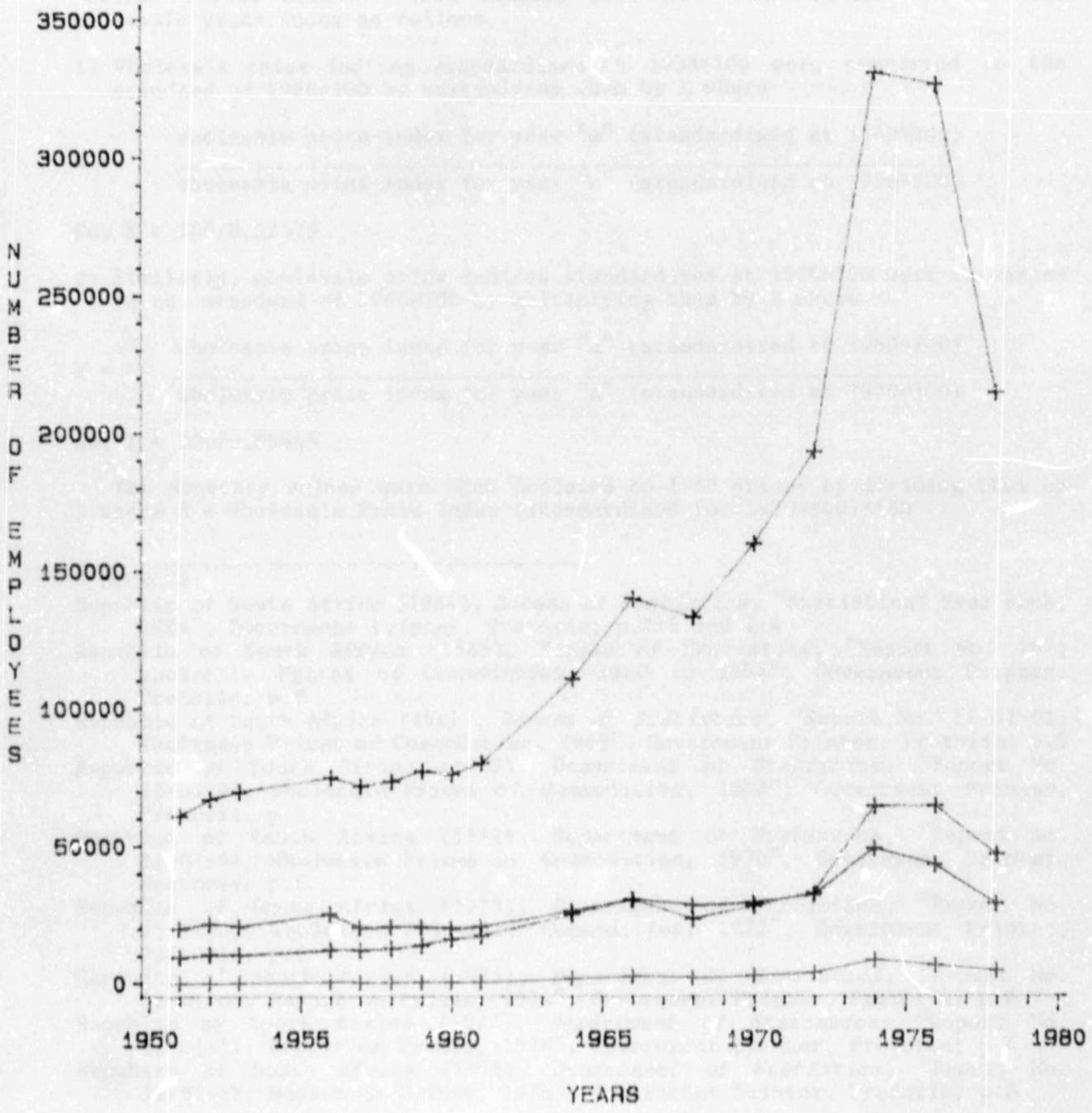
Republic of South Africa (1979), *Department of Statistics*, "Report No. 05-41-06; Census of Construction, 1974", Government Printer, Pretoria; Table 7.2

Republic of South Africa (1980), *Department of Statistics*, "Report No. 05-41-07; Census of Construction, 1976", Government Printer, Pretoria; Table 8.2

Republic of South Africa (1984), *Department of Statistics*, "Report No. 05-41-08; Census of Construction, 1978", Government Printer, Pretoria; Table 8.2

FIGURE 3.4

Racial Divison of Labour in the Building Industry, 1951-1978
(Construction, Maintenance and Related Workers Only)



KEY:
Africans whites coloureds Indians

SOURCE:
See Table 3.4 (Appendix)

TABLE 3.6

Wholesale Price Deflation Method

All monetary values were deflated to the standard of 1960 prices according to the following procedure. The Wholesale Price Indices were obtained from the sources listed below.* These indices were then standardised to the 1960 wholesale price index as follows.

1) Wholesale price indices standardised at 1938=100 were converted to the standard of 1960=100 by multiplying them by X where

$$X = \frac{\text{wholesale price index for year "a" (standardised at 1960=100)}}{\text{wholesale price index for year "a" (standardised at 1938=100)}}$$

So, X = 100/0,32373

2) Similarly, wholesale price indices standardised at 1970=100 were converted to the standard of 1960=100 by multiplying them by X where

$$X = \frac{\text{wholesale price index for year "a" (standardised at 1960=100)}}{\text{wholesale price index for year "a" (standardised at 1970=100)}}$$

So, X = 100/0,95446

The monetary values were then deflated to 1960 prices by dividing them by X where X = Wholesale Price Index (standardised for 1960=100)/100

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* SOURCES:

Republic of South Africa (1964), *Bureau of Statistics*, "Statistical Year Book, 1964", Government Printer, Pretoria; p.I:5 and I:4

Republic of South Africa (1965), *Bureau of Statistics*, "Report No. 287; Wholesale Prices of Commodities, 1960 to 1964", Government Printer, Pretoria; p.9

Republic of South Africa (1967), *Bureau of Statistics*, "Report No. 11-01-01; Wholesale Prices of Commodities, 1966", Government Printer, Pretoria; p.5

Republic of South Africa (1969), *Department of Statistics*, "Report No. 11-01-03; Wholesale Prices of Commodities, 1968", Government Printer, Pretoria; p.5

Republic of South Africa (1971), *Department of Statistics*, "Report No. 11-01-05; Wholesale Prices of Commodities, 1970", Government Printer, Pretoria; p.6

Republic of South Africa (1973), *Department of Statistics*, "Report No. 11-01-07; Wholesale Prices of Commodities, 1972", Government Printer, Pretoria; p.6

Republic of South Africa (1975), *Department of Statistics*, "Report No. 11-01-09; Report on Prices, 1974", Government Printer, Pretoria; p.6

Republic of South Africa (1977), *Department of Statistics*, "Report No. 11-01-11; Report on Prices, 1976", Government Printer, Pretoria; p.6

Republic of South Africa (1979), *Department of Statistics*, "Report No. 11-01-13; Report on Prices, 1978", Government Printer, Pretoria; p.6

TABLE 4:1

Bus, Tram and Trolley-bus Drivers by Race and Gender, 1969-1985

YEAR	WHITE		COLOURED		ASIAN		AFRICAN	
	Male	Female	Male	Female	Male	Female	Male	Female
1969	2781	8	1156	0	307	0	3746	0
1971	2104	23	1709	0	486	0	4736	0
1973	1926	29	1057	0	345	0	7984	0
1975	2113	90	1491	0	673	0	6361	0
1977	3461	167	2475	0	528	0	8109	0
1979	2391	133	1232	8	549	0	10297	2
1981	1925	213	2803	0	701	0	14383	2
1983	1646	179	2015	6	316	0	11095	17
1985	1809	351	2551	64	385	0	12919	9

SOURCE:
Republic of South Africa (1969-1983), *Department of Manpower*, "Summary of the Results of Manpower Survey Nos.8-15 (1969-1983), All Industries and Occupations", Private Bag X117, Pretoria.

TABLE 4:2

Inspectors, Conductors and Ticket-Examiners by Race and Gender, 1969-1981

(Buses, Trams and Trolleybuses Only)*

YEAR	WHITE		COLOURED		ASIAN		AFRICAN	
	Male	Female	Male	Female	Male	Female	Male	Female
1969	1304	89	701	0	249	0	1382	0
1971	687	5	1029	11	313	0	1247	0
1973	807	29	136	0	163	0	1728	6
1975	439	14	532	0	272	0	1376	0
1977	415	8	375	0	15	0	1341	0
1979	374	7	654	0	99	0	3627	0
1981	350	0	528	0	42	0	1392	0

SOURCE:
Republic of South Africa (1969-1983), *Department of Manpower*, "Summary of the Results of Manpower Survey Nos.8-13 (1969-1981), All Industries and Occupations", Private Bag X117, Pretoria.

* Note: After Manpower Survey No.13, "Inspectors, Conductors and Ticket-Examiners" employed on buses, trams and trolleybuses are not disaggregated from those employed on trains.

TABLE 4.3

Capital and Labour Statistics for the Transport Department of the Johannesburg City Council, 1952-1976

YEAR -END	ROLLING STOCK (Vehicles)		EMPLOYMENT (Drivers and Conductors)					CAPITAL INTENSITY
30 June	White Service	Total Service	Required	Short-age	Daily Average	Number Leaving Service	Annual Turnover %	Vehicles per Crew
1952	-	489	1251	-	-	-	-	0.39
1953	-	463	1246	110	1136	448	39	0.37
1954	-	466	-	-	1139	462	40	-
1955	-	447	-	-	1115	484	43	-
1956	-	468	1200	122	1078	417	38	0.39
1957	381	406	1279	152	1127	401	35	0.32
1958	370	405	1264	135	1129	442	39	0.32
1959	361	404	1235	104	1131	441	39	0.33
1960	362	410	1221	135	1086	432	40	0.34
1961	-	-	1152	126	1026	353	34	-
1962	351	384	1086	95	991	388	39	0.35
1963	336	365	1007	-	-	393	39	0.36
1964	-	-	-	-	-	-	-	-
1965	-	-	919	139	780	427	55	-
1966	-	-	899	-	-	-	-	-
1967	-	-	902	95	807	500	62	-
1968	-	-	902	-	-	-	-	-
1969	-	-	848	-	-	-	-	-
1970	-	-	848	-	-	772	91	-
1971	-	-	848	239	609	536	88	-
1972	-	-	787	36	751	436	58	-
1973	-	429	695	6	689	-	-	0.62
1974	354	436	637	57	580	261	45	0.69
1975	356	448	617	52	565	220	39	0.73
1976	357	450	594	-	-	-	-	0.76

SOURCE:
City of Johannesburg, *Annual Reports of the General Manager of Transport, 1952-1976*, Transport Department.

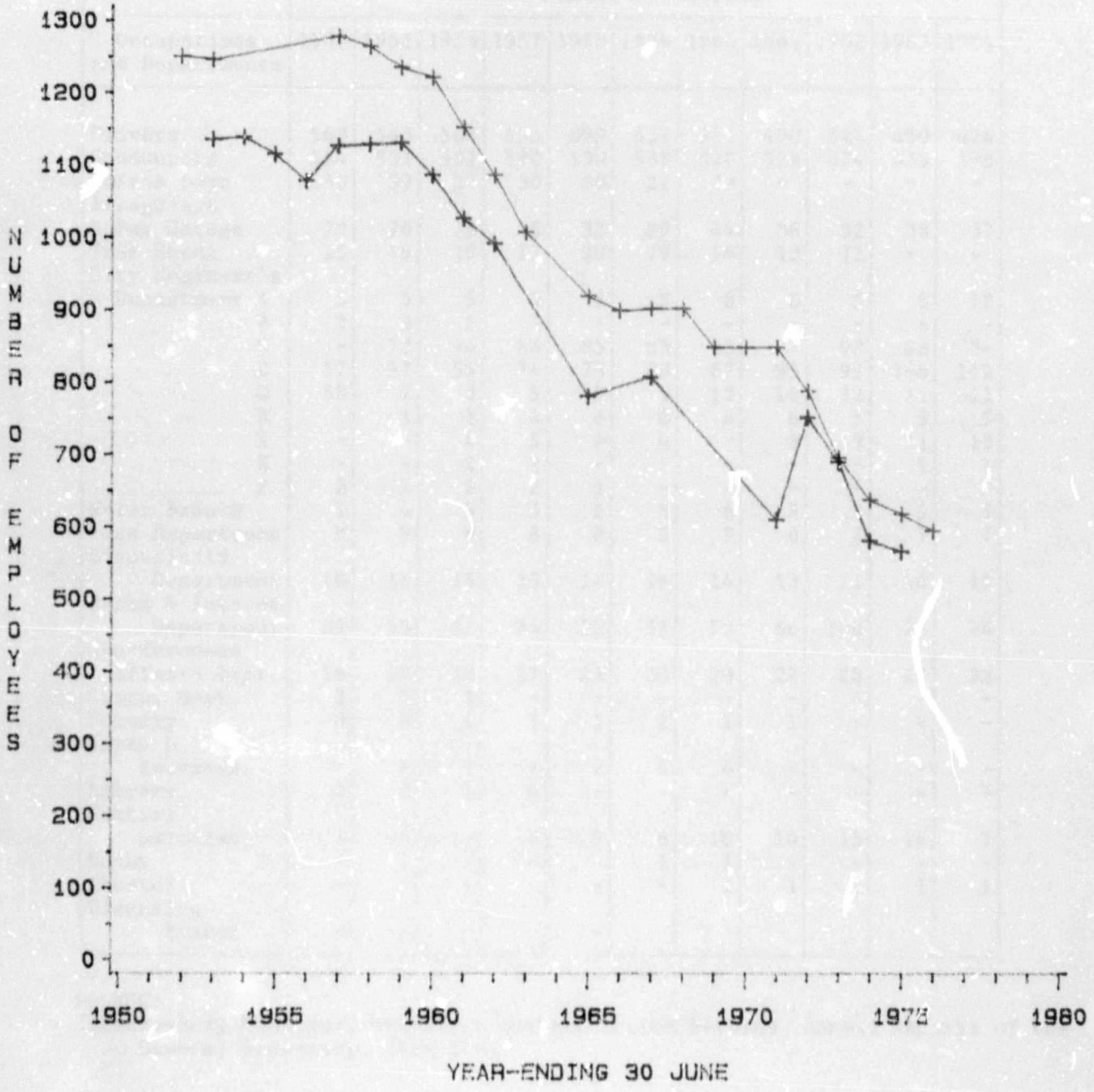
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1954	-	466	-	-	1139	462	40	-
1955	-	447	-	-	1115	484	43	-
1956	-	468	1200	122	1078	417	38	0.39
1957	381	406	1279	152	1127	401	35	0.32
1958	370	405	1264	135	1129	442	39	0.32
1959	361	404	1235	104	1131	441	39	0.33
1960	362	410	1221	135	1086	432	40	0.34
1961	-	-	1152	126	1026	353	34	-
1962	351	384	1086	95	991	388	39	0.35
1963	336	365	1007	-	-	393	39	0.36
1964	-	-	-	-	-	-	-	-
1965	-	-	919	139	780	427	55	-
1966	-	-	899	-	-	-	-	-
1967	-	-	902	95	807	500	[illegible]	-
1968	-	-	902	-	-	-	-	-
1969	-	-	848	-	-	-	-	-
1970	-	-	848	-	-	772	91	-
1971	-	-	848	239	609	536	88	-
1972	-	-	787	36	751	436	58	-
1973	-	429	695	6	689	-	-	0.62
1974	354	436	637	57	580	261	45	0.69
1975	356	448	617	52	565	220	39	0.73
1976	357	450	594	-	-	-	-	0.76

SOURCE:
City of Johannesburg, *Annual Reports of the General Manager of Transport, 1952-1976*, Transport Department.

FIGURE 4.3.2
Employment in the Transport Department,
Johannesburg City Council, 1952-1976



KEY:
Required Employment Average Daily Employment

SOURCE:
See Table 4.3 (Appendix)

TABLE 4.5

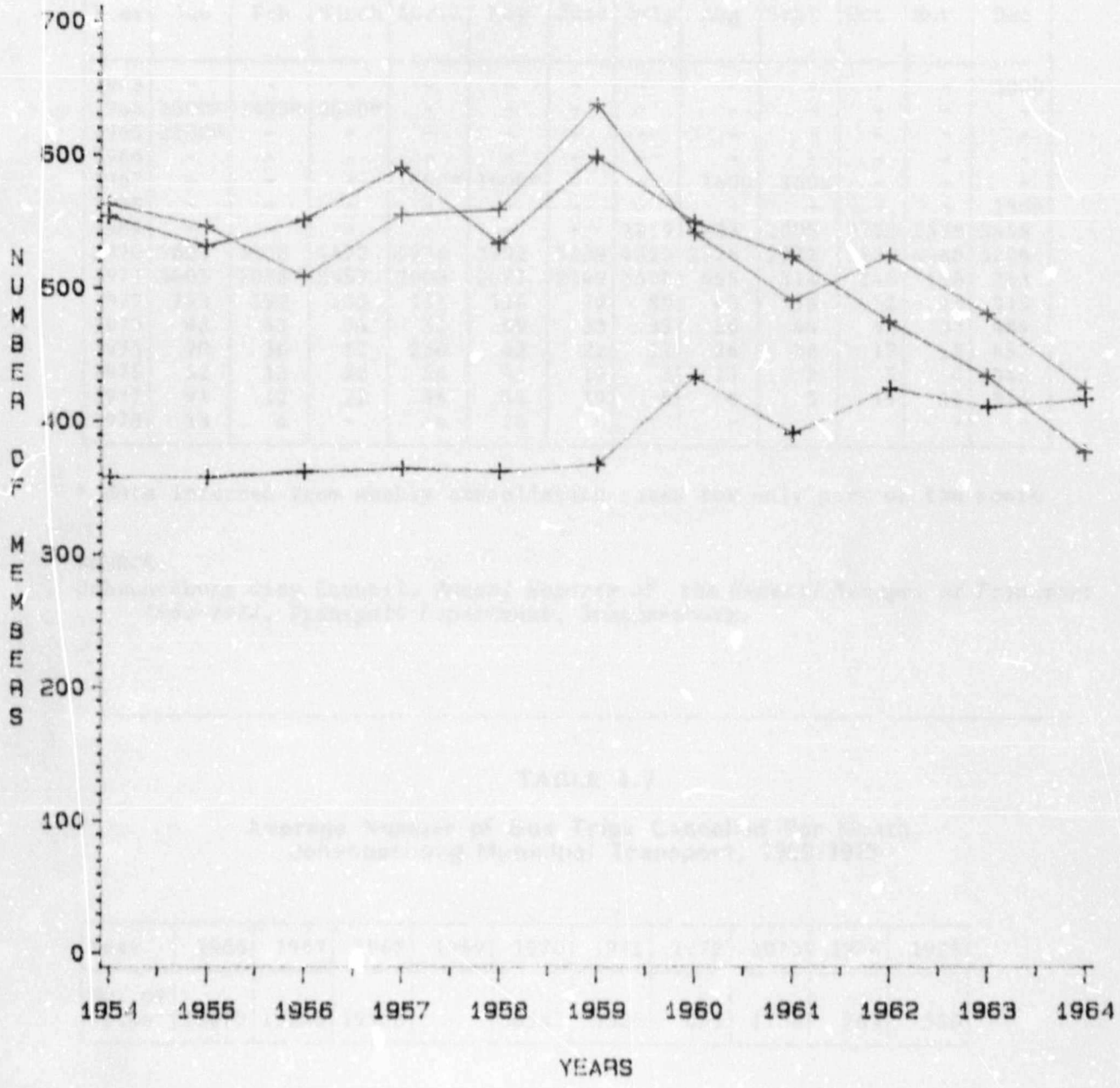
Departmental Distribution and Occupational Composition of the Members of the Johannesburg Municipal Transport Workers' Union, 1954-1964

Occupations and Departments	Number of Members										
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Drivers	563	546	508	555	559	637	541	490	524	480	424
Conductors	554	531	551	590	533	598	549	523	474	433	376
Points Boys	50	39	27	30	30	22	29	-	-	-	-
Irregulars & Bus Garage	72	76	78	45	33	29	44	36	32	38	37
Tram Sheds	25	19	19	17	23	19	16	13	11	-	-
City Engineer's Department A	5	5	5	4	6	5	8	6	5	6	12
B	2	3	2	4	-	-	-	-	-	-	-
C	-	72	76	86	83	83	83	87	92	88	84
D	57	57	59	74	75	80	87	93	92	106	112
G	58	2	3	5	5	5	13	11	12	11	11
H	1	1	1	4	6	6	6	6	5	5	5
K	-	-	4	5	4	4	-	6	9	11	13
X	-	-	2	2	-	-	-	-	-	1	1
Z	2	2	2	2	1	-	-	-	-	-	-
Water Branch	5	4	5	5	5	5	6	5	5	5	5
Gas Department	8	9	8	8	8	9	9	8	7	7	7
Electricity Department	16	16	15	15	14	16	14	13	11	14	15
Parks & Estates Department	39	33	35	34	35	51	72	66	100	73	74
Non-European Affairs Dept.	16	17	18	17	22	20	29	27	28	27	32
Stores Dept.	2	3	1	-	-	-	-	-	-	-	-
Foundry	0	0	1	1	1	2	1	1	-	-	-
Works & Services	-	-	-	-	2	4	4	-	-	-	-
Library	0	0	0	0	-	-	-	-	-	-	-
Central Salaries	-	-	-	6	9	6	10	10	13	16	7
Selby	-	-	-	-	-	1	1	-	-	-	-
Abbatoir	-	-	-	-	-	-	1	1	1	1	1
Cleansing Branch	-	-	-	-	-						

SOURCE:
Johannesburg Municipal Transport Workers' Union Records, Annual Reports of the General Secretary, 1954-1964.

FIGURE 4.5

Changes in the Occupational Composition of the Members of the Johannesburg Municipal Transport Workers' Union, 1954-1964



KEY:
Drivers Conductors Other

SOURCE:
See Table 4.5 (Appendix)

TABLE 4.6

Bus Trips Cancelled Per Month in the Johannesburg White Service, 1969-1977

Year	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1963	-	-	-	-	-	-	-	-	-	-	-	3000
1964	3000*	1400*	3000*	-	-	-	-	-	-	-	-	-
1965	2200*	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	1600*	1600*	-	-	1600	1600	-	-	-
1968	-	-	-	-	-	-	-	-	-	-	-	1309
1969	-	-	-	-	-	-	1819	1838	2008	3725	2578	3458
1970	3801	3338	4472	5236	3992	5129	4320	2526	2922	3923	4088	3226
1971	3405	2088	2957	2906	2077	2149	1598	665	514	346	156	263
1972	253	192	235	151	116	79	88	43	58	52	13	313
1973	68	41	54	51	69	33	35	26	44	43	33	484
1975	90	36	52	230	43	22	11	26	38	17	12	457
1976	52	12	22	56	41	19	3	15	2	5	4	348
1977	91	12	22	56	41	19	6	4	5	16	11	326
1978	13	4	-	14	14	6	-	-	-		-	-

* data inferred from weekly cancellation rates for only part of the month

SOURCE:
Johannesburg City Council, *Annual Reports of the General Manager of Transport 1963-1978*, Transport Department, Johannesburg.

TABLE 4.7

Average Number of Bus Trips Cancelled Per Month, Johannesburg Municipal Transport, 1969-1975

Year	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
No. of Trips	11672	19248	19508	-	36587	5324	883	1138	763	558

SOURCE:
City of Johannesburg, *Annual Reports of the General Manager of Transport, 1966-1975*, Transport Department, Johannesburg.

TABLE 4.6

Bus Trips Cancelled Per Month in the Johannesburg White Service, 1969-1977

Year	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1963	-	-	-	-	-	-	-	-	-	-	-	3000
1964	3000*	1400*	3000*	-	-	-	-	-	-	-	-	-
1965	2200*	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	1600*	1600*	-	-	1600	1600	-	-	-
1968	-	-	-	-	-	-	-	-	-	-	-	1309
1969	-	-	-	-	-	-	1819	1838	2008	3725	2578	3458
1970	3801	3338	4472	5236	3992	5129	4320	2526	2922	3923	4088	3226
1971	3405	2088	2957	2906	2077	2149	1598	665	514	346	156	263
1972	253	192	235	151	116	79	88	43	58	52	13	313
1973	68	41	54	51	69	33	35	26	44	43	33	484
1975	90	36	52	230	43	22	11	26	38	17	12	457
1976	52	12	22	56	41	19	3	15	2	5	4	348
1977	91	12	22	56	41	19	6	4	5	16	11	326
1978	13	4	-	14	14	6	-	-	-		-	-

* data inferred from weekly cancellation rates for only part of the month

SOURCE:
Johannesburg City Council, *Annual Reports of the General Manager of Transport 1963-1978*, Transport Department, Johannesburg.

TABLE 4.7

Average Number of Bus Trips Cancelled Per Month, Johannesburg Municipal Transport, 1969-1975

Year	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
No. of Trips	11672	19248	19508	-	36587	5324	883	1138	763	558

SOURCE:
City of Johannesburg, *Annual Reports of the General Manager of Transport, 1966-1975*, Transport Department, Johannesburg.

TABLE 4.6

Bus Trips Cancelled Per Month in the Johannesburg White Service, 1969-1977

Year	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1963	-	-	-	-	-	-	-	-	-	-	-	3000
1964	3000*	1400*	3000*	-	-	-	-	-	-	-	-	-
1965	2200*	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	1600*	1600*	-	-	1600	1600	-	-	-
1968	-	-	-	-	-	-	-	-	-	-	-	1309
1969	-	-	-	-	-	-	1819	1838	2008	3725	2578	3458
1970	3801	3338	4472	5236	3992	5129	4320	2526	2922	3923	4088	3226
1971	3405	2088	2957	2906	2077	2149	1598	665	514	346	156	263
1972	253	192	235	151	116	79	88	43	58	52	13	313
1973	68	41	54	51	69	33	35	26	44	43	33	484
1975	90	36	52	230	43	22	11	26	38	17	12	457
1976	52	12	22	56	41	19	3	15	2	5	4	348
1977	91	12	22	56	41	19	6	4	5	16	11	326
1978	13	4	-	14	14	6	-	-	-		-	-

* data inferred from weekly cancellation rates for only part of the month

SOURCE:
Johannesburg City Council, *Annual Reports of the General Manager of Transport 1963-1978*, Transport Department, Johannesburg.

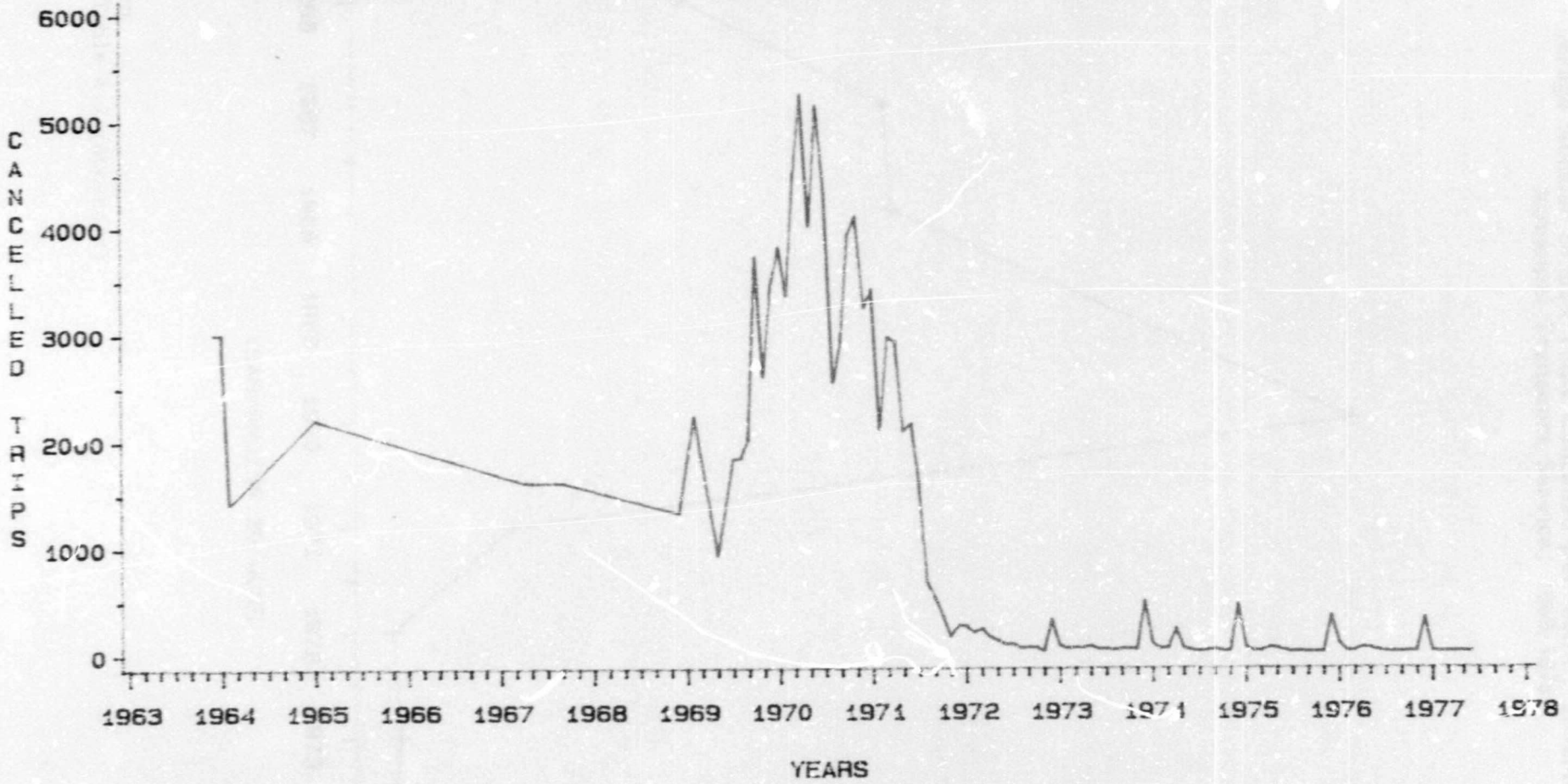
TABLE 4.7

Average Number of Bus Trips Cancelled Per Month, Johannesburg Municipal Transport, 1969-1975

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No. of Trips	11672	19248	19508	-	36587	5324	883	1138	763	558

SOURCE:
City of Johannesburg, *Annual Reports of the General Manager of Transport, 1966-1975*, Transport Department, Johannesburg.

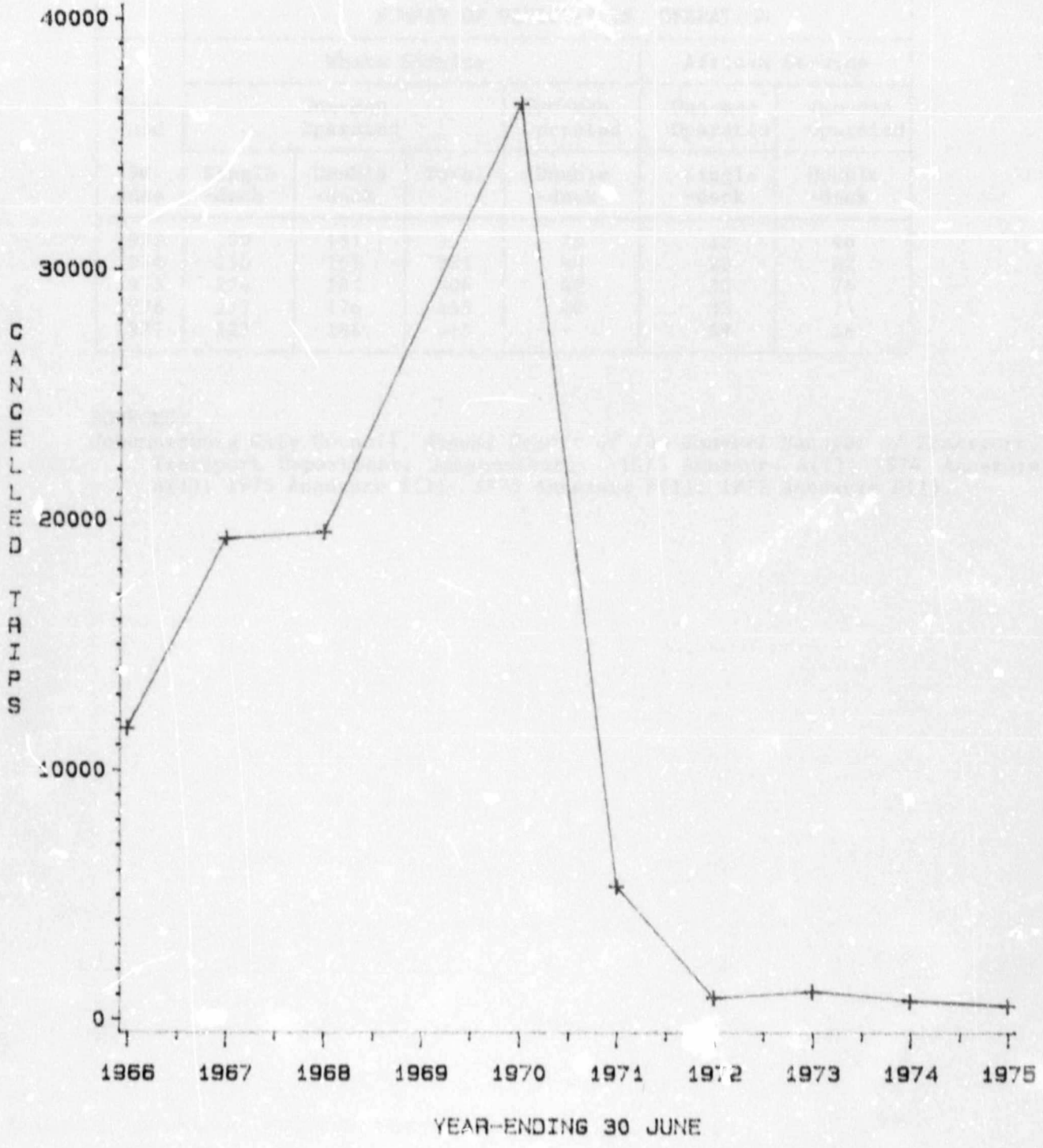
FIGURE 4.3
Bus Trips Cancelled Per Month,
Johannesburg White Service, 1969-1977



SOURCE:
See Table 4.6 (Appendix)

FIGURE 4.7

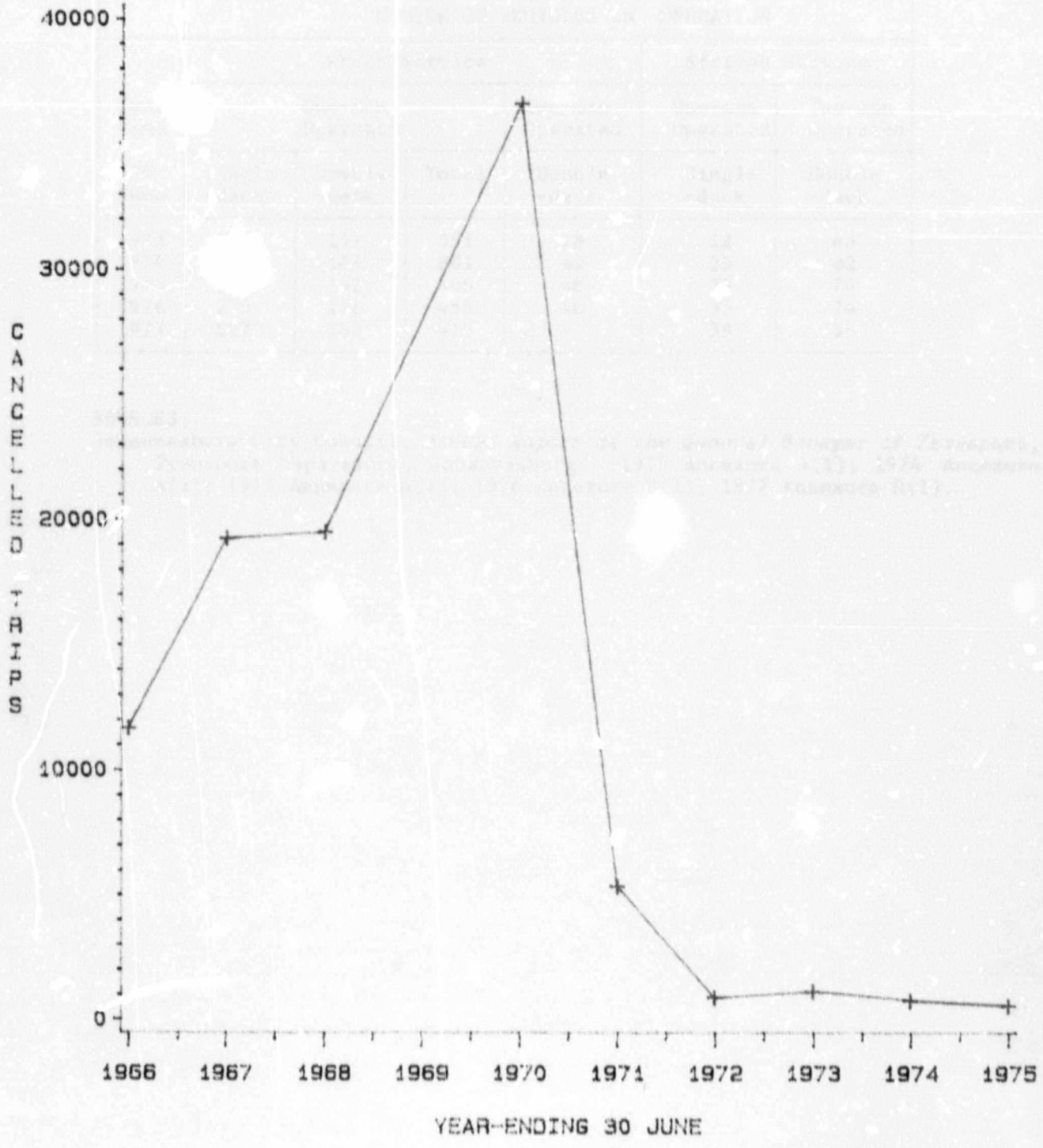
Average Number of Bus Trips Cancelled per Month, Johannesburg Municipal Transport Service, 1969-1975



SOURCE:
See Table 4.7 (Appendix)

FIGURE 4.7

Average Number of Bus Trips Cancelled per Month, Johannesburg Municipal Transport Service, 1969-1975



SOURCE:
See Table 4.7 (Appendix)

TABLE 4.8

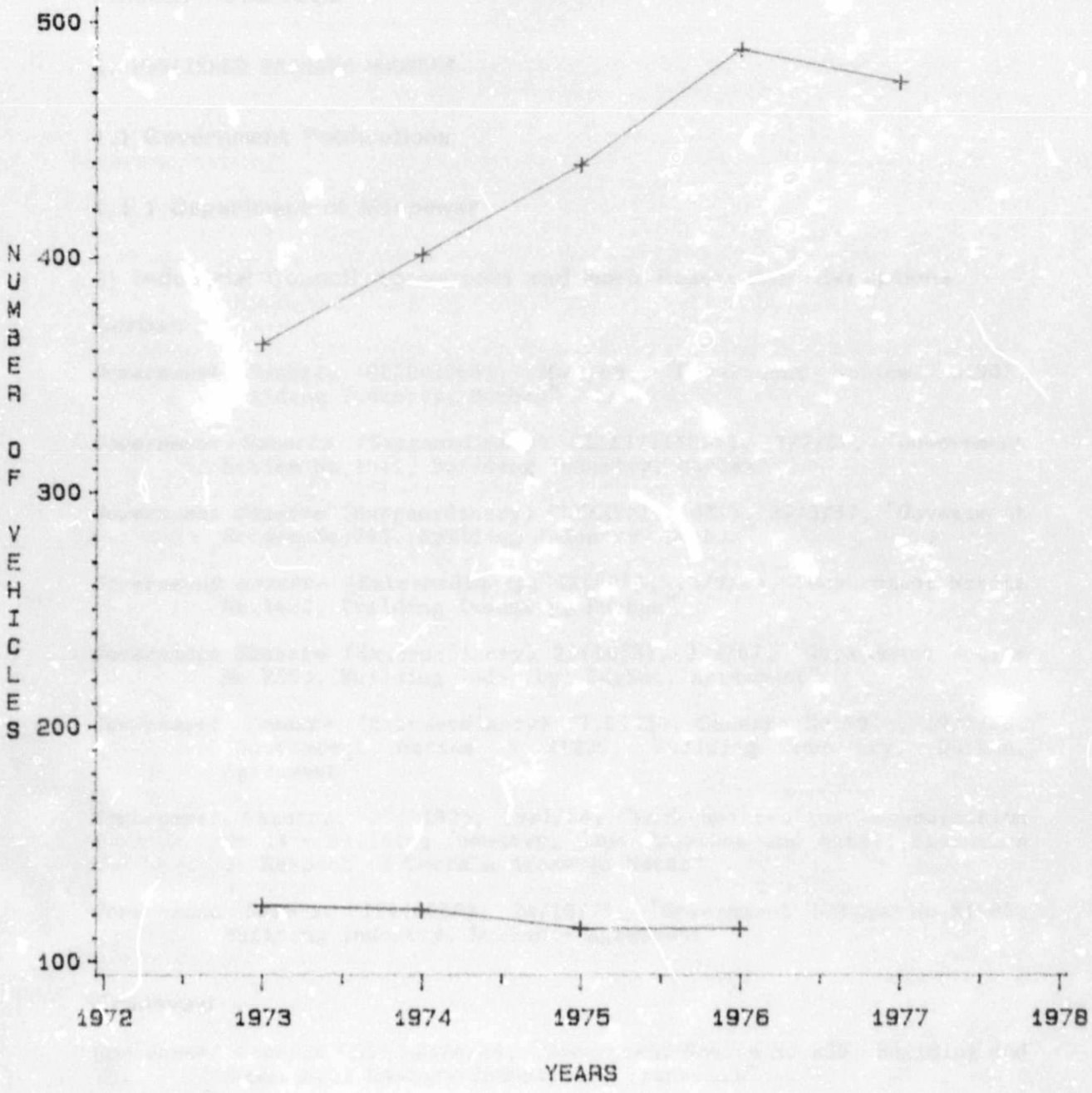
Capital Intensity in the Transport Department, Johannesburg City Council, 1973-1977

Year-end 30 June	NUMBER OF VEHICLES IN OPERATION					
	White Service				African Service	
	One-man Operated			Two-man Operated	One-man Operated	Two-man Operated
	Single-deck	Double-deck	Total	Double-deck	Single-deck	Double-deck
1973	200	151	351	78	12	46
1974	216	165	381	40	20	82
1975	224	182	406	40	33	74
1976	279	176	455	40	33	74
1977	227	188	415	-	59	56

SOURCES:
Johannesburg City Council, *Annual Report of the General Manager of Transport*, Transport Department, Johannesburg: 1973 Annexure A(1); 1974 Annexure A(1); 1975 Annexure A(1); 1976 Annexure B(1); 1977 Annexure D(1).

FIGURE 4.8

Capital Intensity in the Transport Department, Johannesburg City Council, 1973-1977



KEY:
One-man Operation Two-man operation

SOURCE:
See Table 4.8 (Appendix)

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Author Crankshaw Owen
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