

ANALYSIS OF PLANO'S FUTURE
PUBLIC SAFETY NEEDS

A CROSS CITY COMPARISON

PREPARED BY

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I would like to express my appreciation to the various Departments in Arlington, Garland, Lubbock, Plano and Waco that I contacted in gathering information for this report. Their cooperation and assistance was invaluable. I would also like to thank Lori Holter for the time she spent typing this report and for her patience in dealing with my many "editorial" changes.

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INTRODUCTION

In the decade of the 1970's, Plano experienced a tremendous growth in population. A growth that changed significantly the physical, economic, and demographic characteristics of the community. In order to accommodate this new makeup, the type and level of municipal services were modified and restructured. During the 1980's, Plano will reach and surpass the 100,000 population plateau. This new level of population and a continued high growth rate have important implications for Plano's municipal operations.

This report draws attention to Plano's future public safety needs through a comparison of cities that have grown beyond the 100,000 population level. Section I begins with an overview of the general makeup and characteristics of the different cities. The second section provides information on the overall level of municipal operations. The final section provides a comparison of the level of public safety services.

In addition to Plano, four cities were selected for this report (Arlington, Garland, Lubbock, and Waco). These particular cities were chosen in order to effectively contrast different levels of growth and, subsequently, services provided. Arlington and Garland represent cities that experienced high levels of growth in the 1970's and are expecting a strong growth rate in the 1980's. Lubbock and Waco, on the other hand, represent cities that have had a much lower level of growth (as compared to the state average) and are not expecting significant increases during this decade.

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GENERAL CHARACTERISTICS

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TABLE 1.1
POPULATION CHANGE AND COMPARISON

<u>CITY</u>	<u>1970</u>	<u>1980</u>	<u>1983</u>	<u>PERCENT CHANGE</u>	
				<u>1970-80</u>	<u>1980-83</u>
ARLINGTON	90,643	160,113	189,250	77%	18%
GARLAND	81,437	138,857	152,050	71%	10%
LUBBOCK	149,101	173,979	181,500	17%	4%
PLANO	17,872	72,331	88,250	305%	22%
WACO	95,326	101,261	103,385	6%	2%
STATE OF TEXAS	11,196,730	14,229,191	15,567,400	27%	9%

TABLE 1.2

RACIAL CHARACTERISTICS
(RACE AS PERCENT OF TOTAL POPULATION)

<u>CITY</u>	<u>WHITE</u>	<u>HISPANIC</u>	<u>BLACK</u>	<u>ASIAN</u>	<u>AM INDIAN</u>	<u>OTHER</u>
ARLINGTON	90.5%	4.1%	2.9%	1.5%	.4%	.7%
GARLAND	86.5%	6.3%	5.3%	1.3%	.4%	.2%
LUBBOCK	71.6%	18.8%	8.1%	.9%	.2%	.3%
PLANO	91.6%	3.5%	3.3%	1.2%	.3%	.3%
WACO	66.6%	11.1%	21.6%	.4%	.2%	.2%
STATE OF TEXAS	65.7%	21.0%	11.9%	.8%	.3%	.3%

TABLE 1.3

HOUSEHOLD CHARACTERISTICS

<u>CITY</u>	<u># OF HOUSEHOLDS</u>	<u>% 2 PARENT HOUSEHOLD</u>	<u>% 1 PARENT HOUSEHOLD</u>	<u>% SINGLE PERSON HOUSEHOLD</u>	<u>% NON-FAMILY HOUSEHOLD</u>
ARLINGTON	58,646	63%	10%	20%	7%
GARLAND	45,978	72%	12%	13%	3%
LUBBOCK	60,783	60%	11%	29%*	-
PLANO	22,221	79%	8%	10%	2%
WACO	37,578	51%	15%	27%	7%

* Includes Non-Family Households

TABLE 1.4

MEDIAN FAMILY INCOME BY RACE

(In Dollars)

<u>CITY</u>	<u>WHITE</u>	<u>BLACK</u>	<u>HISPANIC</u>	<u>ASIAN</u>	<u>AM. INDIAN</u>
ARLINGTON	24,816	19,051	20,362	13,885	23,750
GARLAND	24,718	18,820	19,252	21,600	21,812
LUBBOCK	20,633	12,757	13,061	15,929	16,563
PLANO	30,616	21,490	20,938	28,750	NA
WACO	17,381	9,710	12,115	NA	NA
STATE OF TEXAS	20,956	13,042	13,293	21,005	17,302

NA - Not available, lack of data.

TABLE 1.5

EDUCATION CHARACTERISTICS
(Persons 25 Years and Older)

<u>CITY</u>	<u>% HIGH SCHOOL GRADUATE</u>	<u>% 1-3 YEARS COLLEGE</u>	<u>% 4 OR MORE YEARS COLLEGE</u>	<u>% COLLEGE EXPERIENCE</u>
ARLINGTON	83.3%	25.8%	27.3%	53.1%
GARLAND	77.5%	22.3%	20.3%	42.6%
LUBBOCK	69.3%	19.4%	22.4%	41.8%
PLANO	89.6%	25.3%	37.1%	62.4%
WACO	58.5%	15.8%	16.0%	31.8%
STATE OF TEXAS	62.6%	17.0%	16.9%	33.9%

TABLE 1.6
ECONOMIC CHARACTERISTICS

<u>CITY</u>	<u>UNEMPLOYMENT RATE</u>	<u>MED. HOUSEHOLD INCOME</u>	<u>PER CAPITA INCOME</u>	<u>POVERTY *</u> <u>RATE</u>
ARLINGTON	2.7%	\$21,136	\$8,823	3.8%
GARLAND	2.2%	22,675	8,108	3.9%
LUBBOCK	3.1%	15,735	7,115	9.7%
PLANO	2.1%	28,835	9,178	3.0%
WACO	4.9%	12,007	6,106	13.7%
STATE OF TEXAS	4.0%	16,708	7,206	11.1%

* Percent of families below poverty level

TABLE 1.7a

HOUSING CHARACTERISTICS

<u>CITY</u>	<u># HOUSING UNITS</u>	<u>HOUSING UNITS PER CAPITA</u>	<u>OCCUPANCY RATE</u>	<u>AVERAGE HOUSEHOLD SIZE</u>
ARLINGTON	65,338	.408	90.0%	2.69
GARLAND	48,321	.348	95.2%	3.01
LUBBOCK	66,914	.385	90.8%	2.70
PLANO	24,256	.335	91.6%	3.24
WACO	39,969	.395	94.0%	2.51
STATE OF TEXAS	5,480,416	.385	89.9%	NA

NA - Not Available

TABLE 1.7b

HOUSING CHARACTERISTICS

<u>CITY</u>	<u>% UNITS OWNER OCCUPIED</u>	<u>MEDIAN VALUE</u>	<u>% UNITS RENTER OCCUPIED</u>	<u>MEDIAN RENT</u>
ARLINGTON	59.3%	\$59,300	40.7%	\$263
GARLAND	74.5%	51,400	25.5%	265
LUBBOCK	58.7%	39,100	41.3%	204
PLANO	78.3%	80,200	21.7%	308
WACO	53.2%	26,200	46.8%	164
STATE OF TEXAS	64.3%	39,100	35.7%	213

SECTION II
MUNICIPAL BUDGET AND FINANCE SUMMARY

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TABLE 2.4	GENERAL FUND OPERATING RESOURCES
TABLE 2.5	GENERAL FUND REVENUE BY SOURCE

TABLE 2.1
TAX RATE
(IN DOLLARS)

<u>CITY</u>	<u>GENERAL FUND</u>	<u>INTEREST AND SINKING FUND</u>	<u>OTHER</u>	<u>TOTAL</u>
ARLINGTON	.1350	.4630	-	.5980
GARLAND	.2273	.1327	-	.3600
LUBBOCK	.2791	.2809	.0500	.6100
PLANO	.2574	.1976	-	.4550
WACO	.4440	.1160	.1000	.6600

TABLE 2.2

PROPERTY VALUATION
(IN MILLIONS OF DOLLARS, EXCEPT PER CAPITA)

<u>CITY</u>	<u>ASSESSED VALUE</u>	<u>EXEMPTED VALUE</u>	<u>NET TAXABLE VALUE</u>	<u>NET VALUE PER CAPITA</u>
ARLINGTON	\$ 4,018.0	\$ 79.3	\$ 3,938.6	\$ 20,812
GARLAND	4,293.5	165.8	4,127.7	27,147
LUBBOCK	3,227.4	102.6	3,124.7	17,216
PLANO	3,669.7	524.4	3,145.3	35,641
WACO	1,669.0	36.1	1,633.0	15,795

TABLE 2.3
 GENERAL OBLIGATION
 BOND INDEBTEDNESS

<u>CITY</u>	<u>1983 REQUIREMENT</u>	<u>TOTAL INDEBTEDNESS</u>	<u>PER CAPITA DEBT</u>
ARLINGTON	\$17,258,639	\$266,689,000	\$1,409
GARLAND	5,814,779	72,354,839	476
LUBBOCK	10,176,765	107,738,016	594
PLANO	7,596,930	125,863,667	1,426
WACO	2,025,094	16,369,670	158

TABLE 2.4

GENERAL FUND OPERATING RESOURCES

<u>CITY</u>	<u>BUDGET APPROPRIATIONS</u>	<u>FUND BALANCE</u>	<u>TOTAL OPERATING RESOURCES</u>	<u>PER CAPITA OP. RESOURCES</u>
ARLINGTON	\$ 49,714,381	\$ 93,313	\$ 49,807,694	\$ 263
GARLAND	30,842,885	3,792,114	34,634,999	228
LUBBOCK	39,767,132	333,728	40,100,860	221
PLANO	19,848,615	1,200,000	21,048,615	239
WACO	26,521,607	(818,666) *	25,702,941	249

* Represents fund balance deficit

TABLE 2.5

GENERAL FUND REVENUES BY SOURCE

<u>CITY</u>	<u>PROPERTY TAX</u>	<u>SALES TAX</u>	<u>INTRA FUND TRANSFERS</u>	<u>CHARGES</u>	<u>OTHER</u>
ARLINGTON	13.2%	24.5%	4.5%	21.3%	36.5%
GARLAND	31.2%	19.9%	17.5%	11.6%	19.8%
LUBBOCK	21.2%	29.8%	20.4%	16.1%	12.5%
PLANO	40.2%	22.8%	6.4%	17.8%	12.8%
WACO	28.1%	25.8%	.8%	16.6%	28.7%

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PUBLIC SAFETY OPERATIONS

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TABLE 3.1

PUBLIC SAFETY DEPARTMENTS

<u>AREA</u>	<u>ARLINGTON</u>	<u>GARLAND</u>	<u>LUBBOCK</u>	<u>PLANO</u>	<u>WACO</u>
FIRE (INCLUDING FIRE MARSHAL)	X	X	X	X	X
POLICE	X	X	X	X	X
HEALTH	Public Works	Community Services	Public Services	X	Separate Fund *
BUILDING INSPECTION	Community Development	Public Works	Planning	X	Public Services
CIVIL DEFENSE	City Manager Office	Community Services	Administrative Services	X	X
TRAFFIC	Traffic and Transportation	X**	Planning	Public Works	X

An "X" placed in a column indicates that the city has placed that area in its Public Safety Division; otherwise, the division responsible for the particular area is indicated.

* Health services are included in a separate Public Health Fund and are not a part of the General Fund.

** Transit Operations is also included in the Traffic Department.

TABLE 3.2a

POLICE DEPARTMENT EXPENDITURES

<u>CITY</u>	<u>TOTAL</u>	<u>PER CAPITA EXPENDITURE</u>	<u>% PERSONNEL</u>	<u>% OPERATIONS</u>	<u>% CAPITAL OUTLAY</u>
ARLINGTON	\$9,773,730	\$51.64	84%	11%	5%
GARLAND	6,857,107	45.10	82%	13%	5%
LUBBOCK	9,299,975	51.24	81%	14%	5%
PLANO	5,438,163	61.62	77%	17%	6%
WACO	5,562,669	53.81	85%	14%	*

* less than 1%

TABLE 3.2b

POLICE DEPARTMENT INFORMATION
(PER 1,000 POPULATION EXCEPT CALLS PER
OFFICER AND % INDEX CRIMES CLEARED)

<u>CITY</u>	<u># SWORN</u>	<u>CALLS FOR SERVICE</u>	<u>CALLS PER OFFICER</u>	<u>INDEX CRIMES</u>	<u>% INDEX CRIMES CLEARED</u>
ARLINGTON	1.28	526	460	64.5	28.3%
GARLAND	1.09	414	461	47.9	41.0%
LUBBOCK	1.32	567	571	95.4	23.9%
PLANO	1.39	410	333	40.0	34.2%
WACO	1.62	484	452	94.2	24.0%

TABLE 3.2c

POLICE DEPARTMENT PERSONNEL

	<u>ARLINGTON</u>	<u>GARLAND</u>	<u>LUBBOCK</u>	<u>PLANO</u>	<u>WACO</u>
Chief	1	1	1	1	1
Asst. Chief	-	4	1	-	-
Deputy Chief	2	-	-	-	-
Major	-	-	1	-	-
Captain	7	6	7	2	3
Lieutenant	5	24	13	5	11
Sergeant	25	-	40	15	42
Corporal	1	-	57	-	-
Officer	<u>202</u>	<u>130</u>	<u>120</u>	<u>100</u>	<u>110</u>
Total Sworn	243	165	240	123	167
Civilian	<u>66</u>	<u>131</u>	<u>53</u>	<u>53</u>	<u>55</u>
Total Police Department	309	296	293	176	222

TABLE 3.3a

FIRE DEPARTMENT EXPENDITURES

<u>CITY</u>	<u>TOTAL</u>	<u>PER CAPITA EXPENDITURE</u>	<u>% PERSONNEL</u>	<u>% OPERATIONS</u>	<u>% CAPITAL OUTLAY</u>
ARLINGTON	\$7,556,985	\$39.93	89%	8%	3%
GARLAND	4,760,234	31.31	90%	9%	1%
LUBBOCK	8,168,607	45.01	91%	8%	1%
PLANO **	3,205,312	36.32	88%	10%	2%
WACO	4,337,346	41.95	94%	6%	*

* less than 1%

** See Appendix III

TABLE 3.3b

FIRE DEPARTMENT GENERAL INFORMATION

<u>CITY</u>	<u># FIRE STATIONS</u>	<u>EMS</u>	<u># PARAMEDICS</u>	<u># SWORN PER 1000 POPULATION</u>
ARLINGTON	10	NO	6	1.29
GARLAND	6	YES	30	1.13
LUBBOCK	11	NO	0	1.48
PLANO	5	YES	14	1.33
WACO	11	NO	0	1.63

TABLE 3.3c

FIRE DEPARTMENT INCIDENT SUMMARY
(# OF CALLS PER 1,000 POPULATION)

<u>CITY</u>	<u>FIRE</u>	<u>EMERGENCY AND SERVICE</u>	<u>FALSE ALARM</u>	<u>TOTAL INCIDENTS</u>
ARLINGTON	8.1	10.1	1.9	20.1
GARLAND	NA	NA	NA	35.1*
LUBBOCK	9.6	6.7	2.0	18.3
PLANO	5.9	38.8	.5	45.2*
WACO	12.3	5.0	2.2	19.5

* Excludes calls for EMS

TABLE 3.3d

FIRE DEPARTMENT PERSONNEL

<u>POSITION</u>	<u>ARLINGTON</u>	<u>GARLAND</u>	<u>LUBBOCK</u>	<u>PLANO*</u>	<u>WACO</u>
Chief	1	1	1	1	1
Assistant Chief	1	1	-	1	3
Deputy Chief	2	-	2	3	-
District or Battalion Chief	9	4	7	-	-
Captain	20	21	20	15	11
Lieutenant	36	21	29	9	36
Engineer	45	51	84	36	33
Firefighter	123	72	120	48	78
Other Sworn	8	1	5	4	7
Civilian	12	2	12	10	1
Total	257	174	280	127	170

* Includes Fire Marshal Department

TABLE 3.4a

HEALTH DEPARTMENT EXPENDITURES *

<u>CITY</u>	<u>TOTAL</u>	<u>PER CAPITA EXPENDITURE</u>	<u>% PERSONNEL</u>	<u>% OPERATIONS</u>	<u>% CAPITAL OUTLAY</u>
ARLINGTON	\$953,135	\$5.04	86%	11%	3%
GARLAND	892,813	5.87	77%	17%	6%
LUBBOCK	938,813	5.17	76%	21%	3%
PLANO	362,977	4.11	74%	19%	7%
WACO	587,828	5.69	75%	25%	-

* See Appendix III

TABLE 3.4b

HEALTH DEPARTMENT FUNCTIONS

<u>FUNCTION</u>	<u>ARLINGTON</u>	<u>GARLAND</u>	<u>LUBBOCK</u>	<u>PLANO</u>	<u>WACO</u>
ENVIRONMENTAL HEALTH	Yes	Yes	Yes	Yes	Yes
PUBLIC HEALTH CARE	Yes	Yes	Yes	No	Yes
LABORATORY SERVICES	No	No	Yes	No	Yes
VITAL STATISTICS	Yes	No	Yes	No	Yes
ANIMAL CONTROL	*	Yes	*	Yes	No

* Separate Department

TABLE 3.4c

ENVIRONMENTAL HEALTH PERSONNEL

<u>POSITION</u>	<u>ARLINGTON</u>	<u>GARLAND</u>	<u>LUBBOCK</u>	<u>PLANO</u>	<u>WACO</u>
DIRECTOR OF ENVIRON. HEALTH	1	1	0	1	1
SENIOR HEALTH INSP.	1	2	4	1	1
HEALTH INSPECTOR	8	9	10	3	4
OTHER (Non-Clerical)	0	0	7	0	0
CLERICAL	2	1½	2	2	1
TOTAL	12	13½	23	7	7

TABLE 3.4d

ANIMAL CONTROL PERSONNEL

<u>POSITION</u>	<u>ARLINGTON</u>	<u>GARLAND</u>	<u>LUBBOCK</u>	<u>PLANO</u>	<u>WACO</u>
ANIMAL CONTROL SUPERVISOR	1	1	1	1	-
SR. ANIMAL CONTROL OFFICER	1	1	2	-	-
ANIMAL CONTROL OFFICER	11	6	5	4	-
ANIMAL CONTROL DISPATCHER	3	-	1	-	-
SHELTER ATTENDANT	2	3	2	-	-
CLERICAL	1	1	1	1	-
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL	19	12	12	6	-

TABLE 3.5a

BUILDING INSPECTION DEPARTMENT EXPENDITURES

<u>CITY</u>	<u>TOTAL</u>	<u>PER CAPITA EXPENDITURE</u>	<u>% PERSONNEL</u>	<u>% OPERATIONS</u>	<u>% CAPITAL OUTLAY</u>
ARLINGTON*	\$925,115	\$4.89	87%	10%	3%
GARLAND	500,039	3.29	90%	8%	2%
LUBBOCK	450,286	2.48	89%	8%	3%
PLANO	535,381	6.07	83%	14%	2%
WACO	273,459	2.65	90%	10%	-

* See Appendix III

TABLE 3.5b
BUILDING INSPECTION ACTIVITIES

<u>CITY</u>	<u>#</u> <u>INSPECTIONS</u>	<u># INSPECTIONS</u> <u>PER INSPECTOR</u>	<u># PERMITS</u> <u>ISSUED</u>	<u>CONST.</u> <u>VALUATION</u>	<u>PER CAPITA</u> <u>CONST. VAL.</u>
ARLINGTON	NA	-	4,737	\$ 316,852,155	\$ 1,788
GARLAND	37,036	3,367	5,416	131,501,998	909
LUBBOCK	34,937	3,494	7,472	112,452,560	631
PLANO	45,450	4,545	9,864	166,280,561	2,048
WACO	4,573	762	1,820	50,955,208	496

NA - Not Available

TABLE 3.5C
BUILDING INSPECTION PERSONNEL

<u>POSITION</u>	<u>ARLINGTON</u>	<u>GARLAND</u>	<u>LUBBOCK</u>	<u>PLANO</u>	<u>WACO</u>
Chief Building Official	1	1	1	1	1
Asst. Building Official	2	1	1	2	0
Senior Inspector or Supervisor	3	2	3	2	0
Inspector	10	9	7	8	6
Zoning Officer	3	0	0	1	0
Plans Examiner	3	2*	1	0	1
Clerical	7	3	3	5	2
Total	29	18	16	19	10

* See Appendix III

TABLE 3.6a

CIVIL DEFENSE EXPENDITURES *

<u>CITY</u>	<u>TOTAL</u>	<u>PER CAPITA EXPENDITURE</u>	<u>% PERSONNEL</u>	<u>% OPERATIONS</u>	<u>% CAPITAL OUTLAY</u>
ARLINGTON **	\$ 69,310	.37	76%	24%	-
GARLAND	14,747	.10	34%	62%	4%
LUBBOCK	69,032	.38	69%	31%	-
PLANO	62,000	.70	-	3%	97%
WACO	56,473	.55	75%	25%	-

* See Appendix III

** FY 83-84

TABLE 3.6b

CIVIL DEFENSE PERSONNEL

	<u>FULL TIME POSITION</u>	<u># PERSONNEL</u>	<u>POSITION RESPONSIBLE FOR CIVIL DEFENSE COORDINATION</u>
ARLINGTON	Yes	2	Emergency Management Administrator
GARLAND	No	0	Director of Community Services
LUBBOCK	No	1	Director of Administrative Services
PLANO	No	0	Volunteer Emergency Preparedness Director *
WACO	Yes	2	Director of Civil Prepared- ness

* See Appendix III

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APPENDIX I

SECTION I COMMENTS AND NOTES

Unless indicated otherwise, all information is taken from the 1970 U.S. Census of Population General Population Characteristics -- Texas and Advanced Estimates of Social, Economic, and Housing Characteristics -- Texas.

NOTES TO TABLES

- TABLE 1.1 - The 1970 numbers are from the 1970 U.S. Census of Population. The 1983 numbers for Arlington, Garland, and Plano are January 1, 1983 estimates from the North Central Texas Council of Governments, Your Region, June, 1983. The number for Lubbock is a January estimate provided by the Lubbock Planning Department. The Waco number is a January estimate provided by the Waco Planning Department. The State of Texas number is from the Comptrollers office and was generated by Chase Econometrics, Inc.
- TABLE 1.2 - Pacific Islanders are included in the Asian category. Eskimos and Aleutians are included in the American Indian category. Hispanics are classified as a single group and are excluded from the White, Black, and other categories. There is some double classification, i.e., Asian or Pacific Islander Hispanics, and American Indian Hispanics, contained in the Asian and American Indian categories although they are not significant.
- TABLE 1.3 - Households include all individuals except those living in group quarters and inmates of institutions. The Non-family household category represents non-related individuals living in the same dwelling unit. Separate statistics for Lubbock's single person households and non-family households were not available.
- TABLE 1.5 - Each of the categories represent the percentage of persons 25 years and older to complete the particular category. 1-3 years college and 4 or more years college categories are exclusive.

- TABLE 1.7a - The number of housing units category represent the number of units available on a year round basis. The occupancy rate also uses this number as its base.
- TABLE 1.7b - Percent of units owner occupied and percent units renter occupied use the number of occupied units as its base.

APPENDIX II

SECTION II COMMENTS AND NOTES

Information in this section is for the 1982-83 fiscal year and is taken from the cities FY 1982-83 Annual Operating Budgets. Relevant City offices were contacted when additional information was needed. January 1983 population estimates (see Table 1.1) are used for all per capita calculations.

NOTES TO TABLES

- TABLE 2.1 - The .05 tax rate in the other category for Lubbock is earmarked for the Board of City Development. The .10 tax rate in the other category for Waco is earmarked for the Street Improvement Fund.
- TABLE 2.2 - Valuations for Garland and Arlington were provided by their respective tax departments.
- TABLE 2.3 - Total Indebtedness for Arlington and Lubbock were provided by their respective Finance Departments.
- TABLE 2.5 - Each of the numbers represent a percentage of the total collected general revenues. Delinquent receipts and penalty and interest are included in property taxes. The Charges category includes the following for each city:
- ARLINGTON - Licenses and Permits section; Utility Franchises section; Leases, Rents and Concession section; Current Services section except County Fire Protection Service, Other Revenue, Revenue Sharing, U.M.T.A. Grant, Interest Income, Housing Section 8, and Discounts Earned.
- GARLAND - All permits and fees, park concessions, plastic sack sales, and franchise tax.

- LUBBOCK - Franchise tax, Licenses and Permit section, Charges for Services section, Public Safety section, Health section, Culture and Recreation section, and Cemetery section.
- PLANO - Licenses and Permits section and Charges for Service section.
- WACO - Permits, Licenses, and Fees section, Charge for Services section, Zoning Applications, and Commission on Concessions.

APPENDIX III

SECTION III COMMENTS AND NOTES

The information contained in this section was compiled from annual operating budgets, department annual reports, department letters and memos, and phone conversations. Unless indicated otherwise, all information is for the 1982-83 Fiscal Year.

In tables 3.2a, 3.3a, 3.4a, 3.5a, and 3.6a, personnel expenditures for Waco include salaries and wages, pensions and social security, hospital and life insurance, and worker's compensation.

NOTES TO TABLES

TABLE 3.1 - Plano is the only city that has an Executive Director (Assistant City Manager for Public Safety) and an administrative staff responsible for Public Safety Administration.

POLICE

TABLE 3.2a - The # Sworn column represents the number of sworn police officers per 1,000 population using the January 1983 population estimate. Statistical data for Arlington, Plano, and Waco are for the calendar year 1982. Calls for service represent the number of calls received through dispatch per 1,000 population using the January 1982 population estimate. Calls per officer represent the number of calls for service per sworn officer. Only the Officer and Corporal positions are included in this calculation (See Table 3.2c). Index crimes represent the number of Part I Index crimes committed per 1,000 population. Part I Index crimes are homicide, rape and attempts, robbery, aggravated assault, burglary, vehicle thefts, misdemeanor thefts, and felony thefts.

TABLE 3.2c - The Chief, Assistant Chief, and Captain for Garland are officialy titled Director of Police and Assistant Director of Police, and Police Commander respectively. Police Supervisor's I and II for Garland are included in the Lieutenant's position. Garland's Civilian positions include 80 part-time and summer employees. Waco's Civilian positions include ten part-time cadets.

FIRE

TABLE 3.3a - The Fire Marshal Department is included for Plano since all other cities include the Fire Marshal in their Fire Departments. Plano's Fire Marshal Department has four full-time employees (Fire Marshal, two Arson Investigators, and a Secretary I) with the following FY 82-83 Budget:

Personnel	\$ 111,235
Operations	25,501
Capital Outlay	2,970
	<hr/>
	\$ 139,706

Per capita expenditures use the January 1983 population estimates.

TABLE 3.3b - The EMS category lists whether a city provides Emergency Medical Services. The # sworn per 1,000 population represents the total number of non-civilian Fire personnel per 1,000 population using the January 1983 population estimates.

TABLE 3.3c - Each of the categories represent the types of calls responded to per 1,000 population for the 1981-82 Fiscal Year (Waco and Garland numbers are for the 1982 calendar year). The January 1982 population estimates are used for all calculations. The total number of calls responded to for Garland and Plano exclude EMS calls. The higher number of calls for Garland and Plano may be explained by ambulance assistance calls, which are included in the emergency calls category and are not counted as EMS calls. Excluding ambulance assistance calls from the emergency calls category reduces the number of Emergency and Service calls per 1,000 population to 27.7 and the Total Incidents per 1,000 population to 33.8 for the City of Plano. Comparable statistics were not available for Garland.

TABLE 3.3d - The following positions are included in the other sworn category for each city:

ARLINGTON - Arson Investigator, Fire Adjutant, Fire Dispatcher (2), Fire Inspector (4).

GARLAND - Fire Marshal

LUBBOCK - Fire Marshal, Assistant Fire Marshal, Fire Inspector (3).

PLANO - Division Chief for Training, Fire Marshal, Arson Investigator (2).

WACO - Training Officer, Fire Marshal, Fire Prevention Inspector (3), Engineer Mechanic, Fire Equipment Mechanic.

Lubbock Civilian section is also responsible for maintaining and servicing all fire vehicles and equipment. The Equipment Maintenance section is composed of a supervisor and three mechanics.

HEALTH

TABLE 3.4a - In order to provide consistency in comparisons, Health Department Expenditures include only Environmental Health and Animal Shelter expenditures. The Arlington total includes the Animal Shelter Department. The Lubbock total represents only Environmental Health Services of the Health Department and the Animal Shelter Department. It was not possible to separate the Public Health Laboratory from the Waco budget. The Waco budget also includes the Director positions for Public Health, Community Health services, Public Health Nursing, and Vital Statistics. The City of Waco does not have an Animal Shelter. Per capita figures use the January 1983 estimates.

TABLE 3.4b - The table indicates whether the City provides services in one of the functional areas. Public Health care includes treatment of medically needy persons and preventive health care programs. Laboratory services performs various medical tests as well as tests on food and water samples.

TABLE 3.4c - The Senior Health Inspector position for Arlington is titled Senior Sanitarian and the Health Inspectors are titled Sanitarian (5) and Environmental Inspector (3). Garland's Senior Health Inspectors are titled Senior Sanitarian (1) and Environmental Code Supervisor (1) and the Health Inspectors are titled Sanitarian (4) and Environmental Code Inspector (5). Lubbock's Senior Health Inspectors are titled Supervising Sanitarions and the Health Inspectors titled Sanitarian (9) and Environmental Control Inspector (1). Waco's Senior Health Inspector is titled Sanitarian II and the Health Inspectors are titled Sanitarian I (2) and Sanitary Inspector (2). Sanitarions are responsible for food service and institutional operations while Environmental Inspectors investigate environmental complaints. Plano's inspectors function in both areas. The seven other positions for Lubbock represent Vector Control Workers and a supervisor.

TABLE 3.4d - Waco does not provide Animal Control services.

BUILDING INSPECTION

TABLE 3.5a - The Arlington Total expenditure includes 30.55% of the Community Development Management Budget, since the Assistant Director of Community Development is also the Chief Building Official. Per Capita expenditures use the January 1983 population estimates.

TABLE 3.5b - All numbers are for the 1981-82 fiscal year except Lubbock which are for the 1982 calendar year. The first three months of the fiscal year were estimated using previous year data for Plano's number of inspections. Per capita computations used the January 1982 population estimates.

TABLE 3.5c - Garland's Plans Examiners are titled Code Analyst and Code Engineer and have responsibilities other than plan reviewing. Plano has an Inspector (Code Enforcement officer) and an Assistant Building Official responsible for plan reviews. Inspectors for Arlington, Garland, and Plano are multiple inspectors.

CIVIL DEFENSE

TABLES 3.6a and 3.6b

- ARLINGTON - The Emergency Management Office is a part of the City Manager's Office. The staff consists of an Emergency Management Administrator and a full-time secretary. The total expenditure represents the Emergency Management Office's portion of the City Manager's Office budget.
- GARLAND - The Civil Defense Department contains no full-time personnel. The Director of Community Services functions as the Civil Defense Coordinator. The personnel costs represent charges from other activities.
- LUBBOCK - The Emergency Services budget includes expenditures for Administrative Services Management. The Director of Administrative Services functions as the Emergency Services Coordinator. There is no full-time staff support.
- PLANO - This figure represents a non-departmental expense. A volunteer Emergency Preparedness Director functions as a coordinator during emergencies. A separate Emergency Preparedness Department was established in the 1983-84 Operating Budget with no full-time staff. The Fire Marshal is now responsible for coordinating the Emergency Preparedness program.
- WACO - The Waco Civil Defense Department consists of two full-time staff -- Director of Civil Preparedness and a Clerk-Stenographer. The Department also provides civil preparedness for McLennan County.

APPENDIX IV

1982 POPULATION ESTIMATES

<u>CITY</u>	<u>1982 POPULATION</u>
ARLINGTON	177,200
GARLAND	144,650
LUBBOCK	178,272
PLANO	81,200
WACO	102,773

Arlington, Garland, and Plano estimates are January 1, 1982 estimates calculated by the North Central Texas Council of Governments. Lubbock and Waco estimates are for January 1982 and were calculated by their Planning Departments.