

1988

ANNUAL REPORT

BEXAR COUNTY MEDICAL EXAMINERS OFFICE

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CHIEF MEDICAL EXAMINER
DIRECTOR, REGIONAL CRIME LABORATORY
BEXAR COUNTY
SAN ANTONIO, TEXAS

BEXAR COUNTY MEDICAL EXAMINER'S OFFICE
STAFF-1988

Dr. Vincent J.M. Di Maio	Chief Medical Examiner
Dr. Suzanna E. Dana	Deputy Chief Medical Examiner
Dr. Robert C. Bux	Medical Examiner
Dr. Tommy J. Brown	Fellow

Patricia Hitch	Administrator
Rosemarie Mueller	Statistician/Nar. Clerk
Dora Martinez	Medical Secretary
Priscilla Fragoso	Medical Secretary
Karen Munro	Receptionist/Admin. Clerk

Dr. James C. Garriott	Chief Toxicologist
Joe L. Castorena	Assistant Chief Tox.
James E. Bousser	Toxicological Chemist I
Loretta A. Rosales	Toxicological Chemist I
Robert G. Rodriguez	Toxicological Chemist II
Kelly Conrad	Toxicological Chemist II
Frank Roach	Toxicological Chemist III
Jeffery Todd	Toxicological Chemist III
Marie McQueen	Secretary-Toxicology
Carlos Rocha	Glassware Attendant (Part-time)
Norma Villa	Glassware Attendant (Part-time)

John Raymond	Autopsy Laboratory Supervisor
Danny Guzman	Diener
Martin Castillo	Diener
Gilbert Escalona	Diener
Manuel Cantu/Sonja Bustamante	Histologist (Part-time)

Frank Castillon	Chief Medical Investigator
Ronald Dodson	Medical Investigator
Gary Biggs	Medical Investigator
Perry Clifton	Medical Investigator
Dave Parsons	Medical Investigator
Frank Tovar, Jr.	Medical Investigator
Eva Hickman	Medical Investigator

Jane Nellis	Serologist
Richard Stengel	Firearms Examiner
Allen Southmayd/Marvin Morgan	Document Examiner

ANNUAL REPORT 1986-1987-1988
BEXAR COUNTY MEDICAL EXAMINER

	<u>1986</u>	<u>1987</u>	<u>1988</u>
TOTAL NUMBER OF CASES INVESTIGATED.....	3848	4147	4258
JURISDICTION WAIVED.....	2188	2537	2577
CASES ACCEPTED.....	1660	1610	1681
ME CASES BROUGHT INTO OFFICE.....	1606	1563	1629
DEATH CERTIFICATES ONLY.....	<u>54</u>	<u>47</u>	<u>52</u>
TOTAL	1660	1610	1681
AUTOPSIES.....	1075	994	1046
INSPECTIONS.....	531	569	583
DEATH CERTIFICATES ONLY.....	<u>54</u>	<u>47</u>	<u>52</u>
TOTAL	1660	1610	1681
SCENE INVESTIGATIONS.....	368	359	350
CREMATION CERTIFICATES ISSUED.....	701	713	774
STORAGE CASES.....	65	84	77
TOTAL X-RAYS TAKEN.....	1080	1040	1261

SUMMARY OF MEDICAL EXAMINER CASES

	<u>1988</u>		<u>Percentage Autopsied (%)</u>
	<u>Total cases</u>	<u>Number Autopsied</u>	
Homicides	244 (14.5%)	244	100%
Suicides	204 (12.1%)	139	68%
Accidents	393 (23.4%)	300	76%
Naturals	787 (46.9%)	309	39%
Undetermined	44 (2.6%)	43	97%
Unclassified	<u>9 (0.5%)</u>	<u>9</u>	<u>100%</u>
TOTAL	1681 100%	1046	62%

	<u>1987</u>		
	<u>Total cases</u>	<u>Number Autopsied</u>	
Homicides	247 (15.3%)	247	100%
Suicides	177 (11.1%)	118	67%
Accidents	392 (24.3%)	307	78%
Naturals	751 (46.6%)	286	38%
Undetermined	38 (2.4%)	35	92%
Unclassified	<u>5 (0.3%)</u>	<u>1</u>	<u>20%</u>
TOTAL	1610 100%	994	62%

	<u>1986</u>		
	<u>Total cases</u>	<u>Number Autopsied</u>	
Homicides	294 (17.7%)	291	99%
Suicides	191 (11.5%)	137	72%
Accidents	439 (26.5%)	332	76%
Naturals	703 (42.3%)	285	41%
Undetermined	32 (1.9%)	29	91%
Unclassified	<u>(0.1%)</u>	<u>1</u>	<u>100%</u>
TOTAL	1660 100%	1075	65%

MANNER OF DEATH IN "DEATH CERTIFICATE ONLY" CASES *

	<u>1986</u>	<u>1987</u>	<u>1988</u>
Accidents.....	39	32	41
Homicides.....	3	0	1
Naturals.....	12	12	10
Undetermined.....	0	1	0
Unclassified.....	<u>0</u>	<u>2</u>	<u>0</u>
TOTAL	54	47	52

*These are medical examiner cases which were not reported to this office but were only detected when the death certificates were filed with the bureau of vital statistics.

OUT-OF-COUNTY CASES / FEE-FOR-SERVICE CASES

	<u>OUT-OF-COUNTY</u>	<u>FEE-FOR-SERVICE</u>	<u>TOTAL</u>
<u>1986</u>	100	5	105
<u>1987</u>	123	4	127
<u>1988</u>	116	8	124

MANNER OF DEATH: (OUT-OF COUNTY)

	<u>1986</u>	<u>1987</u>	<u>1988</u>
Homicides.....	37	48	36
Suicides.....	16	21	19
Accidents.....	16	28	28
Naturals.....	26	18	23
Undetermined.....	5	7	9
Unclassified.....	<u>0</u>	<u>1</u>	<u>1</u>
TOTAL	100	123	116

HOMICIDES BY METHOD

	<u>1986</u>	<u>1987</u>	<u>1988</u>
Firearms	159 (54.2%)	139 (56.4%)	138 (56.6%)
Knife	59 (20.1%)	49 (19.8%)	44 (18.0%)
Blunt Force	27 (9.3%)	30 (12.1%)	19 (7.8%)
Hit & Run	27 (9.3%)	11 (4.5%)	20 (8.2%)
Burns (Fire, Scalding)	4 (1.4%)	6 (2.4%)	4 (1.6%)
Asphyxia	10 (3.4%)	9 (3.6%)	11 (4.6%)
Undetermined	2 (0.3%)	2 (0.8%)	4 (1.6%)
Other**	<u>6 (2.0%)</u>	<u>1 (0.4%)</u>	<u>4 (1.6%)</u>
TOTAL	294 (100%)	247 (100%)	244 (100%)

In 1986, two cardiac arrhythmias, two craniocerebral injuries-stab wounds, one craniocerebral injury-asphyxia and one closed head injury-ligature strangulation. In 1987, there was a blunt trauma-asphyxia. In 1988, one acute arsenic poisoning, one near decapitation, one dehydration and probable electrolyte imbalance and one drowning.

HOMICIDES BY FIREARM: TYPE OF WEAPON

	<u>1986</u>	<u>1987</u>	<u>1988</u>
Handgun	121 (76.0%)	96 (68.6%)	89 (64.5%)
Rifle			
Centerfire	2 (1.3%)	6 (4.3%)	4 (3.0%)
Rimfire	6 (3.8%)	6 (4.3%)	13 (9.4%)
Shotgun	13 (8.2%)	10 (7.1%)	14 (10.1%)
Unknown	<u>17 (10.7%)</u>	<u>22 (15.7%)</u>	<u>18 (13.0%)</u>
TOTAL	159 (100%)	140* (100%)	138 (100%)

*More than one weapon was used in several cases.

CALIBER OF HANDGUNS USED IN HOMICIDES

<u>Caliber</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>
.38/.357	62	51	33
.22	22	22	25
.25	21	8	10
.32	7	1	6
9 mm	5	5	5
.45 ACP	0	1	5
.44	3	1	1
.380 ACP	6	6	4
.41	<u>0</u>	<u>1</u>	<u>1</u>
TOTAL	126*	96	90

*More than one handgun was used in several cases.

HOMICIDES BY FIREARM: PLACE OF DEATH

	<u>1986</u>	<u>1987</u>	<u>1988</u>
Residence	65	44	49
Street/Sidewalk	21	23	23
Bar/Lounge	15	12	10
Parking Lot	20	20	14
Building	9	9	13
Field (Rural area)	11	17	16
Inside vehicle	17	13	10
Unknown	<u>1</u>	<u>1</u>	<u>3</u>
TOTAL	159	139	138

VICTIMS OF HOMICIDES

<u>AGE (yrs)</u>	<u>Number of Cases</u>						
	<u>1986</u>	<u>1987</u>	<u>1988</u>		<u>1986</u>	<u>1987</u>	<u>1988</u>
<1	4	8	5				
1	2	0	3				
2 - 5	4	2	5				
6 - 10	1	0	3	Male	237	202	190
11 - 15	5	2	11	Female	47	45	54
16 - 19	20	17	23	TOTAL	294	247	244
20's	115	85	73				
30's	63	60	43				
40's	39	31	38				
50's	19	10	14				
60's	10	17	14	White	256	222	202
70's	6	4	3	Negro	38	25	42
80's	4	3	3	Oriental	0	0	0
90's	0	0	1	TOTAL	294	247	244
Unknown	<u>2</u>	<u>8</u>	<u>5</u>				
TOTAL	294	247	244				

BLOOD ALCOHOL CONCENTRATIONS OF HOMICIDE VICTIMS

<u>Blood Alcohol (g/dl)</u>	<u>Number of Cases</u>		
	<u>1986</u>	<u>1987</u>	<u>1988</u>
Negative	109	80	100
.01-.049	31	28	12
.05-.099	29	31	15
.10-.149	34	21	33
.15-.199	33	31	32
.20-.249	24	26	21
.25-.299	13	10	12
.30 & up	<u>5</u>	<u>11</u>	<u>4</u>
TOTAL	278	238	229

NO. AND PERCENTAGE OF INDIVIDUALS LEGALLY INTOXICATED

(0.10 g/dl or greater)

1986.....109 (39.2%)

1987.....99 (41.6%)

1988.....102 (44.5%)

CHILD HOMICIDES: 0-5 YEARS OF AGE

	<u>W/M</u>	<u>W/F</u>	<u>N/M</u>	<u>N/F</u>	<u>TOTAL</u>
<u>1986</u>	7	1	1	1	10
<u>1987</u>	4	4	2	0	10
<u>1988</u>	4	6	3	0	13

CAUSE OF DEATH - CHILD HOMICIDES

	<u>1986</u>	<u>1987</u>	<u>1988</u>
Craniocerebral injuries	0	2	3
Multiple injuries	0	0	0
Blunt Force	5	4	4
Burns (Fire, Scalding)	1	1	1
Stab wound	1	0	0
Asphyxia	2	1	1
Gunshot wound(s)	0	2	2
Hit and run	<u>1</u>	<u>0</u>	<u>2</u>
TOTAL	10	10	13

SUDDEN INFANT DEATH SYNDROME

	<u>1986</u>	<u>1987</u>	<u>1988</u>		<u>1986</u>	<u>1987</u>	<u>1988</u>
WHITE	24	14	26	MALE	20	11	18
NEGRO	<u>2</u>	<u>3</u>	<u>5</u>	FEMALE	<u>6</u>	<u>6</u>	<u>13</u>
TOTAL	26	17	31	TOTAL	26	17	31

SUICIDES BY METHOD

	<u>1986</u>	<u>1987</u>	<u>1988</u>
Firearm	117	114	135
Drugs/Chemicals	23	22	26
Hanging	34	25	21
Carbon Monoxide	10	10	9
Jumping	1	2	4
Motor Vehicle Fatality	0	0	2
Fire	0	0	1
Train	0	2	0
Knife	2	1	3
Drowning	1	0	0
Asphyxia	2	1	3
Explosion	<u>1</u>	<u>0</u>	<u>0</u>
TOTAL	191	177	204

SUICIDES BY FIREARM: TYPE OF WEAPON

	<u>1986</u>	<u>1987</u>	<u>1988</u>
Handgun	88	90	89
Rifle			
Centerfire	5	9	8
Rimfire	11	8	17
Shotgun	13	5	19
Derringer	0	1	0
Unknown	<u>0</u>	<u>1</u>	<u>2</u>
TOTAL	117	114	135

CALIBER OF HANDGUNS USED IN SUICIDES

<u>Caliber</u>	<u>Number of cases</u>		
	<u>1986</u>	<u>1987</u>	<u>1988</u>
.38/.357	34	47	37
.22	28	19	31
.32	7	5	6
.25	9	8	6
.41/.44	1	2	0
.45	2	2	4
9mm	2	1	1
.380 ACP	3	5	4
Unknown	<u>2</u>	<u>1</u>	<u>0</u>
TOTAL	88	90	89

SUICIDES: (GUNSHOT WOUND CASES)

<u>PLACE OF DEATH</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>
Residence	96	82	107
Inside vehicle	7	9	12
Parking lot	1	3	4
Field (Rural area)	8	11	6
Building	0	4	2
Street	2	5	4
Other	<u>3</u>	<u>0</u>	<u>0</u>
TOTAL	117	114	135

SUICIDES

Month of Occurrence

	<u>1986</u>	<u>1987</u>	<u>1988</u>		<u>1986</u>	<u>1987</u>	<u>1988</u>
JAN	15	19	15	JUL	13	16	23
FEB	14	13	24	AUG	19	17	20
MAR	16	19	15	SEP	15	16	10
APR	11	16	28	OCT	9	18	10
MAY	21	10	17	NOV	21	14	12
JUN	19	13	18	DEC	18	6	12

Cases

<u>AGE</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>
<15	2	0	4
15-19	13	17	22
20's	56	52	59
30's	39	38	33
40's	19	23	29
50's	23	20	18
60's	21	12	17
70's	14	8	16
80's	4	6	5
90's	<u>0</u>	<u>1</u>	<u>1</u>
TOTAL	191	177	204

Cases

	<u>1986</u>	<u>1987</u>	<u>1988</u>
White	179	171	195
Negro	10	5	9
Oriental	<u>2</u>	<u>1</u>	<u>0</u>
TOTAL	191	177	204

Cases

	<u>1986</u>	<u>1987</u>	<u>1988</u>
Male	141	129	157
Female	<u>50</u>	<u>48</u>	<u>47</u>
TOTAL	191	177	204

TEENAGE SUICIDES

Number of Cases

	<u>1986</u>	<u>1987</u>	<u>1988</u>
Firearms	9	11	18
Hanging	4	3	2
Drugs	2	2	4
Carbon Monoxide	<u>0</u>	<u>1</u>	<u>2</u>
TOTAL	15	17	26

	<u>1986</u>	<u>1987</u>	<u>1988</u>
White	13	16	24
Negro	2	1	2
Oriental	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL	15	17	26

	<u>1986</u>	<u>1987</u>	<u>1988</u>
Male	11	15	18
Female	<u>4</u>	<u>2</u>	<u>8</u>
TOTAL	15	17	26

MOTOR VEHICLE FATALITIES IN BEXAR COUNTY - 1986-1987-1988

MOTOR VEHICLE DRIVERS

	<u>1986</u>	<u>1987</u>	<u>1988</u>
AT FAULT	52	42	46
NOT AT FAULT	<u>21</u>	<u>20</u>	<u>11</u>
TOTAL	73	62	57

MOTOR VEHICLE DRIVERS AT FAULT

	<u>1986</u>	<u>1987</u>	<u>1988</u>
TOTAL CASES	52	42	46
TOTAL TESTED	50	40	46
NEGATIVE FOR ALCOHOL	10 (21.6%)	11 (27.5%)	14 (30.4%)
POSITIVE FOR ALCOHOL	33 (64.7%)	21 (52.5%)	25 (54.4%)
DRUGS ONLY	2 (3.9%)	0 (0.0%)	4 (8.7%)
DRUGS AND ALCOHOL	<u>5 (9.8%)</u>	<u>8 (20.0%)</u>	<u>3 (6.5%)</u>
TOTAL	50 (100%)	40 (100%)	46 (100%)

DRIVERS AT FAULT (ALCOHOL LEVEL)

	<u>1986</u>	<u>1987</u>	<u>1988</u>
LESS THAN .05 MEAN ALCOHOL	6	1	1
.05-.099 MEAN ALCOHOL	4	1	2
.10-.199 MEAN ALCOHOL	16	11	9
.20-.299 MEAN ALCOHOL	8	15	15
.30 & UP MEAN ALCOHOL	<u>4</u>	<u>1</u>	<u>1</u>
TOTAL	38	29	28

SEATBELTS:

	<u>1986</u>	<u>1987</u>	<u>1988</u>		<u>1986</u>	<u>1987</u>	<u>1988</u>
Male	39	36	37	Yes	8	5	6
Female	<u>13</u>	<u>6</u>	<u>9</u>	No	39	31	27
				Unknown	<u>5</u>	<u>6</u>	<u>13</u>
TOTAL	52	42	46	TOTAL	52	42	46

MOTOR VEHICLE DRIVERS NOT AT FAULT

	<u>1986</u>	<u>1987</u>	<u>1988</u>
TOTAL CASES	21	20	11
TOTAL TESTED	21	18	9
NEGATIVE FOR ALCOHOL	12 (57.2%)	14 (77.8%)	6 (66.7%)
POSITIVE FOR ALCOHOL	4 (19.0%)	4 (22.2%)	3 (33.3%)
DRUGS ONLY	2 (9.5%)	0 (0.0%)	0 (0.0%)
DRUGS AND ALCOHOL	3 (14.3%)	0 (0.0%)	0 (0.0%)
TOTAL	21 (100%)	18 (100%)	9 (100%)

MOTOR VEHICLE DRIVERS NOT AT FAULT (ALCOHOL LEVEL)

	<u>1986</u>	<u>1987</u>	<u>1988</u>
LESS THAN .05 MEAN ALCOHOL	4	1	1
.05-.099	0	1	0
.10-.199	2	0	2
.20-.299	1	2	0
.30 & UP	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL	7	4	3

SEATBELTS:

	<u>1986</u>	<u>1987</u>	<u>1988</u>		<u>1986</u>	<u>1987</u>	<u>1988</u>
Male	14	16	7	Yes	6	5	2
Female	<u>7</u>	<u>4</u>	<u>4</u>	No	10	9	4
				Unknown	<u>5</u>	<u>6</u>	<u>5</u>
TOTAL	21	20	11	TOTAL	21	20	11

MOTORCYCLE DRIVERS

	<u>1986</u>	<u>1987</u>	<u>1988</u>
AT FAULT	14	9	17
NOT AT FAULT	<u>5</u>	<u>7</u>	<u>6</u>
TOTAL	22	16	23

MOTORCYCLE DRIVERS AT FAULT

	<u>1986</u>	<u>1987</u>	<u>1988</u>
TOTAL CASES	14	9	17
TOTAL TESTED	14	9	17
NEGATIVE FOR ALCOHOL	3 (21.4%)	6 (66.7%)	8 (47.0%)
POSITIVE FOR ALCOHOL	8 (57.2%)	0 (0.0%)	5 (29.4%)
DRUGS ONLY	1 (7.1%)	0 (0.0%)	1 (5.9%)
DRUGS AND ALCOHOL	<u>2 (14.3%)</u>	<u>3 (33.3%)</u>	<u>3 (17.7%)</u>
TOTAL	14 (100%)	9 (100%)	17 (100%)

MOTORCYCLE DRIVERS AT FAULT (ALCOHOL LEVEL)

	<u>1986</u>	<u>1987</u>	<u>1988</u>
LESS THAN .05 MEAN ALCOHOL	3	1	1
.05-.099	1	0	1
.10-.199	4	2	5
.20-.299	2	0	1
.30 & UP	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL	10	3	8

HELMETS:

	<u>1986</u>	<u>1987</u>	<u>1988</u>		<u>1986</u>	<u>1987</u>	<u>1988</u>
Male	14	9	17	Yes	4	5	4
Female	<u>0</u>	<u>0</u>	<u>0</u>	No	10	4	11
				Unknown	<u>0</u>	<u>0</u>	<u>2</u>
TOTAL	14	9	17	TOTAL	14	9	17

MOTORCYCLE DRIVERS NOT AT FAULT

	<u>1986</u>	<u>1987</u>	<u>1988</u>
TOTAL CASES	8	7	6
TOTAL TESTED	8	7	1
NEGATIVE FOR ALCOHOL	3 (37.5%)	3 (42.9%)	3 (60.0%)
POSITIVE FOR ALCOHOL	4 (50.0%)	3 (42.9%)	1 (20.0%)
DRUGS ONLY	0 (0.0%)	1 (14.2%)	1 (20.0%)
DRUGES AND ALCOHOL	<u>1 (12.5%)</u>	<u>0 (0.0%)</u>	<u>0 (0.0%)</u>
TOTAL	8 (100%)	7 (100%)	5 (100%)

MOTORCYCLE DRIVERS NOT AT FAULT (ALCOHOL LEVEL)

	<u>1986</u>	<u>1987</u>	<u>1988</u>
LESS THAN .05 MEAN ALCOHOL	1	1	0
.05-.099	1	0	0
.10-.199	3	2	0
.20-.299	0	0	1
.30 & UP	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL	5	3	1

HELMETS:

	<u>1986</u>	<u>1987</u>	<u>1988</u>		<u>1986</u>	<u>1987</u>	<u>1988</u>
Male	8	7	6	Yes	2	1	4
Female	<u>0</u>	<u>0</u>	<u>0</u>	No	6	6	1
				Unknown	<u>0</u>	<u>0</u>	<u>1</u>
TOTAL	8	7	6	TOTAL	8	7	6

BICYCLISTS

	<u>1986</u>	<u>1987</u>	<u>1988</u>
TOTAL	5	0	2
ALCOHOL LEVEL 0.10 OR GREATER	1	0	0

<u>1986</u>	<u>1987</u>	<u>1988</u>
(1 UNDER 16 YEARS OLD)	(0)	(1 UNDER 16 YEARS OLD)

	<u>1986</u>	<u>1987</u>	<u>1988</u>
MALE	5	0	2
FEMALE	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL	5	0	2

PASSENGERS IN MOTOR VEHICLE

	<u>1986</u>	<u>1987</u>	<u>1988</u>
TOTAL	52	40	49
ALCOHOL LEVEL 0.10 OR GREATER	17	11	11

<u>1986</u>	<u>1987</u>	<u>1988</u>
(8 UNDER 16 YRS OLD)	(9 UNDER 16 YRS OLD)	(5 UNDER 16 YRS OLD)

	<u>1986</u>	<u>1987</u>	<u>1988</u>
MALE	27	25	26
FEMALE	<u>25</u>	<u>15</u>	<u>23</u>
TOTAL	52	40	49

PEDESTRIANS

	<u>1986</u>	<u>1987</u>	<u>1988</u>
TOTAL	48	53	32
MALE	40	34	19
FEMALE	<u>8</u>	<u>19</u>	<u>13</u>
TOTAL	48	53	32

HIT-AND-RUN

NON HIT-AND-RUN

	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>
NO ANALYSIS PERFORMED	1	0	0	4	11	2
NEGATIVE	4	2	9	14	19	11
LESS THAN .05	1	1	0	3	1	0
.05-.099	2	0	0	1	1	0
.10-.199	2	3	5	7	5	1
.20-.299	3	0	2	3	5	2
.30 & UP	<u>1</u>	<u>2</u>	<u>0</u>	<u>2</u>	<u>3</u>	<u>0</u>
TOTAL	14	8	16	34	45	16

<u>AGE</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>
0-5	1	7	1
6-10	3	2	3
11-15	5	3	1
16-19	5	5	4
20's	13	13	12
30's	1	7	4
40's	8	3	1
50's	4	2	2
60's	3	3	3
70's	3	2	1
80's	1	4	0
90's	0	1	0
Unknown	<u>1</u>	<u>1</u>	<u>0</u>
TOTAL	48	53	32

DEATHS DUE TO DRUGS/TOXIC SUBSTANCES

	<u>1986</u>	<u>1987</u>	<u>1988</u>
Heroin	44	8	21
Cocaine	3	7	7
Heroin and Cocaine	0	13	11
Narcotics (Other than heroin)	0	0	0
Tricyclic (Antidepressants)	8	8	11
Propoxyphene	2	4	8
Mixed drugs	15	12	5
Barbiturates	4	0	1
Ethyl Alcohol	2	3	6
Carbon monoxide	11	12	12
Other	<u>6</u>	<u>10</u>	<u>16</u>
TOTAL	95	77	98

CRIME LABORATORY

<u>FIREARMS</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>
TEST FIRES.....	1525	1388	1531
COMPARISONS.....	197	185	197
SERIAL NUMBER RESTORATIONS..	48	47	52

QUESTIONED DOCUMENTS*

TOTAL CASES.....	179	185	119
EXHIBITS EXAMINED.....	6405	4641	1626

*From May 1988 thru October 1988 there was no full-time Document Examiner

SEROLOGY

TOTAL CASES.....	1260	1244	1245
TOTAL ITEMS.....	3906	4234	4107
TOTAL TESTS.....	12,709	10,663	11,528

SEIZED DRUGS IDENTIFICATION

TOTAL CASES.....	3246	3577	4753
TOTAL TESTS.....	4858	8877	11,910
TOTAL DRUGS DESTROYED.....	2687	2398	2897

MEDICAL EXAMINER TOXICOLOGY WORKLOAD

	<u>CASES</u>	<u>TESTS</u>
<u>1986</u>	1593	8055
<u>1987</u>	1694	8491
<u>1988</u>	1612	8195

INSTRUMENTAL BREAKDOWN OF TESTS

	<u>GC/MS</u>	<u>GC</u>	<u>TLC</u>	<u>UV</u>	<u>FAA</u>	<u>EIA</u>	<u>COLOR</u>	<u>OTHER</u>
<u>1986</u>	1292	3316	2686	104	254	--	--	403
<u>1987</u>	1191	3460	2546	--	238	223	381	452
<u>1988</u>	487	3805	--	--	148	1964	1472	319

SPECIFIC TOXICOLOGY TESTS PREFORMED

	<u>1986</u>	<u>1987</u>	<u>1988*</u>
Alcohols	1978	1989	1940
Alkaline Drug Screen	1768	1790	1865
Acid/Neutral Drug Screen	2795	2630	250
Narcotic Screen	377	402	340
CO	104	84	91
SMA6	93	94	88
Volatiles	32	40	37
THC	344	346	110
Blood Typing	203	161	111
Cultures	9	4	4
GS/Residue	252	238	148
Enzyme tests	--	223	1714
Spot tests	--	381	1472
Other	<u>100</u>	<u>109</u>	<u>25</u>
TOTAL	8055	8491	8195

*Change in computation method introduced.

BUDGET

FISCAL YEAR

<u>1985</u>	\$1,047,978
<u>1986</u>	\$1,184,283
<u>1987</u>	\$1,147,938
<u>1988</u>	\$1,230,221
<u>1989</u>	\$1,482,292

INCOME OF OFFICE

YEAR

<u>1980</u>	\$30,378
<u>1981</u>	\$59,318
<u>1982</u>	\$84,658
<u>1983</u>	\$109,863
<u>1984</u>	\$128,214
<u>1985</u>	\$208,421
<u>1986</u>	\$262,932
<u>1987</u>	\$292,213
<u>1988</u>	\$302,449*

*This includes money contributed by the American Red Cross Society for the salary of the Fellow.