BIENNIAL REPORT

FISCAL YEARS

1979-80 1980-81

COUNTY OF LOS ANGELES

BIENNIAL REPORT

OF THE

CHIEF MEDICAL EXAMINER-CORONER

RONALD N. KORNBLUM, M.D.

ACTING CHIEF MEDICAL EXAMINER-CORONER

FISCAL YEARS

July 1, 1979 - June 30, 1980

July 1, 1980 - June 30, 1981

BOARD OF SUPERVISORS

Peter F. Schabarum.....First District
Kenneth Hahn.....Second District
Edmund D. Edelman.....Third District
Deane Dana.....Fourth District
Michael D. Antonovich.....Fifth District

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COUNTY OF LOS ANGELES
DEPARTMENT OF CHIEF MEDICAL EXAMINER-CORONER

1104 NO. MISSION RD., LOS ANGELES, CALIFORNIA 90033

(213) 226-8031

Board of Supervisors
County of Los Angeles
Hall of Administration
500 West Temple Street
Los Angeles, CA 90012

Gentlemen:

Submitted herewith is the Chief Medical Examiner-Coroner's Biennial Report covering Fiscal Years 1979-80 and 1980-81.

The Department's workload continued to expand not only in quantity, but also cases of increased complexity. During this period 114,281 deaths were recorded in Los Angeles County of which 33,912 were inquired into by this office.

The Los Angeles County Department of Chief Medical Examiner-Coroner is one of the largest professional Coroner's Offices in the nation. We continue to maintain a high level of scientific expertise through close interchange of information and developments in forensic science.

Sincerely,

RONALD N. KORNBLUM, M.D.
ACTING CHIEF MEDICAL EXAMINER-CORONER

RNK/fvh

HISTORY OF THE DEPARTMENT

It is difficult to account accurately for the early history of this department. Our oldest records date from 1888, and the oldest budget record is for 1954.

1850 - Coroner's Office was established. The law said little about jurisdiction or procedure, except that the Coroner must keep "records". The County population was 3,530.

1852 - Coroner's Office was merged as an ex-officio office under the Public Administrator.

1888 - The law defined what records the Coroner must keep and that this "Coroner's File" was to be a public record. The population of the County had grown to approximately 100,000.

1905 - Death certificates became required by law. Embalming was established as a practice by morticians enabling bodies to be held longer before examination. Inquests were the principal method by which the Coroner determined the cause, manner, and responsibility of death. Occasionally, autopsies were done where cause of death was unknown or where the presence of heavy metals, cyanide, strychnine, morphine, opium, and other poisons was suspected. As a result, the Coroner occasionally enlisted the services of a chemist. The population was now approximately 350,000.

1915 - Paperwork began to mount (e.g., Coroner's file, inquest records, photographs, autopsy and chemical analysis records, reports of certain deaths to various public agencies, etc.). Population was now at 700,000.

1916 to 1930 - This was a period of significant growth for the department. A Central Coroner's Office was opened with facilities to process cases in a more desirable scientific environment. Autopsy tables, embalming tables, instruments, cameras, dark rooms, refrigeration, vehicles, inquest room, and routine office spaces were provided. The full-time staff increased to include autopsy surgeons, inquest deputies, deputy coroners, technicians, and a clerical staff. Inquests were still the main method by which cause and manner of death were determined. Testimony was sought as to the autopsy, chemical, and police investigative findings. Toxicological tests were performed by the County Health Department. In 1930, the population was 2,208,492, and the number of Coroner's cases was 3,894.

1942 - A toxicologist, his staff and laboratory were administratively transferred from the Health Department to the Coroner. Alcohol blood tests and other tests became almost routine for the Coroner to conduct. An increase in traffic deaths and occasional drug overdoses resulted in a growing workload for the department. Questions arose involving liability, insurance payments, etc., which called for careful investigation on the part of the Coroner's staff. Population was now approximately 2,800,000 and Coroner's cases now numbered about 5,500 per year.

1956 - Los Angeles County voted a Charter Amendment which separated the Public Administrator and Coroner's Office. According to the new law the Coroner now had to be a Pathologist and the department was designated "Chief Medical Examiner-Coroner". Due to the level of expertise increasingly demanded by the courts, the medical staff shifted from autopsy surgeons to forensic pathologists. Documentation of Coroner's work became more demanding as the judicial world changed. Identification, notification, and storage problems increased as larger and larger numbers of transient and migratory people began dying in the County. Narcotic and other deaths began to increase, calling for a large number of autopsies on unembalmed bodies. This necessitated bringing more bodies into the central facility from "outside" districts. Population was now more than 5,000,000 and Coroner's cases were about 10,000 per year.

1961 - Drug deaths, suicides, homicides, and traffic deaths increased above normal population increases. New state law took effect stating that a death was reportable to the Coroner when a physician had not been in attendance during the 10 days prior to death. As a result of this law, approximately one-third more cases became reportable to the Coroner. Population was now over 6,000,000 and there were approximately 11,000 Coroner's cases per year.

1962 to 1970 - This was a period of civil disobedience and one in which the drug culture flourished. There occurred an alarming increase in homicides, suicides, and drug-involved deaths. Court time demanded by the District Attorney and Public Defender increased as well as their need, and the need of other agencies (e.g., law enforcement, insurance, etc.,) for increased documentation of records, evidence, microscopic slides, tissue, photographs, x-rays, clothing, etc. Security and chain-of-evidence procedures were strengthened. In 1965 the department established specialists/professionals in the investigation of Coroner's cases. These positions were entitled Coroner's Investigators. During this time the department began experiencing a new demand -- a demand for information. Requests came from local, state, and federal agencies, the press, educational institutions, private citizens, etc. These demands have continued and increased to present time. By 1969 the population had increased to over 7,000,000 and the number of Coroner's cases increased to over 14,000.

1970 to 1972 - During this period the department opened two substations. One in 1970 in Long Beach and a second in San Fernando Valley in 1972. In 1972 the department moved into the new Forensic Science Center (Central Facility) on the grounds of the LAC/USC Medical Center. At this time approximately 50% of the autopsies were performed in the Center and 50% in the mortuaries.

1973 - The Scanning Electron Microscopy Laboratory was established and began full operation.

1974 to 1977 - This was a period of increasing budgetary restrictions. As a result, the substations were closed in 1975. All autopsies in the County, with the exception of the upper desert, were now performed in the Forensic Science Center. The Coroner's Investigators were given authority to certify cause of death at mortuaries in those cases where an autopsy was not required. By law, the department became responsible for investigating nursing home deaths. A new State law took effect stating that a death was reportable to the Coroner when a physician had not been in attendance during the 20 days prior to death (in 1961 it was 10 days prior to death). Whereas the County population stablized at its 1969 level -- approximately 7,000,000 the number of Coroner's cases increased to approximately 16,000.

Whereas the number of traffic deaths, drug deaths, and suicides decreased during that eight-year period, the number of homicides and accidents increased.

1977 to 1979 - Homicides and traffic accidents increased 28% and 23% respectively over the previous two years. Drug deaths decreased by 28% during the same time period. Overall, the Coroner's workload increased primarily due to an increase in the number of cases of a complex nature, particularly those involving new and exotic drugs, and to the additional effort required to satisfy the demands of the courts.

1979 to 1981 - Homicides increased 25% over the previous two years, while vehicle accidents increased only 2% over previous experience. Drug deaths decreased 19% during the same period. The Coroner's workload continues to increase in the number of cases of a complex nature.

MAJOR SECTIONS OF LAW THAT DESCRIBE DUTIES, RESPONSIBILITIES AND AUTHORITY

JURISDICTION OF A DEATH BY THE CORONER

Government Code Section 27491

In substance, it shall be the duty of the Coroner to determine the circumstances, manner, and cause of all deaths, other than natural. However, said section also requires that the Coroner take jurisdiction of all deaths occurring from Sudden Infant Death Syndrome, deaths of those awaiting sentence, deaths from contagious disease that constitute a public hazard, deaths from occupational disease or hazard, and deaths of patients in State mental hospitals.

Health & Safety Code Section 10250

This section requires that every physician, funeral director, or other person immediately notify the Coroner of certain specific types of deaths such as where suicide is suspected or that the death was suspected to have been caused by criminal means.

Health & Safety Code Section 10251

Places a duty upon the Coroner, when notified of those deaths set forth under 10250 of the Health & Safety Code, to ascertain as many as possible of the facts required by Chapter 5, Division 9, of the Health & Safety Code of the State of California.

AUTOPSY BY THE CORONER

Government Code Section 27491.4

Grants the Coroner the discretionary power to autopsy, analyze such things as stomach contents, blood, organs, etc., and requires said results and findings to be put in writing.

Government Code Section 27520

Requires that the Coroner shall perform an autopsy when requested to do so by the next-of-kin, even though the case originally was not a Coroner's case. However, it further provides that the cost of said autopsy shall be borne by said next-of-kin.

Health & Safety Code Section 7114

Sets forth under what circumstances persons other than the Coroner could be prosecuted for a misdemeanor if any autopsy is performed without authorization. States this section is not applicable to the Coroner.

California Labor Code No. 5706

The Labor Commission can require an autopsy by the Coroner on a case the Commission is hearing and over which the Coroner has jurisdiction. If the Coroner has already autopsied or does not require one, the Commission then has the right to order a re-examination or autopsy by a physician the Commission names.

NON-AUTOPSY DUTIES WITH THE BODY

Government Code Section 27491.25

Provides that the Coroner shall run an alcohol and barbiturate level on all traffic deaths over 15 years of age who die within 24 hours. Gives the Coroner discretion to run the same tests to determine possible amphetamine level. Further provides that said tests shall also be run on persons 15 years of age or under if the surrounding circumstances indicate the possibility of alcohol, barbituric acid, and amphetamine derivative consumption.

Government Code Section 27471

Authorizes the Coroner under certain circumstances, to embalm a body and charge a fee of $100 for said embalming when prior permission of the next-of-kin has been obtained for said embalming. Without said permission he may charge a fee of $30. Restricts the completion application of this section to counties above a certain population.

Penal Code Section 11113

The Coroner shall furnish fingerprints on each Coroner's case to be sent to the State of California State Bureau of Identification and Investigation.

CORONER DOCUMENTS

Health & Safety Code Section 10252

The Coroner shall within three days after examining the body deliver the death certificate to the attending funeral director. Cause, antecedent causes, other significant conditions contributing to death, and such other medical and health section data as required, shall be completed.

Health & Safety Code Section 10410

The Coroner shall register with the local registrar all known data concerning the decedent.

Health & Safety Code Section 10411

Pertains to amending death certificates.

Government Code Section 27491.5 - Investigation Only

States in substance that the cause of death appearing on a death certificate shall be in conformity with the Coroner's findings. And further states how the Coroner may complete the death certificate without holding an inquest or autopsy.

Health & Safety Code Sections 10175,80,85,86, & 90

Fetal death registration. All fetal deaths that cannot be attested to by a physician, that have reached the 20th week of uterogestation will be certified by the Coroner.

Health & Safety Code Section 10203

States that the medical and health section data of the death certificate shall be certified by the Coroner.

Health & Safety Code Section 10204

The Coroner must certify the medical and health data listed on the certificate of death within three days after assuming jurisdiction over the decedent.

Government Code Section 27463

The Coroner shall keep an official register.

Government Code Section 27463.5

After the completion of the Coroner's investigation, the Coroner may photograph or microfilm said file and destroy the original copy.

Government Code Section 27491.4

Sets standards which Coroner must follow for inquiring into a Coroner's case.

PROPERTY

Government Code Section 27461

The Coroner may sell personal property to pay burial expenses if approved by the Superior Court.

Government Code Section 27462

The Coroner is to file with the Clerk of Court a statement showing the amount of property and the monetary result of the sale. If there is not sufficient property to the estate to pay the burial expenses, the expenses are a legal charge against the County.

Government Code Section 27464

Any note, letter, document, etc., directing disposition of property or remains are to be filed with the County Clerk. A facsimile copy shall be placed in the Coroner's records and the original to the addresses. If an inquest be held, a true copy shall be read into the record and transcribed.

Government Code Section 27465

Within 30 days after an inquest, the Coroner shall deliver to the legal representatives of the deceased, any money or other property found upon the body.

Government Code Section 27466

Unclaimed property (found on decedent) after 30 days is to be sold and the case delivered to the Treasurer with an affidavit.

Government Code Section 27491.3

In any death into which the Coroner is to inquire, he may take charge of any and all personal effects, valuables and property at the scene of death, hold and safeguard until lawful disposition is made; lock and seal the premises, but not to interfere with law enforcement if under investigation.

INDIGENTS

Health & Safety Code Section 7104

No matter where death occurs, the Coroner shall inter decedents as indigent when no one can be found to claim the body, and if at the time of death the decedent can be proved a resident of the Coroner's County.

INQUESTS

Government Code Section 68092 & 68095

Sets forth standards for interpreters, translators fees, witness fees, and mileage fees for Coroner's jury.

Government Code Section 27491.6

Coroner must hold an inquest when requested to do so by: Sheriff, City Prosecutor, City Attorney, District Attorney, Attorney General, or Chief of Police in a City of a County in which the Coroner has jurisdiction.

In all other cases, however, Coroner may inquest at his discretion.

Government Code Section 27491.7

The Coroner, his authorized deputy, or a hearing officer shall conduct an inquest.

DISINTERMENTS

Government Code Section 27491.4

Pertains to Sudden Infant Death Syndrome; possession of body; autopsy; exhumation; preservation of medical findings; record of death.

UNIFORM ANATOMICAL GIFT ACT

Health & Safety Code Sections 7150-7153.5

Pertains to gift of body tissue and/or organs, qualification to make such gifts and qualification to receive same.

AGENCIES TO NOTIFY

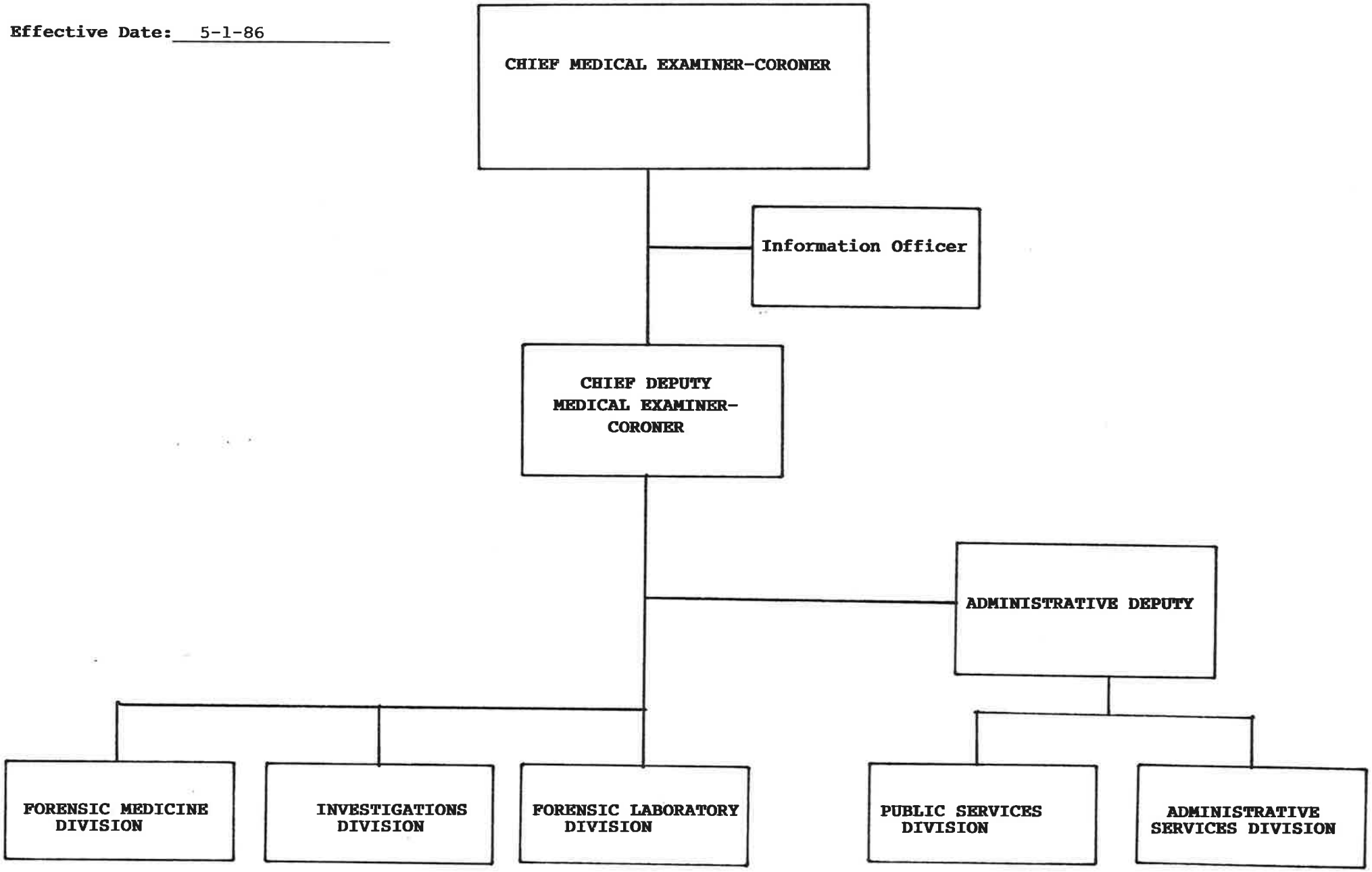
Government Code Section 27491.1

In deaths where criminal means are suspected, the police must be notified immediately by phone and supplied with a written report.

Vehicle Code, 200011

A written report shall be sent to the Department of Highway Patrol before the 10th day of each month of all traffic fatalities and the circumstances.

Effective Date: 5-1-86



DEPARTMENT ORGANIZATION

The Chief Medical Examiner-Coroner is responsible for investigating and determining the circumstances, manner, and cause of all sudden violent, or unusual deaths which occur in the County of Los Angeles.

ADMINISTRATIVE SERVICES DIVISION

This division is responsible for personnel, payroll, budget, accounting, statistics, and procurement services.

FORENSIC LABORATORIES DIVISION

This division consists of several laboratories. These laboratories are responsible for interpretation of various tests such as qualitative and quantitative analysis on blood and other tissue specimens, medical evidence to determine the presence or absence of poisons, drugs, or other chemicals; processing tissues and preparing slides for microscopic examination; criminalistic examinations of gunshot residue analysis, examination of electrocution burns, toolmarks in tissues, etc., by scanning electron microscopy, x-ray spectrophotometry, and other microanalytical instrumentation.

FORENSIC MEDICINE DIVISION

This division is responsible for the medical aspects of death investigation and has the duty to determine the cause, manner, and circumstances of each death handled by this department. The division is composed of physicians who are forensic pathologists trained in the interpretation of gunshot wounds, cutting and stabbing wounds, blunt force injuries, etc. These physicians are skilled in determining the cause of sudden and unexpected death and are frequently called upon to explain and interpret the autopsy findings in court, particularly in homicide cases.

INVESTIGATIONS DIVISION

This division is responsible for the investigative operations of the department. The personnel work closely with all law enforcement and other governmental agencies in the on-the-scene medicolegal investigation of Coroner's cases. This divison also assumes custody of personal property found on the person of the deceased, secures evidence, writes reports, takes at-scene photographs, and transports or causes to be transported to the Coroner's facility or specific mortuaries the cases coming under the Coroner's jurisdiction.

PUBLIC SERVICES DIVISION

This division is responsible for transcription of autopsy reports, sale of public documents; handling public inquiries; preparation and provision of case documents in response to subpoenas; control, maintenance and microfilming of Coroner's permanent records; and the protective storage and proper release or disposal of personal property of decedents.

FINANCIAL STATEMENT

	July 1, 1979 June 30, 1980	July 1, 1980 June 30, 1981
EXPENDITURE		
Salaries & Employee Benefits	$3,356,950	$3,922,928
Services & Supplies	444,132	540,614
Fixed Assets	41,034	16,569
TOTAL EXPENDITURE	$3,842,116	$4,480,111
REVENUE		
Personnel Services	$ 8,177	$ 20,150
Court Fees & Costs (witness fees/transcripts)	$ 14,852	$ 11,714
Other Charges Current Services (embalming, photocopies, other)	$ 102,853	$ 89,537
Other Sales (photographs)	$ 1,928	$ 4,827
Other Revenues	$ 3,048	$ 2,854
TOTAL REVENUE	$ 130,858	$ 129,082

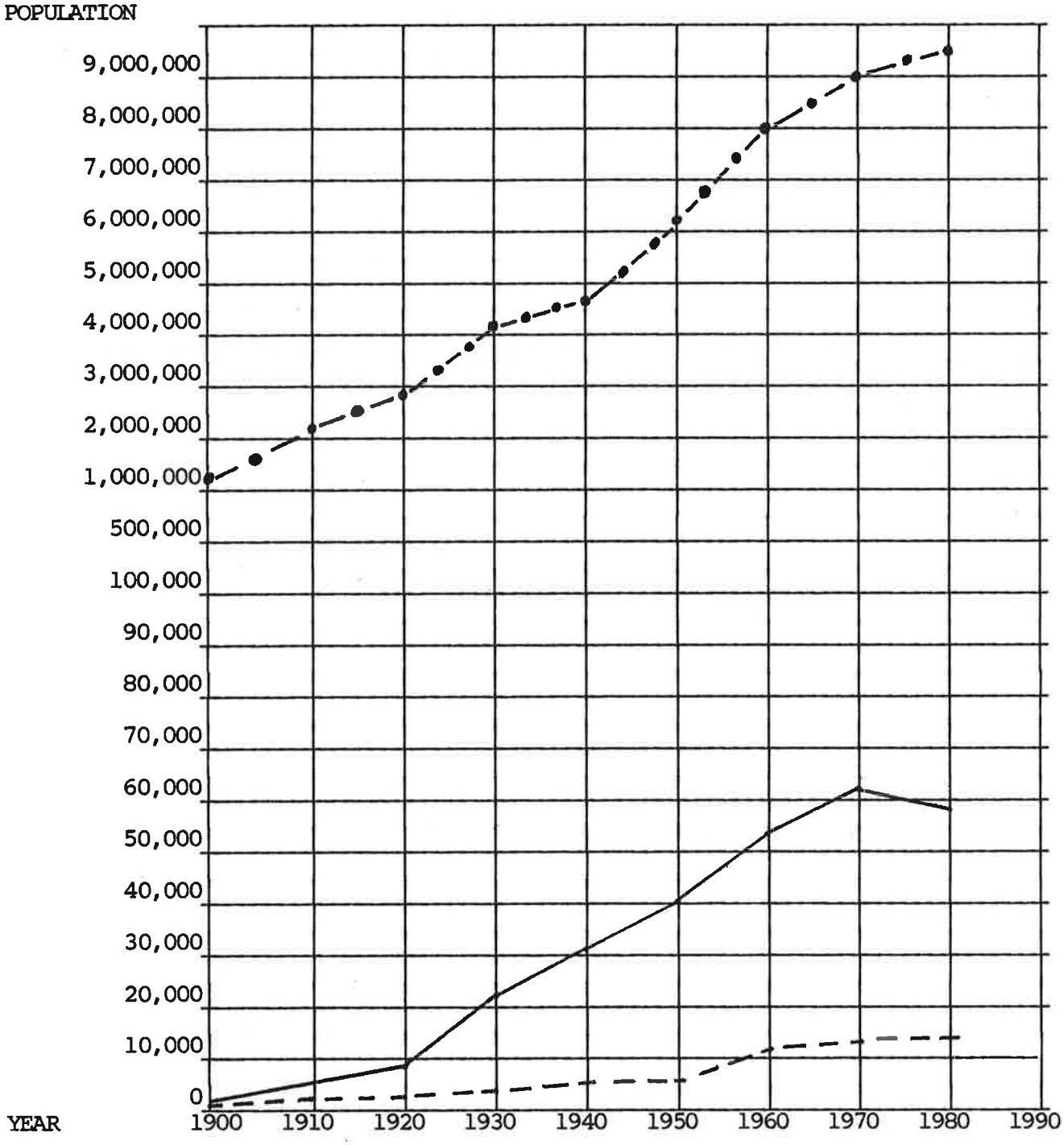
COMPARISON STATISTICS 1900 - 1981

YEAR	LOS ANGELES COUNTY POPULATION	ESTIM. TOTAL COUNTY DEATHS	TOTAL CERTIFIED CORONER'S CASES	PERCENTAGE OF COUNTY DEATHS WHICH ARE CORONER'S CASES	RATE OF CORONER'S CASES PER 100,000 POPULATION
1900	170,298	N/A	339	N/A	199.1
1910	540,131	N/A	646	N/A	128.1
1920	936,455	N/A	1,552	N/A	165.7
1930	2,208,492	N/A	3,894	N/A	176.3
1940	2,785,643	31,068	5,456	17.56%	195.9
1950-51	4,172,220	40,602	7,774	19.15%	186.3
1955-56	5,085,864	48,258	9,450	19.58%	185.8
1960-61	6,068,148	54,307	10,825	19.93%	178.4
1965-66	6,814,000	59,638	13,128	22.01%	192.7
1970-71	7,032,075	62,561	13,715	21.92%	195.0
1971-72	7,090,452	62,194	13,238	21.29%	186.7
1972-73	7,098,826	61,575	13,241	21.50%	186.5
1973-74	7,000,679	61,008	15,148	24.83%	216.4
1974-75	6,992,299	59,973	15,735	26.24%	225.0
1975-76	7,018,603	58,955	15,030	25.49%	214.1
1976-77	7,042,538	57,353	13,515	23.56%	191.9
1977-78	7,083,431	57,036	13,763	24.13%	194.3
1978-79	7,146,500	57,167	13,908	24.33%	194.6
1979-80	7,477,503	56,700	13,227	23.33%	176.9
1980-81	7,562,200	57,581	13,758	23.89%	181.9

N/A = Not Available

COMPARISON STATISTICS 1900 - 1981

County Population •—•—•
County Deaths ————
Certified Coroner's Cases - - - -

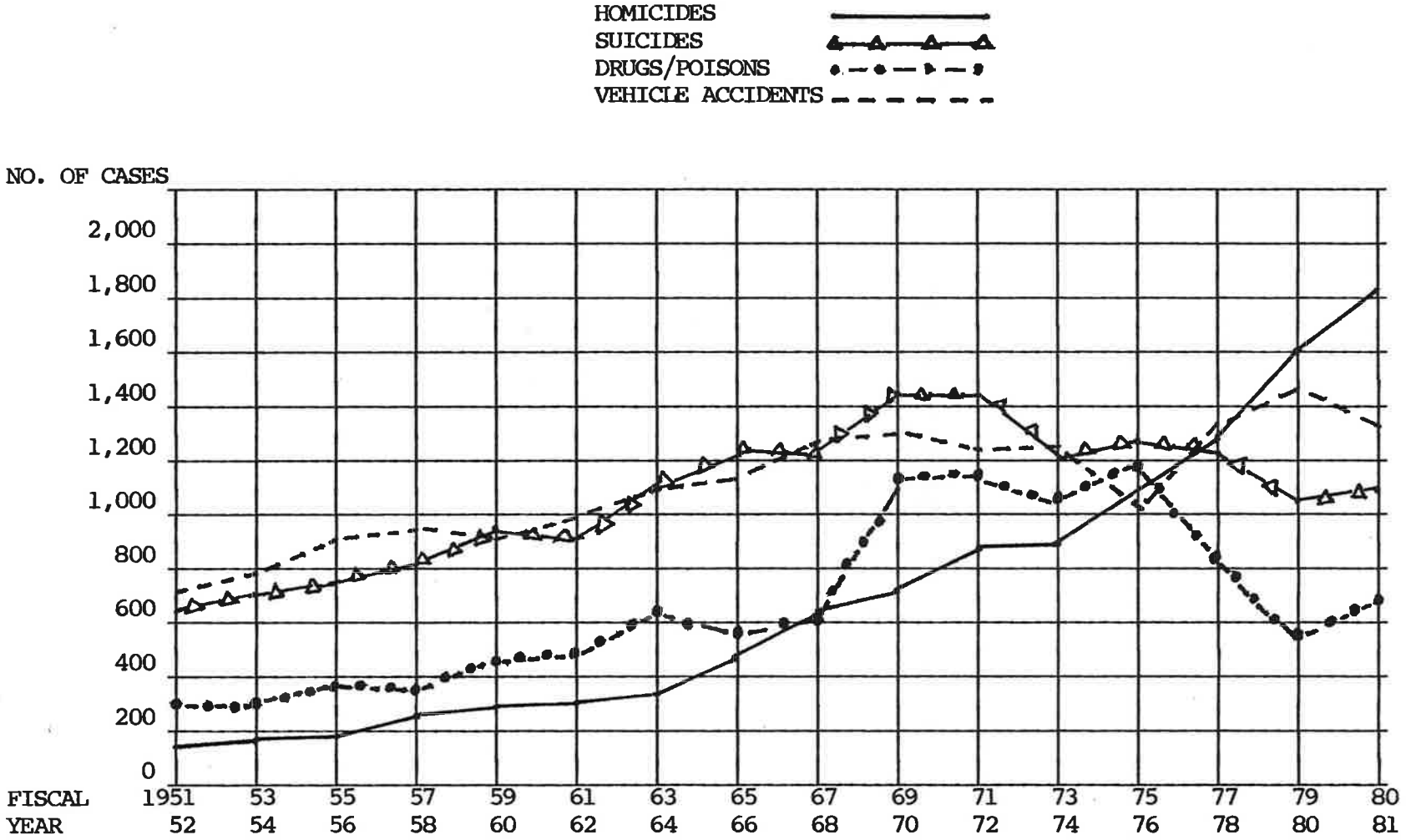


COMPARISON OF SPECIFIC DEATHS

FISCAL YEAR	COUNTY POPULATION	SUICIDES	HOMICIDES	VEHICLE ACCIDENTS	DRUGS/ POISONS
1951-52	4,302,415	667	172	724	328
1952-53	4,511,737	715	152	887	333
1953-54	4,676,863	723	193	777	320
1954-55	4,890,567	741	163	792	398
1955-56	5,085,864	753	193	927	393
1956-57	5,290,246	718	235	1,052	417
1957-58	5,507,429	818	233	961	384
1958-59	5,709,011	861	229	908	395
1959-60	5,919,368	973	282	935	453
1960-61	6,068,148	937	296	918	396
1961-62	6,337,000	949	291	998	491
1962-63	6,469,000	1,136	330	1,064	605
1963-64	6,604,000	1,102	331	1,120	634
1964-65	6,723,000	1,161	393	1,171	629
1965-66	6,814,000	1,258	484	1,153	558
1966-67	6,880,000	1,197	503	1,218	507
1967-68	6,941,000	1,239	633	1,286	630
1968-69	7,001,000	1,113	683	1,306	*1,044
1969-70	7,044,721	1,407	718	1,344	1,139
1970-71	7,032,075	1,519	782	1,154	1,359
1971-72	7,090,452	1,442	897	1,261	1,152
1972-73	7,098,826	1,332	966	1,218	1,045
1973-74	7,000,679	1,225	902	1,262	1,060
1974-75	6,992,299	1,022	944	1,060	1,080
1975-76	7,018,603	1,263	1,083	1,039	1,195
1976-77	7,042,538	1,196	1,125	1,133	943
1977-78	7,083,431	1,226	1,273	1,321	846
1978-79	7,146,500	1,165	1,455	1,472	696
1979-80	7,477,503	1,088	1,603	1,477	572
1980-81	7,562,200	1,110	1,803	1,384	682

* Narcotics first reported in 1968.

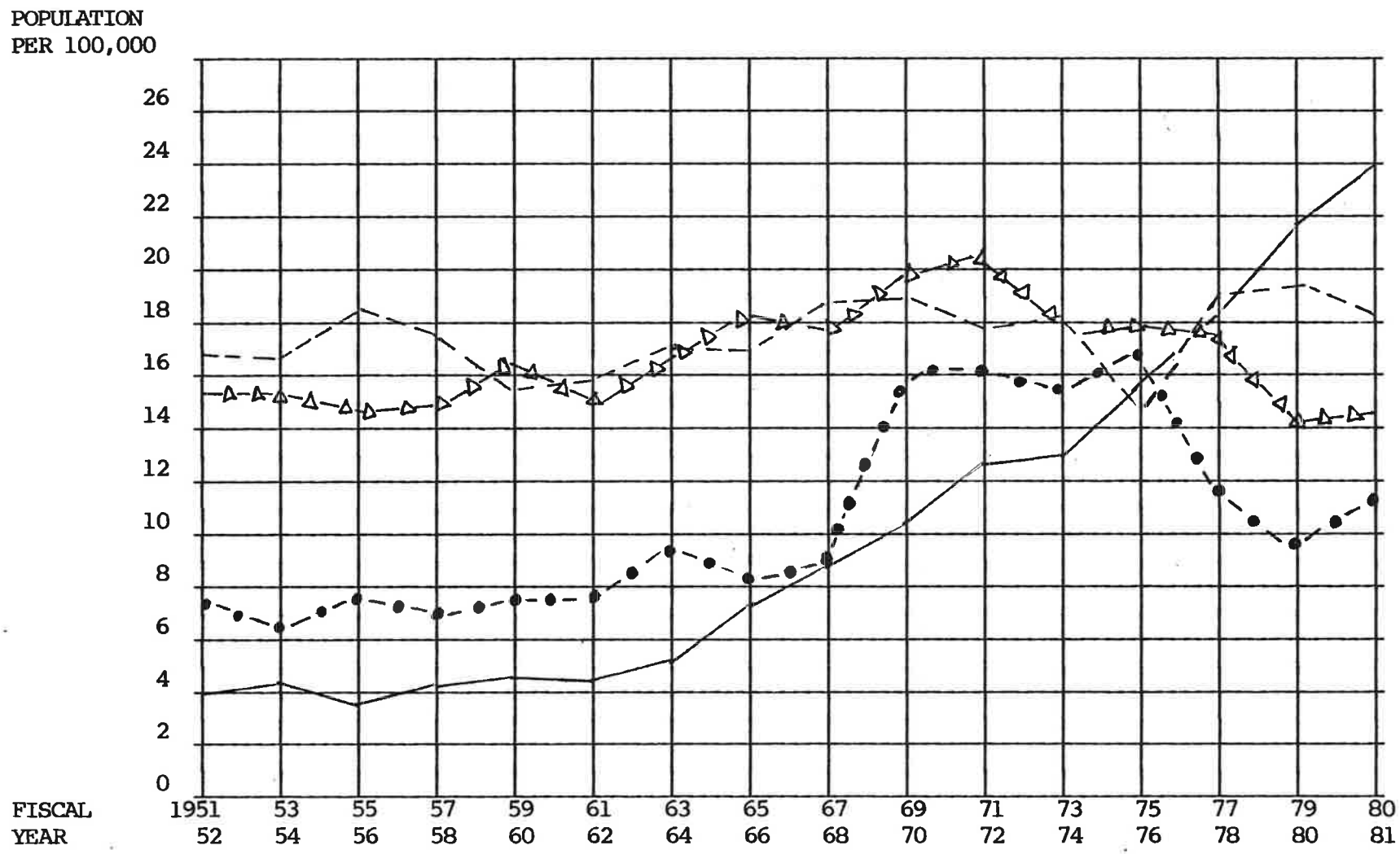
COMPARISON OF SPECIFIC DEATHS



RATE OF SPECIFIC DEATHS PER 100,000 POPULATION

FISCAL YEAR	COUNTY POPULATION	SUICIDE RATE	HOMICIDE RATE	VEHICLE ACCIDENT RATE	DRUGS/ POISON RATE
1951-52	4,302,415	15.5	4.0	16.8	7.6
1952-53	4,511,737	15.8	3.4	19.7	7.4
1953-54	4,676,863	15.5	4.1	16.6	6.8
1954-55	4,890,567	15.2	3.3	16.2	8.1
1955-56	5,085,864	14.8	3.8	18.2	7.7
1956-57	5,290,246	13.6	4.4	19.9	7.8
1957-58	5,507,429	14.9	4.2	17.4	7.0
1958-59	5,709,011	15.1	4.0	15.9	6.9
1959-60	5,919,368	16.4	4.8	15.8	7.7
1960-61	6,068,148	15.4	4.9	15.1	6.5
1961-62	6,337,000	15.0	4.6	15.7	7.7
1962-63	6,469,000	17.6	5.1	16.4	9.4
1963-64	6,604,000	16.7	5.0	17.0	9.6
1964-65	6,723,000	17.3	5.8	17.4	9.4
1965-66	6,814,000	18.5	7.1	16.9	8.2
1966-67	6,880,000	17.4	7.3	17.7	7.4
1967-68	6,941,000	17.9	9.1	18.5	9.1
1968-69	7,001,000	15.9	9.8	18.7	14.9
1969-70	7,044,721	20.0	10.2	19.1	16.2
1970-71	7,032,075	21.6	11.1	16.4	19.3
1971-72	7,090,452	20.3	12.7	17.8	16.2
1972-73	7,098,826	18.8	13.6	17.2	14.7
1973-74	7,000,679	17.5	12.9	18.0	15.1
1974-75	6,992,299	14.6	13.5	15.2	15.4
1975-76	7,018,603	18.0	15.4	14.8	17.2
1976-77	7,042,538	17.0	16.0	16.1	13.4
1977-78	7,083,431	17.3	18.0	18.6	11.9
1978-79	7,146,500	16.3	20.4	20.6	9.7
1979-80	7,477,503	14.6	21.4	19.8	7.6
1980-81	7,562,200	14.7	23.8	18.3	9.0

RATES OF SPECIFIC DEATHS PER 100,000 POPULATION



WORKLOAD COMPARISON 1970-1981

FISCAL YEAR	REPORTED/ INVESTIGATED CASES	CERTIFIED CASES	CORONER AUTOPSIES	TOXICOLOGY TESTS	HISTO-PATHOLOGY SLIDES
1970-71	13,821	13,715	7,534	20,419	14,845
1971-72	13,981	13,238	6,342	27,312	10,891
1972-73	17,658	13,241	6,321	36,581	11,008
1973-74	19,102	15,148	6,615	37,904	9,560
1974-75	16,423	15,723	6,937	45,623	12,507
1975-76	16,182	15,030	7,139	49,431	16,153
1976-77	15,549	13,515	6,443	45,607	13,079
1977-78	16,206	13,763	7,069	45,438	14,901
1978-79	16,662	13,908	5,620	58,609	13,235
1979-80	16,568	13,227	5,075	52,188	12,000
1980-81	17,344	13,758	5,280	54,809	14,900

DEATHS CAUSED BY FIREARMS

JULY 1, 1979 - JUNE 30, 1980

TYPE OF FIREARM	MODE OF DEATH				TOTAL	PERCENT OF TOTAL
	HOMICIDE	SUICIDE	ACCIDENT	UNDETERMINED		
HANDGUN	340	390	18	2	750	46.67%
RIFLE	45	78	6	-	129	8.03%
SHOTGUN	147	58	2	1	208	12.94%
UNKNOWN	519	—	-	1	520	32.36%
TOTAL	1,051	526	26	4	1,607	100.00%
PERCENT OF TOTAL	65.40%	32.73%	1.62%	0.25%	100.00%	

JULY 1, 1980 - JUNE 30, 1981

TYPE OF FIREARM	MODE OF DEATH				TOTAL	PERCENT OF TOTAL
	HOMICIDE	SUICIDE	ACCIDENT	UNDETERMINED		
HANDGUN	359	355	22	-	736	42.97%
RIFLE	48	96	-	-	144	8.41%
SHOTGUN	148	47	2	-	197	11.50%
UNKNOWN	636	-	-	-	636	37.12%
TOTAL	1,191	498	24	-	1,713	100.00%
PERCENT OF TOTAL	69.53%	29.07%	1.40%	-	100.00%	

FISCAL YEAR

1979 - 1980

CASELOAD BY MONTH

JULY 1, 1979 - JUNE 30, 1980

MONTH	NATURAL	SUICIDE	HOMICIDE	ACCIDENTS EXCLUDING VEHICLE*	VEHICLE ACCIDENTS	UNDETERMINED	INQUIRY	NON-CORONER	TOTALS
JULY	581	95	108	131	115	16	156	79	1,281
AUGUST	553	93	140	162	133	14	146	86	1,327
SEPTEMBER	552	86	131	159	145	14	172	95	1,354
OCTOBER	559	78	123	141	120	19	155	108	1,303
NOVEMBER	612	83	133	134	124	12	211	90	1,399
DECEMBER	663	71	163	140	149	13	197	120	1,516
JANUARY	722	96	138	160	122	25	217	83	1,563
FEBRUARY	587	94	124	146	120	14	193	84	1,362
MARCH	592	109	129	129	104	10	183	95	1,351
APRIL	578	100	119	118	98	8	217	113	1,351
MAY	616	90	139	149	119	15	178	106	1,412
JUNE	550	93	156	158	128	7	179	78	1,349
TOTALS	7,165	1,088	1,603	1,727	1,477	167	2,204	1,137	16,568

* = Includes the 22 aircraft accidents

CASELOAD AND POPULATION RATES

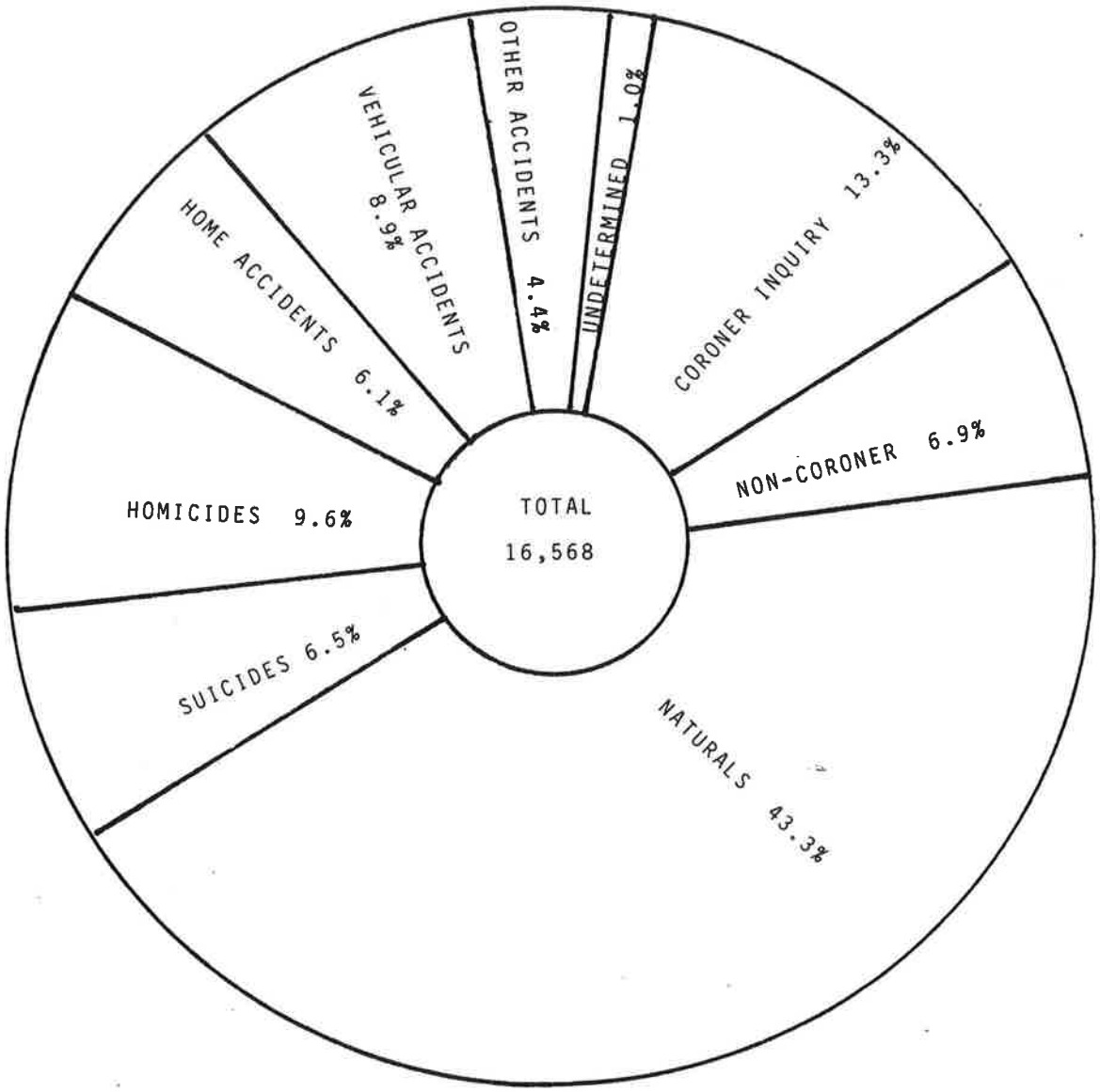
JULY 1, 1979 - JUNE 30, 1980

MODE OF DEATH	TOTAL CASES REPORTED/ INVESTIGATED	PERCENT OF TOTAL	*RATE PER 100,000 POPULATION
NATURAL	7,165	43.25	95.82
SUICIDE	1,088	6.57	14.55
HOMICIDE	1,603	9.67	21.43
ACCIDENT	3,204	19.34	42.85
Home	(1,003)	(6.05)	(13.41)
Vehicle	(1,466)	(8.85)	(19.61)
Occupation	(97)	(0.59)	(1.29)
Therapeutic	(20)	(0.12)	(0.27)
Railway	(11)	(0.07)	(0.15)
Aircraft	(22)	(0.13)	(0.29)
Other	(585)	(3.53)	(7.82)
UNDETERMINED	167	1.01	2.23
CORONER INQUIRY	2,204	13.30	29.48
NON-CORONER	1,137	6.86	15.21
TOTAL	16,568	100.00	221.57

* = Based on the Los Angeles County Population of 7,477,503 residents (January 1, 1979 population estimate Los Angeles County Regional Planning Department/Population and Human Resources)

MEDICAL EXAMINER-CORONER CASELOAD

JULY 1, 1979 - JUNE 30, 1980



TOTAL CASES BY MODE OF DEATH, AGE, AND SEX

JULY 1, 1979 - JUNE 30, 1980

		AGE GROUP										
MODE	SEX	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	UNK	SUB TOTAL	TOTAL
NATURAL	M	264	31	94	203	511	949	1151	1347		4,550	7,165
	F	155	22	54	93	159	334	492	1306		2,615	
	U											
SUICIDE	M		54	216	138	117	98	70	77		770	1,088
	F		10	64	60	63	39	41	41		318	
	U											
HOMICIDE	M	14	210	530	272	157	87	43	29		1,342	1,603
	F	7	47	86	43	28	16	11	22		260	
	U									1	1	
ACCIDENT	M	138	254	554	324	188	198	129	309		2,094	3,204
	F	75	82	162	95	67	95	78	456		1,110	
	U											
Vehicle	M	69	188	348	158	91	77	53	78		1,062	1,477
	F	36	69	103	37	31	36	29	74		415	
	U											
Occupation	M		1	17	15	14	27	13	10		97	97
	F											
	U											
Aircraft	M	1		5	4	6	2				18	22
	F		1	2	1						4	
	U											
Home and Other	M	68	65	184	147	77	92	63	221		917	1,608
	F	39	12	57	57	36	59	49	382		691	
	U											
UNDETERMINED	M	10	6	28	20	14	9	8	4	2	101	167
	F	6	6	17	9	8	7	4	4	2	63	
	U									3	3	
SUBTOTAL	M	426	555	1422	957	987	1341	1401	1766	2	8,857	13,227
	F	243	167	383	300	325	491	626	1829	2	4,366	
	U									4	4	
TOTAL		669	722	1805	1257	1312	1832	2027	3595	8	13,227	

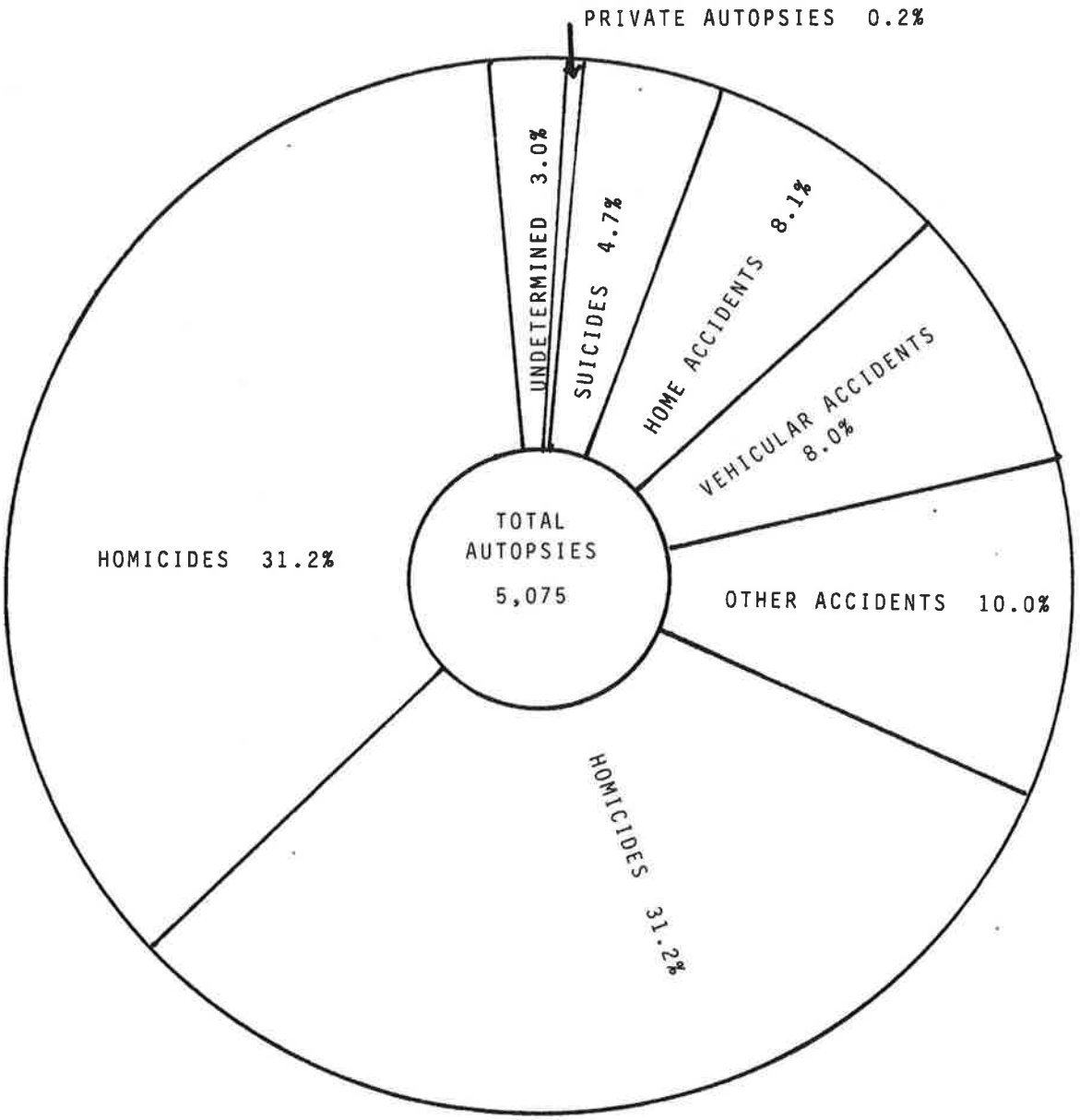
AUTOPSIED CASES BY MODE OF DEATH

JULY 1, 1979 - JUNE 30, 1980

MODE OF DEATH	TOTAL CASES AS CERTIFIED	NUMBER AUTOPSIED	PERCENT AUTOPSIED	PERCENT OF TOTAL AUTOPSIED
NATURAL	7,165	1,766	24.65	34.80
SUICIDE	1,088	237	21.78	4.67
HOMICIDE	1,603	1,585	98.88	31.23
ACCIDENT	3,204	1,325	41.35	26.11
Home	(1,003)	(409)	(40.78)	(8.06)
Vehicle	(1,477)	(408)	(27.62)	(8.04)
Occupation	(97)	(89)	(91.75)	(1.75)
Aircraft	(22)	(14)	(63.64)	(0.28)
Other	(605)	(405)	(66.94)	(7.98)
UNDETERMINED	167	150	89.82	2.95
TOTAL	13,227	5,063	38.28	99.76
Total private autopsies handled in addition to regular caseload.		12		0.24
Total autopsies for the year		5,075		100.00%

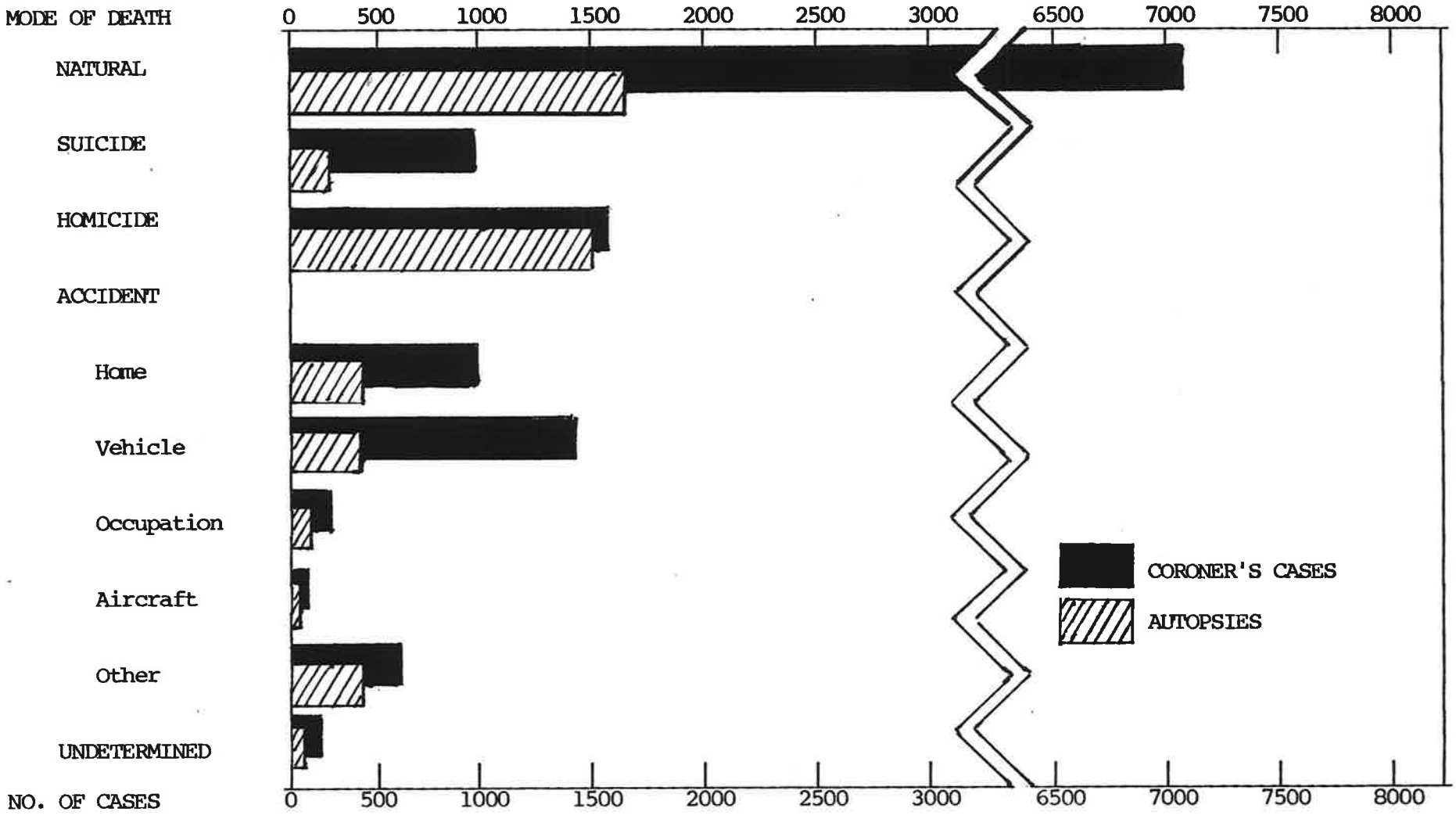
AUTOPSIED CASES BY MODE OF DEATH

JULY 1, 1979 - JUNE 30, 1980



AUTOPSIES AND CORONER'S CASES BY MODE OF DEATH

JULY 1, 1979 - JUNE 30, 1980



DEATH FROM NATURAL CAUSES BY MAJOR GROUP AND SEX

JULY 1, 1979 - JUNE 30, 1980

MAJOR GROUP	NUMBER OF CASES MALE	FEMALE	TOTAL	CASES AUTOPSIED	% OF DISEASE AUTOPSIED	% OF GRAND TOTAL
INFECTIVE AND PARASITIC	22	10	32	28	87.50	0.45
NEOPLASMS	87	85	172	35	20.35	2.40
ENDOCRINE, METABOLIC AND NUTRITIONAL	20	16	36	22	61.11	0.50
BLOOD AND BLOOD FORMING ORGANS	2	4	6	4	66.67	0.08
MENTAL DISORDERS	22	7	29	13	44.83	0.40
NERVOUS SYSTEM AND SENSE ORGAN	23	18	41	27	65.85	0.57
CIRCULATORY SYSTEM	3,727	2,124	5,851	890	15.21	81.66
RESPIRATORY SYSTEM	129	81	210	177	84.29	2.93
DIGESTIVE SYSTEM	252	94	346	161	46.53	4.83
GENITOURINARY SYSTEM	7	9	16	8	50.00	0.22
COMPLICATIONS OF PREGNANCY	—	4	4	4	100.00	0.06
SUBCUTANEOUS TISSUE & SKIN	1	1	2	2	100.00	0.03
MUSCULOSKELETAL SYSTEM	2	4	6	2	33.33	0.08
CONGENITAL ANOMALIES	21	14	35	28	80.00	0.49
EARLY INFANCY MORTALITY	34	23	57	53	92.98	0.80
ILL DEFINED CONDITIONS	52	32	84	74	88.10	1.17
SUDDEN INFANT DEATH SYNDROME (SIDS)	149	89	238	238	100.00	3.32
TOTAL	4,550	2,615	7,167	1,766	24.65	100.00

DEATH FROM NATURAL CAUSES
BY MAJOR GROUP, AGE, AND SEX

JULY 1, 1979 - JUNE 30, 1980

		AGE GROUP									
MAJOR GROUP	SEX	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
INFECTIVE AND PARASITIC	M	8	2	3	2	1	1	3	2	22	32
	F	3	1	2	2	1			1	10	
NEOPLASMS	M	1		3	3	5	19	30	26	87	172
	F		2	2	1	9	21	20	30	85	
ENDOCRINE, METABOLIC AND NUTRITIONAL	M	4		4	5	2	4	1		20	36
	F			3	4	1	2	4	2	16	
BLOOD AND BLOOD FORMING ORGANS	M	1						1		2	6
	F	1	1			2				4	
MENTAL DISORDERS	M			2	5	9	3	3		22	29
	F				1	3	2	1		7	
NERVOUS SYSTEM AND SENSE ORGAN	M	12	3		4	2	1	1		23	41
	F	3	1	1	2	3	2	4	2	18	
CIRCULATORY SYSTEM	M	8	9	42	125	391	820	1051	1281	3727	5,851
	F	6	10	19	47	99	266	436	1241	2124	
RESPIRATORY SYSTEM	M	20	6	8	6	26	25	20	18	129	210
	F	15	4	8	11	8	7	10	18	81	
DIGESTIVE SYSTEM	M	5	2	14	39	69	70	38	15	252	346
	F			5	15	23	30	14	7	94	
GENITOURINARY SYSTEM	M		1		1			1	4	7	16
	F			1	3	1		1	3	9	
COMPLICATIONS OF PREGNANCY	M										4
	F			3	1					4	
SUBCUTANEOUS TISSUE & SKIN	M							1		1	2
	F								1	1	
MUSCULOSKELETAL SYSTEM	M				2					2	6
	F			1			1	1	1	4	
CONGENITAL ANOMALIES	M	13	3	4	1					21	35
	F	7	2	3		2				14	

DEATH FROM NATURAL CAUSES
BY MAJOR GROUP, AGE, AND SEX

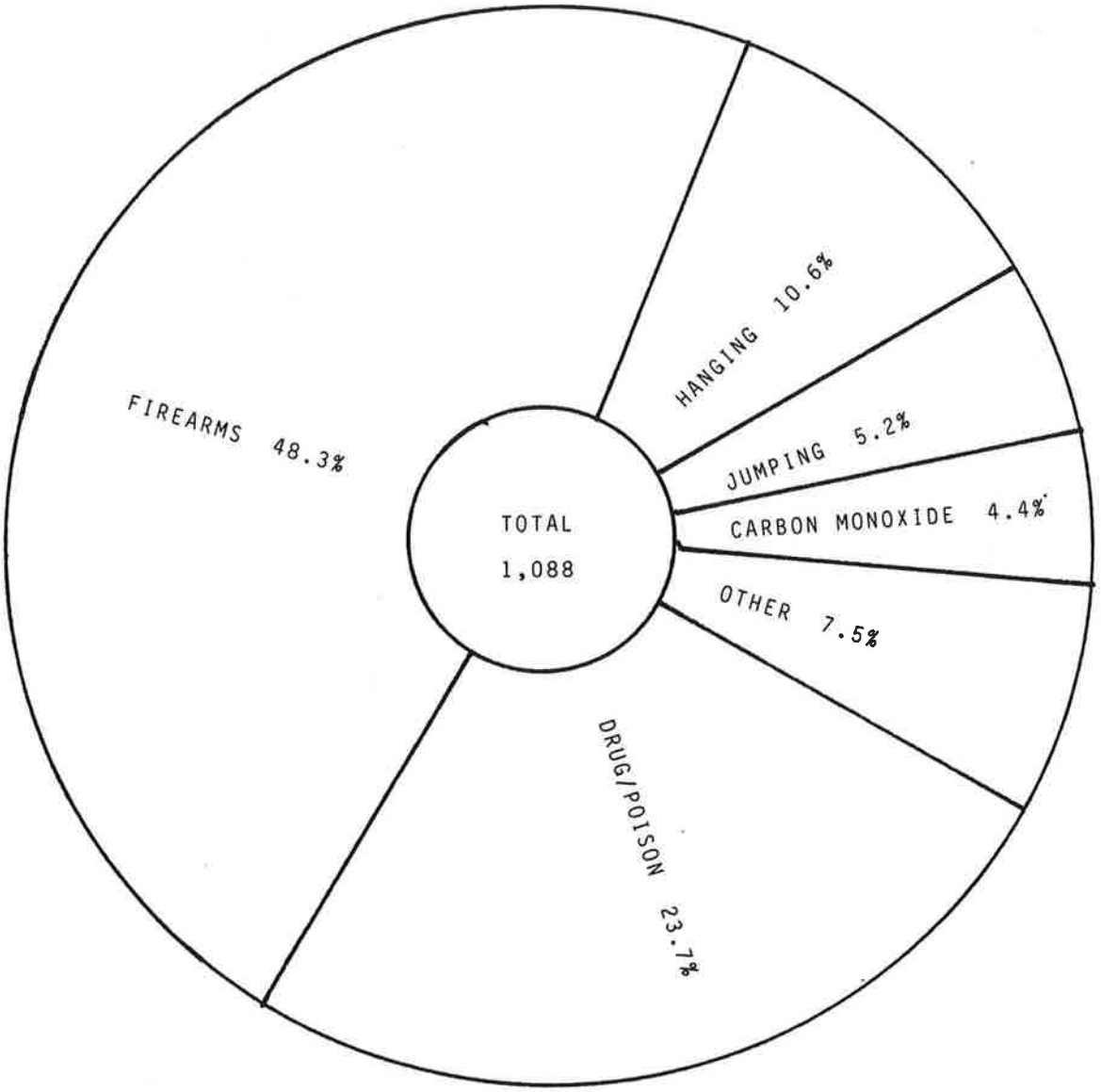
JULY 1, 1979 - JUNE 30, 1980

		AGE GROUP									
MAJOR GROUP	SEX	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
EARLY INFANCY MORTALITY	M	34								34	57
	F	23								23	
ILL DEFINED CONDITIONS	M	9	5	14	10	6	6	1	1	52	84
	F	8	1	6	6	7	3	1		32	
SUDDEN INFANT DEATH SYNDROME (SIDS)	M	149								149	238
	F	89								89	
SUB TOTAL	M	264	31	94	203	511	949	1151	1347	4550	7,165
	F	155	22	54	93	159	334	492	1306	2615	
TOTAL		419	53	148	296	670	1283	1643	2653	7165	

SUICIDE BY METHOD

JULY 1, 1979 - JUNE 30, 1980

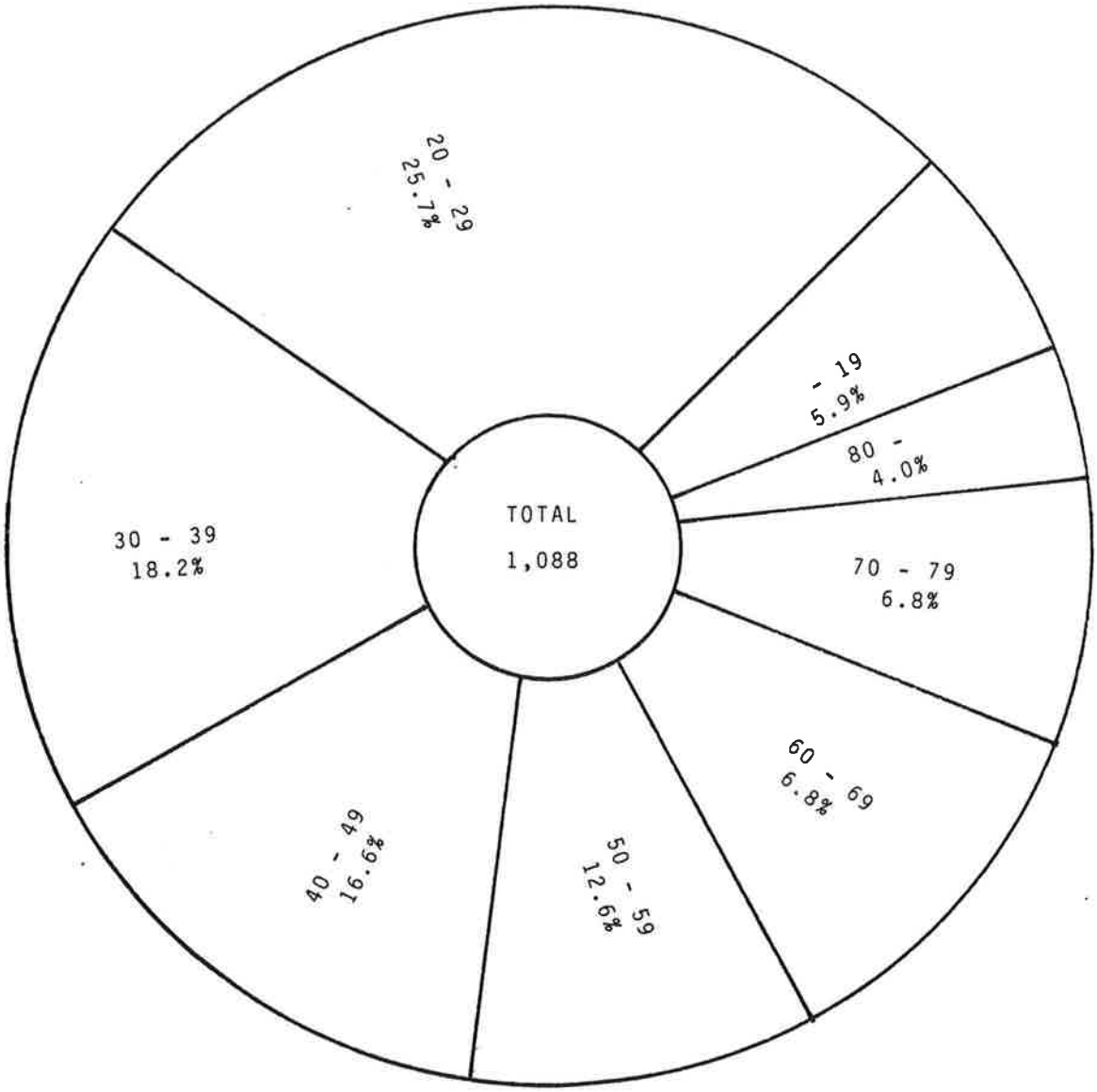
Firearm	526
Drug/Poison	258
Hanging	118
Jumping	56
Carbon Monoxide	48
Other	82
TOTAL	1,088



SUICIDE BY AGE GROUP

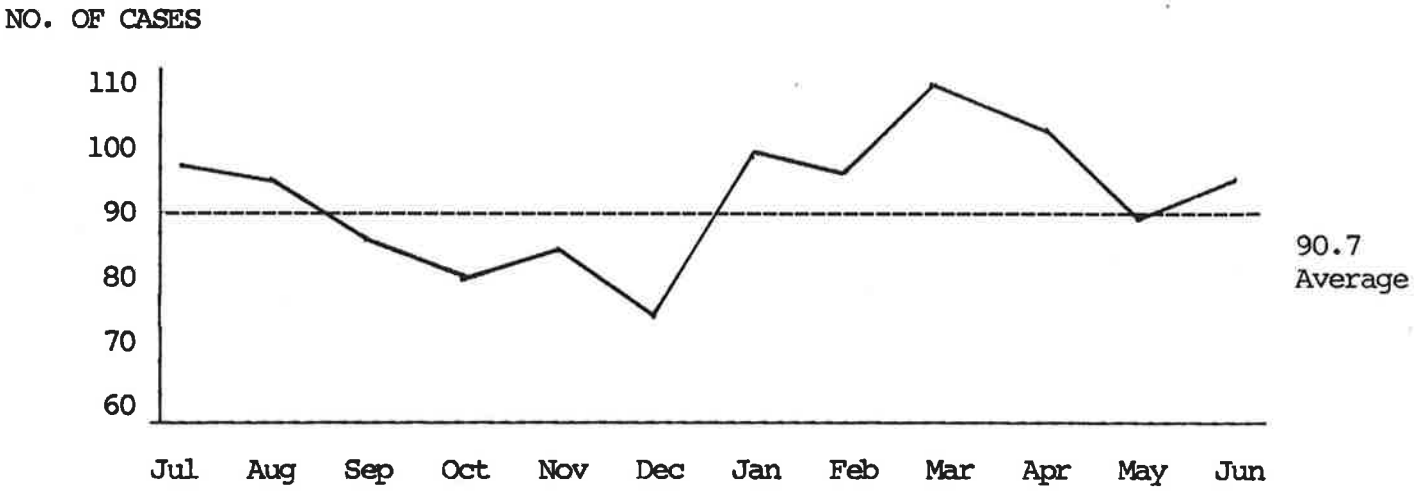
JULY 1, 1979 - JUNE 30, 1980

0- 9	
10-19	64
20-29	280
30-39	198
40-49	180
50-59	137
60-69	111
70-79	74
80-	44
TOTAL	1,088



SUICIDE BY MONTH

JULY 1, 1979 - JUNE 30, 1980



SUICIDE BY TYPE, AGE, AND SEX

JULY 1, 1979 - JUNE 30, 1980

		AGE GROUP									
TYPE	SEX	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-	SUB TOTAL	TOTAL
FIREARMS	M		32	126	76	54	57	44	33	11	433	526
	F		4	21	16	22	14	10	5	1	93	
DRUGS	M		4	28	19	30	7	6	8	4	106	250
	F		5	30	34	26	15	18	8	8	144	
POISONS	M		1	1	1	2	1				6	8
	F						1	1			2	
HANGING	M		14	24	15	14	13	9	4	3	96	118
	F		1	3	2	6	1	3	5	1	22	
JUMPING	M		2	10	6	4	8	1	3	2	36	56
	F			7	3	2	1	4	1	2	20	
CARBON MONOXIDE/ AUTO	M			8	7	8	6	3		1	33	44
	F			1	3	2	1	2	1	1	11	
CARBON MONOXIDE/ OTHER	M			1	3						4	4
	F											
DROWNING	M			2	1		3	1	1	1	9	15
	F					1	2			3	6	
SUFFOCATION	M			1	1	1	1	1	1	2	8	16
	F					1	1	2	1	3	8	
SHARP INSTRUMENT	M			8	5	2	2	4	1	1	23	27
	F			1	1	1		1			4	
BURN	M			3		1		1			5	10
	F					2	2		1		5	
VEHICLE INVOLVED	M		1	1	3				1		6	8
	F				1		1				2	
OTHER	M			3	1	1					5	6
	F			1							1	
SUB TOTAL	M		54	216	138	117	98	70	52	25	770	1,088
	F		10	64	60	63	39	41	22	19	318	
TOTAL			64	280	198	180	137	111	74	44	1,088	

SUICIDE BY ETHNIC GROUP, TYPE, AND SEX

JULY 1, 1979 - JUNE 30, 1980

		ETHNIC GROUP							
TYPE	SEX	WHITE	SPANISH SURNAME	BLACK	JAPANESE	CHINESE	OTHER	SUB TOTAL	TOTAL
FIREARMS	M	346	30	52	4		1	433	526
	F	78	2	10	1	1	1	93	
DRUGS	M	93	2	10	1			106	250
	F	124	3	13		1	3	144	
POISONS	M	5		1				6	8
	F	2						2	
HANGING	M	72	9	6	1	1	7	96	118
	F	12	2	1		5	2	22	
JUMPING	M	31	2	2	1			36	56
	F	15	1	4				20	
CARBON MONOXIDE/ AUTO	M	30		2			1	33	44
	F	10	1					11	
CARBON MONOXIDE/ OTHER	M	4						4	4
	F								
DROWNING	M	8					1	9	15
	F	6						6	
SUFFOCATION	M	8						8	16
	F	8						8	
SHARP INSTRUMENT	M	19	1	2	1			23	27
	F	2		1		1		4	
BURN	M	4			1			5	10
	F	5						5	
VEHICLE INVOLVED	M	4	1		1			6	8
	F	2						2	
OTHER	M	4	1					5	6
	F	1						1	
SUB TOTAL	M	628	46	75	10	1	10	770	1,088
	F	265	9	29	1	8	6	318	
TOTAL		893	55	104	11	9	16	1088	

SUICIDES BY ETHNIC GROUP, AGE, AND SEX

JULY 1, 1979 - JUNE 30, 1980

ETHNIC GROUP	SEX	AGE GROUP 0-19	20-29	30-39	40-49	50-59	60-69	70-79	80-	SUB TOTAL	TOTAL
WHITE	M	45	159	110	94	86	64	49	21	628	893
	F	5	47	45	53	39	39	18	19	265	
SPANISH SURNAME	M	5	23	9	2	3	2	2		46	55
	F	2	1	1	5					9	
BLACK	M	2	27	15	20	6	3	1	1	75	104
	F	2	15	9	2		1			29	
JAPANESE	M	2	4	1		2			1	10	11
	F				1					1	
CHINESE	M						1			1	9
	F			2	2		1	3		8	
KOREAN	M		1	1	1					3	5
	F		1	1						2	
IRANIAN	M										
	F										
VIETNAMESE	M		2	1						3	3
	F										
AMERICAN INDIAN	M										
	F										
INDIA INDIAN	M										
	F			1						1	1
FILIPINO	M								2	2	4
	F			1				1		2	
CAMBODIAN	M										
	F	1								1	1
OTHER ASIAN	M					1				1	1
	F										
UNKNOWN	M			1						1	1
	F										
SUB TOTAL	M	54	216	138	117	98	70	52	25	770	1,088
	F	10	64	60	63	39	41	22	19	318	
TOTAL		64	280	198	180	137	111	74	44	1,088	

SUICIDE DRUG DEATHS BY TYPE, AGE, AND SEX

JULY 1, 1979 - JUNE 30, 1980

TYPE DRUGS	SEX	AGE GROUP 0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
BARBITURATES	M		1	4	7	9	3	4	6	34	78
	F		1	4	9	5	6	8	11	44	
NARCOTICS	M										
	F										
COMBINED BARBITURATES AND NARCOTICS	M				1					1	1
	F										
ANALGESICS	M		1	3	1	7			3	15	30
	F		1	6	2	5		1		15	
ANESTHETICS	M			1	1	4		1		7	13
	F			2	1	3				6	
HYPNOTICS, SEDATIVES, AND TRANQUILIZERS	M			2	4	4	2		1	13	30
	F		1	2	4	2	5	1	2	17	
STIMULANTS AND ANTIDEPRESSANTS	M			5	3	2	1	1		12	36
	F		2	5	10	5	2			24	
MULTIPLE DRUGS	M		1	11	1	4	1		2	20	53
	F			8	8	5	1	8	3	33	
OTHER DRUGS	M		1	1	1					3	6
	F			2		1				3	
UNKNOWN DRUGS	M			1						1	3
	F			1			1			2	
ETHANOL ONLY	M										
	F										
POISONS	M		1	1	1	2	1			6	8
	F						1	1		2	
SUB TOTAL	M		5	29	20	32	8	6	12	112	258
	F		5	30	34	26	16	19	16	146	
TOTAL			10	59	54	58	24	25	28	258	

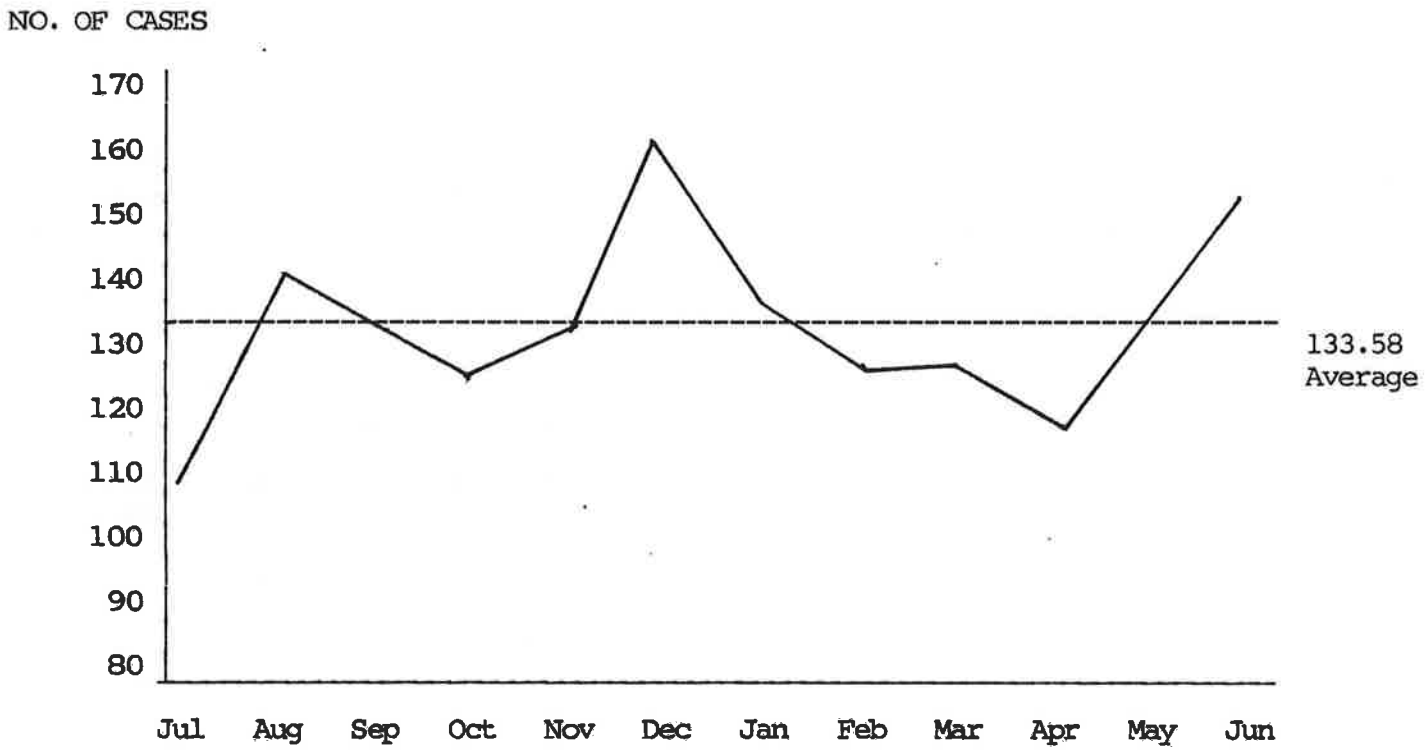
SUICIDE DRUG DEATHS BY ETHNIC GROUP, TYPE, AND SEX

JULY 1, 1979 - JUNE 30, 1980

TYPE DRUGS	SEX	ETHNIC GROUP WHITE	SPANISH SURNAME	BLACK	JAPANESE	CHINESE	OTHER	SUB TOTAL	TOTAL
BARBITURATES	M	29	1	3	1			34	78
	F	41		2			1	44	
NARCOTICS	M								
	F								
COMBINED BARBITURATES AND NARCOTICS	M	1						1	1
	F								
ANALGESICS	M	12		3				15	30
	F	10	1	2		1	1	15	
ANESTHETICS	M	6	1					7	13
	F	4		2				6	
HYPNOTICS, SEDATIVES, AND TRANQUILIZERS	M	11		2				13	30
	F	17						17	
STIMULANTS AND ANTIDEPRESSANTS	M	12						12	36
	F	19	1	3			1	24	
MULTIPLE DRUGS	M	18		2				20	53
	F	29	1	3				33	
OTHER DRUGS	M	3						3	6
	F	2		1				3	
UNKNOWN DRUGS	M	1						1	3
	F	2						2	
ETHANOL ONLY	M								
	F								
POISONS	M	5		1				6	8
	F	2						2	
SUB TOTAL	M	98	2	11	1			112	258
	F	126	3	13		1	3	146	
TOTAL		224	5	24	1	1	3	258	

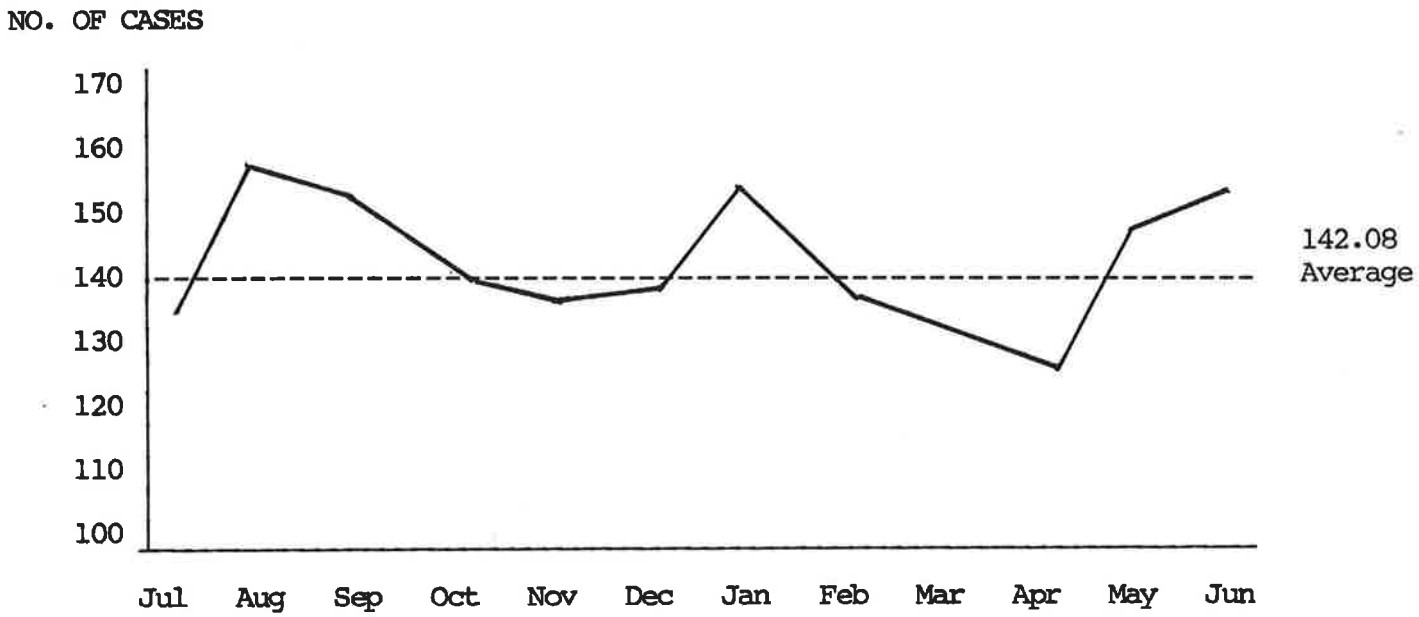
HOMICIDE BY MONTH

JULY 1, 1979 - JUNE 30, 1980



ACCIDENTS BY MONTH

JULY 1, 1979 - JUNE 30, 1980



ACCIDENTAL DEATHS BY LOCATION AND TYPE

JULY 1, 1979 - JUNE 30, 1980

TYPE OF ACCIDENT	HOME	OCCUPATION	OTHER LOCATION	TOTAL
ASPIRATION/FOOD	47		29	76
ASPIRATION/FOREIGN BODY	5		1	6
MECHANICAL SUFFOCATION	8		2	10
HANGING	8		2	10
STRUCK BY OBJECT	1	5	2	8
CRUSHED BY OBJECT	7	23	7	37
BURNS	92	3	13	108
CARBON MONOXIDE	7		3	10
FALL	481	19	189	689
DROWNING	105		104	209
ELECTROCUTION	2	5	4	11
EXPLOSION	5	10	8	23
CUT OR PUNCTURE	7	1	2	10
FIREARMS	17		9	26
BLUNT FORCE	5	1	41	47
DRUGS	178		114	292
POISON	5	1	2	8
THERAPEUTIC			20	20
INDUSTRIAL FUMES/DUST		18		18
OTHER	23	11	53	87
TOTAL	1,003	97	605	1,705

ACCIDENTAL DEATHS BY TYPE, AGE, AND SEX

JULY 1, 1979 - JUNE 30, 1980

TYPE	SEX	AGE GROUP 0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
ASPIRATION/ FOOD	M	4	3	6	2	5	5	6	20	51	76
	F	4				1	1	6	13	25	
ASPIRATION/ FOREIGN BODY	M	3								3	6
	F	2					1			3	
MECHANICAL SUFFOCATION	M	5			1					6	10
	F	3	1							4	
HANGING	M	1	3	2	2		1			9	10
	F	1								1	
STRUCK BY OBJECT	M		1		2	1	1	3		8	8
	F										
CRUSHED BY OBJECT	M	1	3	9	6	8	3	3	1	34	37
	F	1						1	1	3	
BURNS	M	5	1	9	6	8	10	6	12	57	108
	F	4	2	8	5	4	5	5	18	51	
CARBON MONOXIDE	M			2		1	2	1		6	10
	F		1	1		1			1	4	
FALL	M	8	7	14	17	22	48	31	168	315	689
	F	2	1	1	7	4	17	21	321	374	
DROWNING	M	28	18	57	25	9	6	2	7	152	209
	F	17	4	9	7	2	6	2	10	57	
ELECTROCUTION	M		2	3		1	3		1	10	11
	F					1				1	
EXPLOSION	M	2		2	2	3	4	3	2	18	23
	F		1	1			2		1	5	
CUT OR PUNCTURE	M		1	1	1	2	2	1		8	10
	F							2		2	
FIREARM	M	2	11	4	2	3	1			23	26
	F			1	1			1		3	
BLUNT FORCE	M	3		7	8	4	9	2	2	35	47
	F				1	2	1	2	6	12	
DRUGS	M		9	71	73	18	11	6		188	292
	F	2	1	29	31	19	16	4	2	104	

ACCIDENTAL DEATHS BY TYPE, AGE, AND SEX

JULY 1, 1979 - JUNE 30, 1980

TYPE	SEX	AGE GROUP 0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
POISONS	M	1	2	1	2	1			1	8	8
	F										
THERAPEUTIC	M	1		1	2	1		2	2	9	20
	F		1	3	2	1	2		2	11	
INDUSTRIAL FUMES/DUST	M					1	5	4	8	18	18
	F										
OTHER	M	4	5	12	11	3	8	6	7	56	87
	F	3		4	3	1	8	5	7	31	
SUB TOTAL	M	68	66	201	162	91	119	76	231	1,014	1,705
	F	39	12	57	57	36	59	49	382	691	
TOTAL		107	78	258	219	127	178	125	613	1,705	

OCCUPATIONAL ACCIDENTAL DEATHS BY TYPE, AGE, AND SEX

JULY 1, 1979 - JUNE 30, 1980

TYPE	SEX	AGE GROUP 0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
ASPIRATION/ FOOD	M										
	F										
ASPIRATION/ FOREIGN BODY	M										
	F										
MECHANICAL SUFFOCATION	M										
	F										
HANGING	M										
	F										
STRUCK BY OBJECT	M				2	1	1	1		5	5
	F										
CRUSHED BY OBJECT	M		1	6	4	7	3	1	1	23	23
	F										
BURNS	M			1	1		1			3	3
	F										
CARBON MONOXIDE	M										
	F										
FALL	M			2	4	1	8	4		19	19
	F										
DROWNING	M										
	F										
ELECTROCUTION	M			2		1	2			5	5
	F										
EXPLOSION	M			1	1	2	4	2		10	10
	F										
CUT OR PUNCTURE	M					1				1	1
	F										
FIREARM	M										
	F										
BLUNT FORCE	M			1						1	1
	F										

OCCUPATIONAL ACCIDENTAL DEATHS BY TYPE, AGE, AND SEX

JULY 1, 1979 - JUNE 30, 1979

TYPE	SEX	AGE GROUP 0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
DRUGS	M										
	F										
POISONS	M				1					1	1
	F										
THERAPEUTIC	M										
	F										
INDUSTRIAL FUMES/DUST	M					1	5	4	8	18	18
	F										
OTHER	M			4	2		3	1	1	11	11
	F										
SUB TOTAL	M		1	17	15	14	27	13	10	97	97
	F										
TOTAL			1	17	15	14	27	13	10	97	

ACCIDENTAL DROWNING BY LOCATION, AGE, AND SEX

JULY 1, 1979 - JUNE 30, 1980

		AGE GROUP									
LOCATION	SEX	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
SWIMMING POOL	M	25	6	20	10	3	3	1	5	73	100
	F	11	1	6	1	1	3		4	27	
BATHTUB	M	1	2	5	2		1	1	1	13	30
	F	4	2	1	4		1	1	4	17	
OCEAN/ SWIMMING	M		1	9	4	1	1			16	18
	F	1					1			2	
BOAT FATALITY	M			1	1					2	2
	F										
SLIPPED FROM ROCKS/OCEAN	M		1	2	1	1	1			6	8
	F			1				1		2	
RIVER/CREEK	M		2	1	1					4	7
	F		1	1	1					3	
RESERVOIR	M		1	2		1				4	4
	F										
LAKE/POND	M	1	4	4		2			1	12	14
	F	1							1	2	
FELL FROM DOCK OCEAN SHORE	M			1						1	1
	F										
SCUBA	M			3	3					6	7
	F				1					1	
FOUND FLOATING IN OCEAN	M		1	7	3	1				12	13
	F						1			1	
SKIN DIVING	M			1						1	1
	F										
JACUZZI	M										2
	F					1			1	2	
OTHER	M	1		1						2	2
	F										
SUB TOTAL	M	28	18	57	25	9	6	2	7	152	209
	F	17	4	9	7	2	6	2	10	57	
TOTAL		45	22	66	32	11	12	4	17	209	

ACCIDENTAL DRUG DEATHS BY TYPE, AGE, AND SEX

JULY 1, 1979 - JUNE 30, 1980

TYPE DRUGS	SEX	AGE GROUP 0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
BARBITURATES	M		2	6	6	1				15	29
	F			6	3	2	1	1	1	14	
NARCOTICS	M		1	18	22	3	1			45	57
	F			6	5		1			12	
COMBINED NARCOTIC AND BARBITURATE	M			1		1				2	5
	F			2		1				3	
ANALGESICS	M		1	14	12	5	2			34	51
	F	1		1	5	5	3	2		17	
ANESTHETICS	M		3	2	2	1	2			10	12
	F			1			1			2	
HYPNOTICS, SEDATIVES AND TRANQUILIZERS	M			6	5	2		1		14	19
	F				2		2		1	5	
STIMULANTS AND ANTIDEPRESSANTS	M			5	3	1				9	21
	F		1	3	4	1	3			12	
MULTIPLE DRUGS	M			14	13	3	1	1		32	57
	F			6	9	7	2	1		25	
OTHER DRUGS	M				1		1	1		3	7
	F	1		1		1	1			4	
UNKNOWN DRUGS	M			2	1					3	5
	F			1	1					2	
ETHANOL ONLY	M		2	3	8	1	4	3		21	29
	F			2	2	2	2			8	
POISONS	M	1	2	1	2	1			1	8	8
	F										
SUB TOTAL	M	1	11	72	75	19	11	6	1	196	300
	F	2	1	29	31	19	16	4	2	104	
TOTAL		3	12	101	106	38	27	10	3	300	

ACCIDENTAL DRUG DEATHS BY ETHNIC GROUP, TYPE, AND SEX

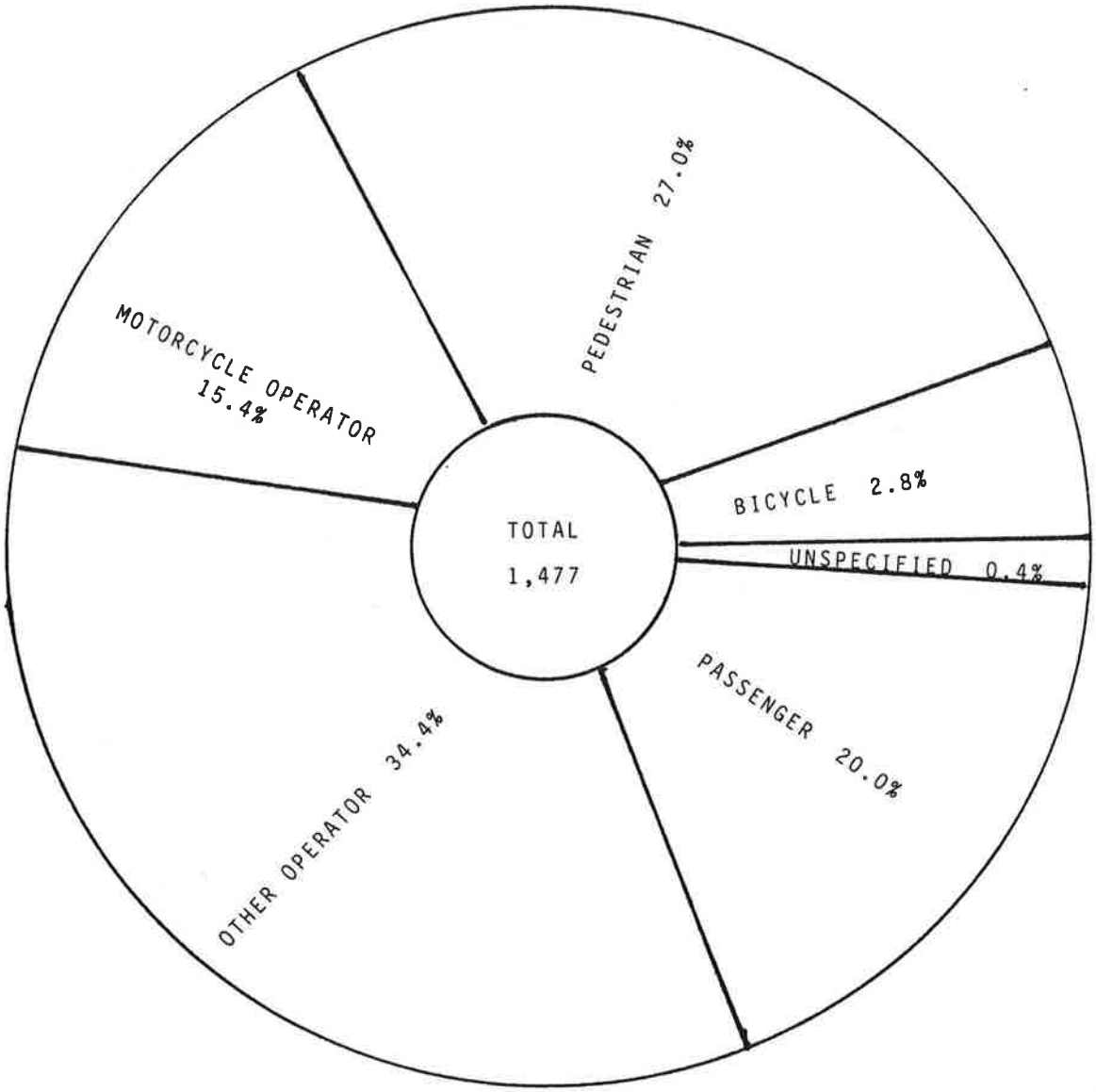
JULY 1, 1979 - JUNE 30, 1980

TYPE DRUGS	SEX	ETHNIC GROUP WHITE	SPANISH SURNAME	BLACK	JAPANESE	CHINESE	OTHER	SUB TOTAL	TOTAL
BARBITURATES	M	10	1	4				15	29
	F	7	1	6				14	
NARCOTICS	M	28	3	14				45	57
	F	6	2	4				12	
COMBINED NARCOTIC AND BARBITURATE	M	1	1					2	5
	F	2		1				3	
ANALGESICS	M	29	2	2			1	34	51
	F	12	1	4				17	
ANESTHETICS	M	5		5				10	12
	F	2						2	
HYPNOTICS, SEDATIVES AND TRANQUILIZERS	M	11		3				14	19
	F	5						5	
STIMULANTS AND ANTIDEPRESSANTS	M	8		1				9	21
	F	9		3				12	
MULTIPLE DRUGS	M	26	2	4				32	57
	F	21	2	2				25	
OTHER DRUGS	M	2		1				3	7
	F	1		3				4	
UNKNOWN DRUGS	M	3						3	5
	F	1			1			2	
ETHANOL ONLY	M	15	4	2				21	29
	F	7		1				8	
POISONS	M	4	2	2				8	8
	F								
SUB TOTAL	M	142	15	38			1	196	300
	F	73	6	24	1			104	
TOTAL		215	21	62	1		1	300	

VEHICLE ACCIDENTS BY CLASSIFICATION OF VICTIM

JULY 1, 1979 - JUNE 30, 1980

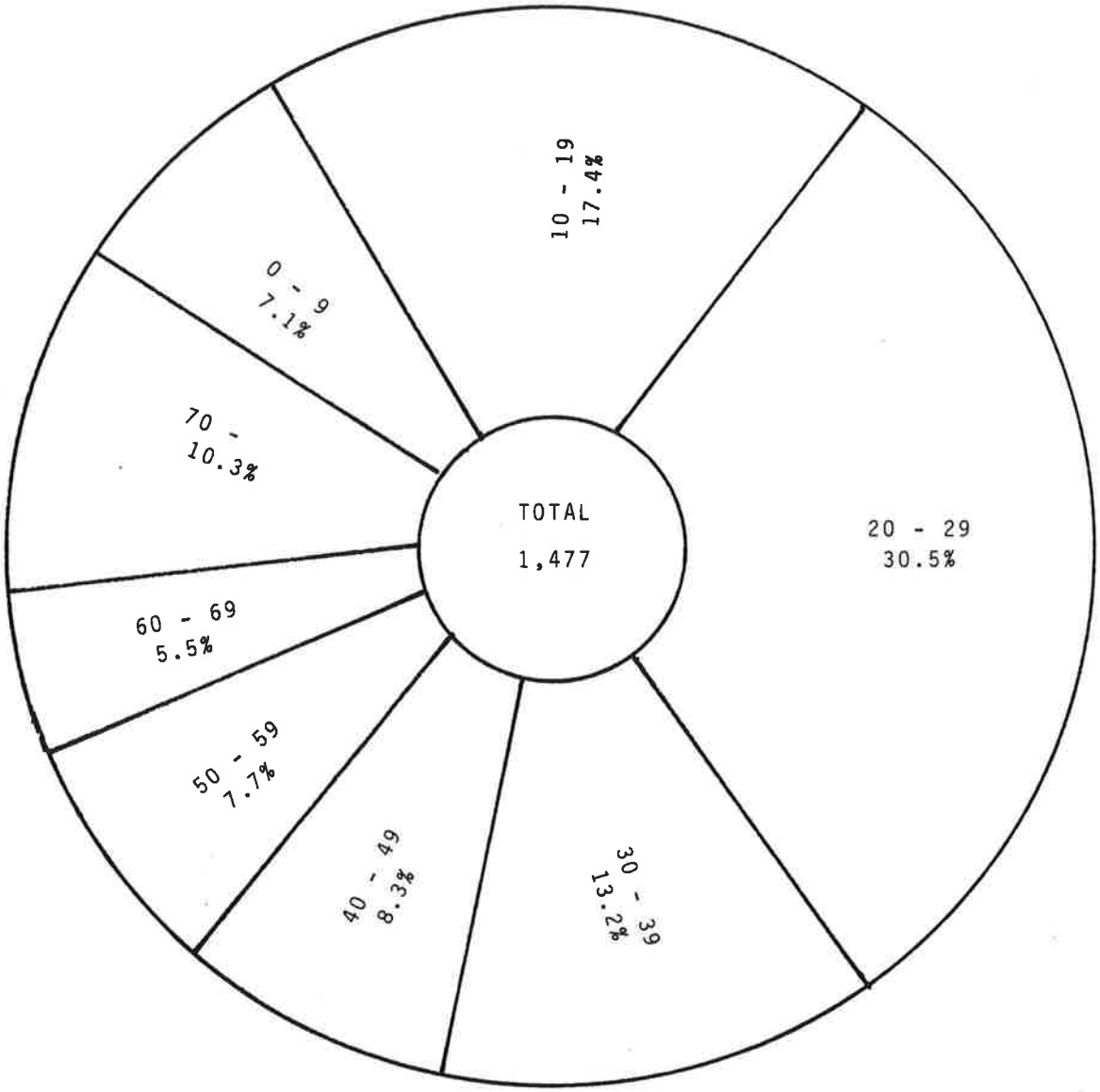
Pedestrian	399
Operator:	
Motorcycle	227
Bicycle	41
Other	508
Passenger	295
Unspecified	7
TOTAL	1,477



VEHICLE ACCIDENTS BY AGE GROUP

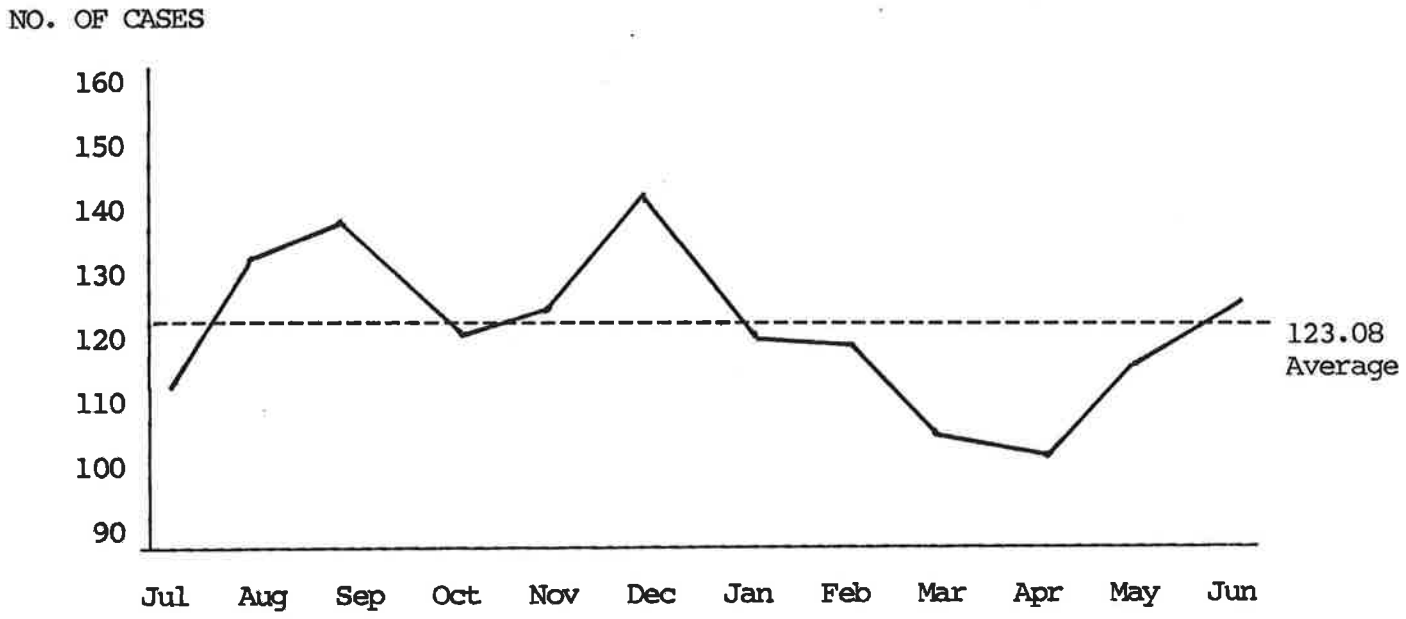
JULY 1, 1979 - JUNE 30, 1980

0- 9	105
10-19	257
20-29	451
30-39	195
40-49	122
50-59	113
60-69	82
70-	152
TOTAL	1,477



VEHICLE ACCIDENTS BY MONTH

JULY 1, 1980 - JUNE 30, 1980



VEHICLE ACCIDENT BY TYPE, AGE, AND SEX

JULY 1, 1979 - JUNE 30, 1980

		AGE GROUP									
TYPE	SEX	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
AUTO VS AUTO	M	6	29	73	40	18	13	17	17	213	351
	F	11	13	40	15	12	13	10	24	138	
AUTO VS BUS, TRUCK	M	1	5	11	5	5	4		2	33	47
	F		2	7	2	1	1	1		14	
AUTO VS TRAIN	M			4	1	1				6	7
	F					1				1	
AUTO VS MOTORCYCLE	M		34	55	13	6	2	1		111	125
	F		8	4	1		1			14	
AUTO OUT OF CONTROL	M	4	39	99	39	24	19	7	10	241	329
	F	3	22	28	8	10	7	3	7	88	
TRUCK VS TRUCK	M	1	4		2	1	2	1		11	14
	F		2	1						3	
TRUCK VS MOTORCYCLE	M		7	11	3		1	1		23	24
	F		1							1	
TRUCK OUT OF CONTROL	M		2	3	2		2	1		10	13
	F			1	1		1			3	
BICYCLE VS AUTO	M	4	10	7	1	3	1		1	27	29
	F	1					1			2	
BICYCLE VS TRUCK, BUS	M		3	1	1	1				6	7
	F		1							1	
BICYCLE OUT OF CONTROL	M		3		1			1		5	6
	F		1							1	
PEDESTRIAN VS AUTO	M	49	18	33	30	21	27	18	44	240	358
	F	19	14	11	6	7	10	15	36	118	
PEDESTRIAN VS BUS	M	1			2		1	2	2	8	9
	F								1	1	
PEDESTRIAN VS TRUCK	M		4	1			2	2	1	10	16
	F	1			1		1		3	6	
PEDESTRIAN VS MOTORCYCLE	M	1			1		1			3	7
	F	1					1		2	4	

VEHICLE ACCIDENT BY TYPE, AGE, AND SEX

JULY 1, 1979 - JUNE 30, 1980

		AGE GROUP									
TYPE	SEX	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
PEDESTRIAN VS TRAIN	M		1	2		1				4	4
	F										
MOTORCYCLE OUT OF CONTROL	M		24	43	15	9	2	1		94	107
	F		2	9	2					13	
OTHER COMBINATIONS	M	2	5	5	2	1		1	1	17	24
	F		3	2	1				1	7	
SUB TOTAL	M	69	188	348	158	91	77	53	78	1,062	1,477
	F	36	69	103	37	31	36	29	74	415	
TOTAL		105	257	451	195	122	113	82	152	1,477	

VEHICLE ACCIDENT BY POSITION IN VEHICLE, AGE, AND SEX

JULY 1, 1979 - JUNE 30, 1980

AGE	SEX	OPERATOR BIKE	OPERATOR OTHER	PAS-SENGER	PEDES-TRIAN	MOTORCYCLE OPERATOR	UNSPEC-IFIED	SUB TOTAL	TOTAL
0 - 9	M	4		14	51			69	105
	F	1		13	22			36	
10-19	M	16	45	43	23	60	1	188	257
	F	2	15	30	15	7		69	
20-29	M	8	146	51	38	104	1	348	451
	F		42	48	11	2		103	
30-39	M	3	70	22	32	30	1	158	195
	F		19	9	7	1	1	37	
40-49	M	3	41	9	22	15	1	91	122
	F		15	8	8			31	
50-59	M	1	34	7	31	4		77	113
	F	1	14	8	12	1		36	
60-69	M	1	22	5	22	3		53	82
	F		8	6	15			29	
70-	M	1	23	6	47		1	78	152
	F		14	16	43		1	74	
SUB TOTAL	M	37	381	157	266	216	5	1,062	1,477
	F	4	127	138	133	11	2	415	
TOTAL		41	508	295	399	227	7	1,477	

VEHICLE ACCIDENT WITH BLOOD ALCOHOL LEVEL BY AGE

JULY 1, 1979 - JUNE 30, 1980

BLOOD ALCOHOL LEVEL	AGE GROUP 0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	TOTAL
Not Tested	101	85	83	38	29	24	27	63	450
Negative	4	101	153	64	43	50	38	79	532
Positive		71	215	93	50	39	17	10	495
0.01% - 0.04%		14	22	6	1	4	4		51
0.05% - 0.09%		18	38	11	7	3	1	4	82
0.10% - 0.14%		15	48	20	10	6	1	4	104
0.15% - 0.19%		13	43	12	10	16	6		100
0.20% - 0.24%		6	35	24	15	7	3	1	91
0.25% - 0.29%		3	19	10	5	2	1		40
0.30% - 0.34%		1	9	4	1	1		1	17
0.35% -		1	1	6	1		1		10
TOTAL TESTS	4	172	368	157	93	89	55	89	1,027
TOTAL CASES	105	257	451	195	122	113	82	152	1,477

VEHICLE ACCIDENT WITH BLOOD ALCOHOL LEVELS BY POSITION IN VEHICLE

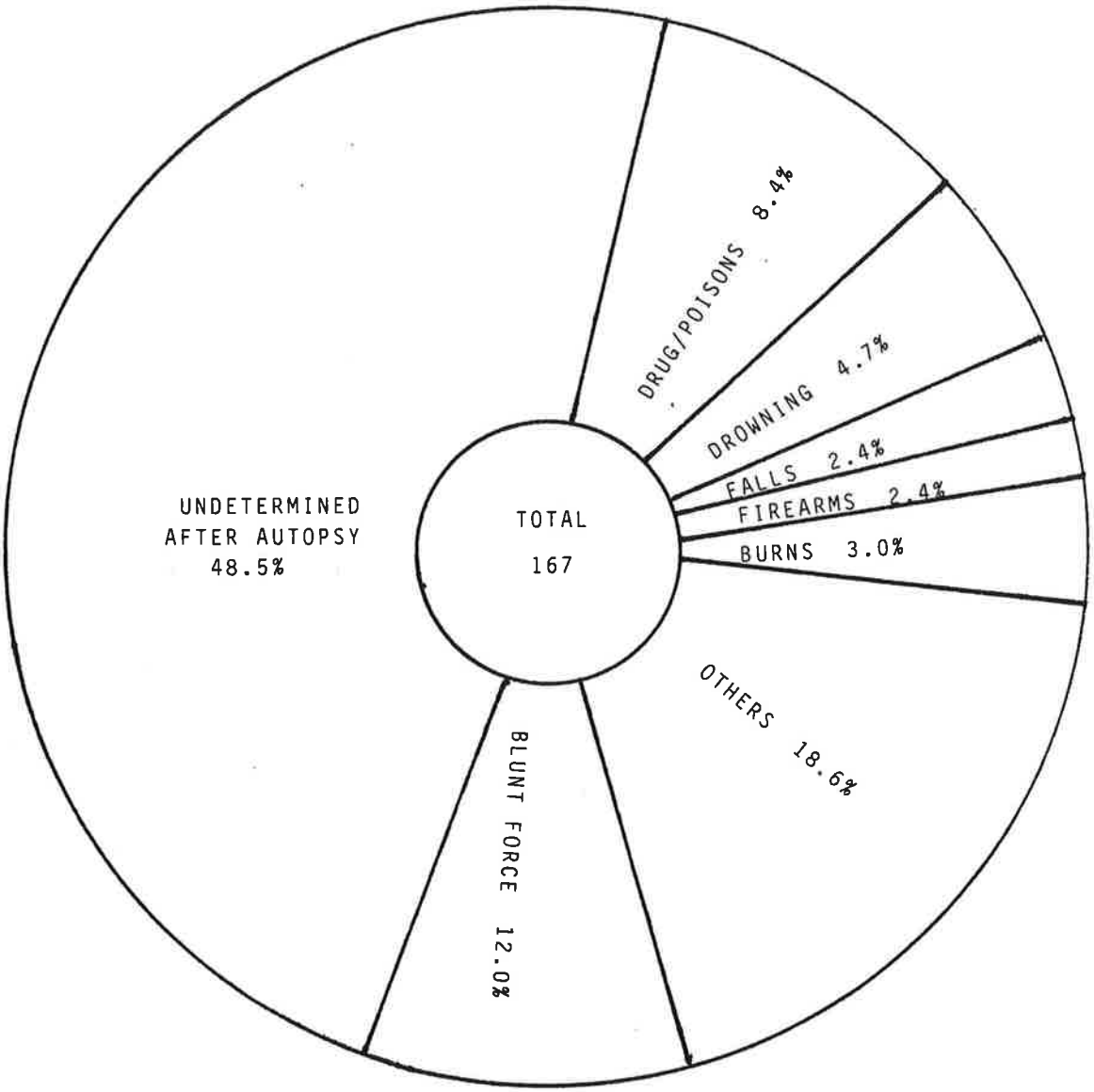
JULY 1, 1979 - JUNE 30, 1980

BLOOD ALCOHOL LEVEL	OPERATOR		PAS-SENGER	PEDES-TRIAN	MOTORCYCLE OPERATOR	UNSPEC-IFIED	TOTAL
	BIKE	OTHER					
Not Tested	25	90	112	165	55	3	450
Negative	10	182	104	143	92	1	532
Positive	6	236	79	91	80	3	495
0.01% - 0.04%	1	21	12	8	8	1	51
0.05% - 0.09%	1	28	18	15	18	2	82
0.10% - 0.14%	2	46	17	17	22		104
0.15% - 0.19%	1	54	10	21	14		100
0.20% - 0.24%		54	12	16	9		91
0.25% - 0.29%	1	19	7	5	8		40
0.30% - 0.34%		9	3	4	1		17
0.35% -		5		5			10
TOTAL TESTS	16	418	183	234	172	4	1,027
TOTAL CASES	41	508	295	399	227	7	1,477

UNDETERMINED MODE OF DEATH BY CAUSE

JULY 1, 1979 - JUNE 30, 1980

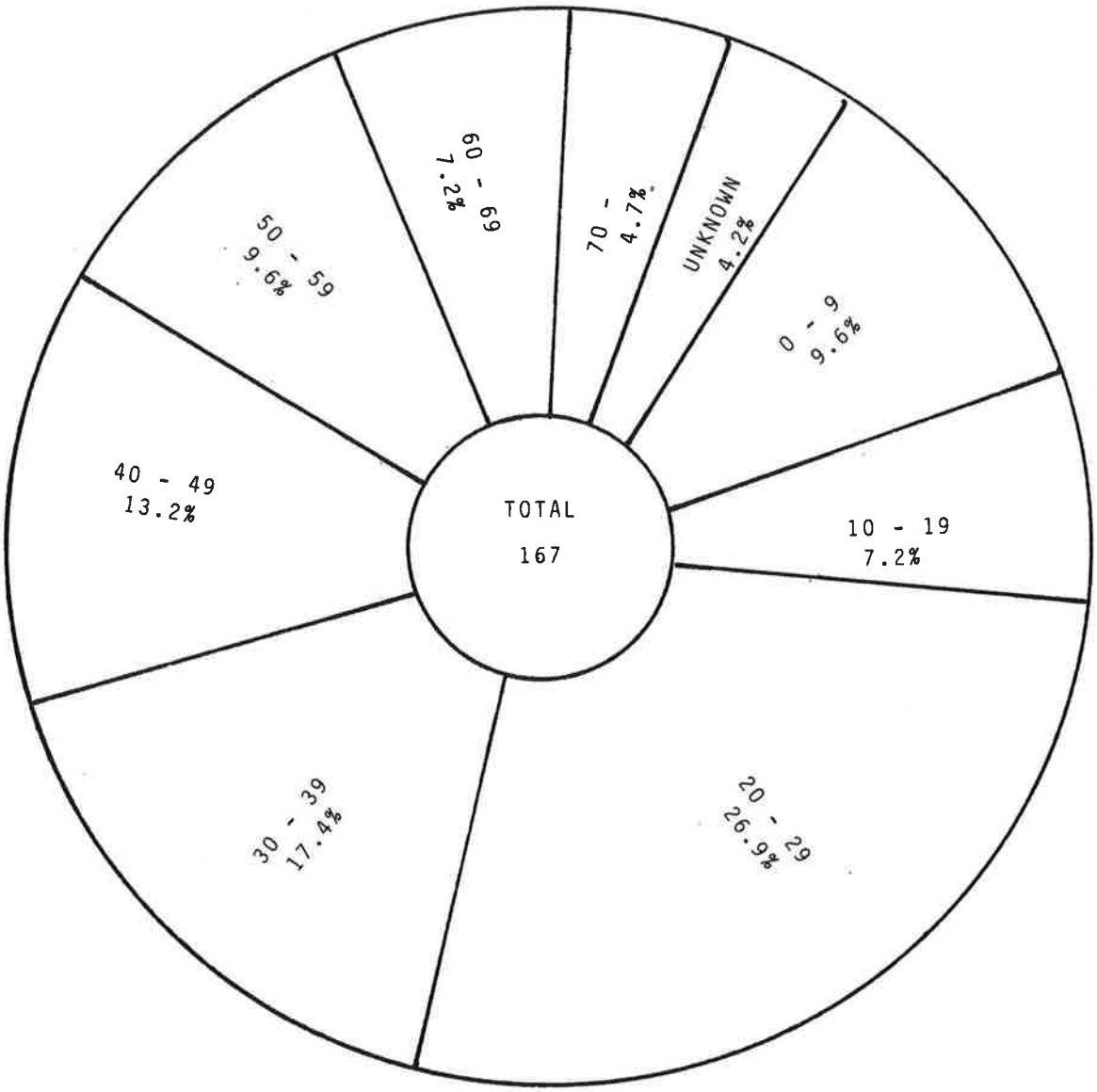
Undetermined after autopsy	81
Blunt Force	20
Drugs/Poisons	14
Drowning	8
Burns	5
Firearms	4
Falls	4
Others	31
TOTAL	167



UNDETERMINED MODE OF DEATH BY AGE GROUP

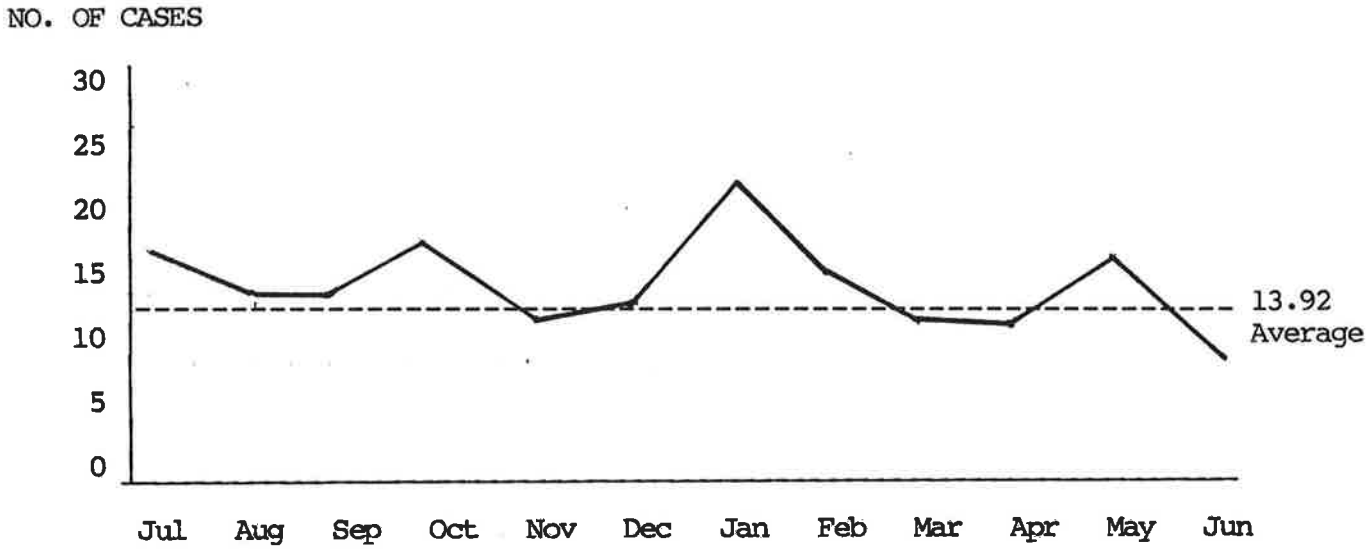
JULY 1, 1979 - JUNE 30, 1980

0- 9	16
10-19	12
20-29	45
30-39	29
40-49	22
50-59	16
60-69	12
70-	8
Unknown	7
TOTAL	167



UNDETERMINED MODE OF DEATH BY MONTH

JULY 1, 1979 - JUNE 30, 1980



UNDETERMINED MODE OF DEATH BY TYPE, AGE, AND SEX

JULY 1, 1979 - JUNE 30, 1980

		AGE GROUP										
TYPE	SEX	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	UNK	SUB TOTAL	TOTAL
DRUGS	M			1	1				1		3	14
	F			2	4	2	2	1			11	
BLUNT FORCE	M			1	2	4	4	2			13	20
	F		1		1	2	2	1			7	
FIREARMS	M			1				1			2	4
	F				1					1	2	
CARBON MONOXIDE	M		1								1	1
	F											
BURNS	M	1	1	1		1					4	5
	F							1			1	
FALL	M			1	1			1			3	4
	F					1					1	
POISON	M											
	F											
SEIZURE DISORDER	M											
	F											
DROWNINGS	M		1	3					1		5	8
	F								3		3	
VEHICLE INVOLVED	M			1							1	2
	F				1						1	
OTHER	M	5	1	2	2	3	1	4	2		20	28
	F	3		2	1	1		1			8	
UNDETERMINED AFTER AUTOPSY	M	4	2	17	14	6	4			2	49	81
	F	3	5	13	1	2	3		1	1	29	
	U									3	3	
SUB TOTAL	M	10	6	28	20	14	9	8	4	2	101	167
	F	6	6	17	9	8	7	4	4	2	63	
	U									3	3	
TOTAL		16	12	45	29	22	16	12	8	7	167	

UNDETERMINED DRUG DEATH BY TYPE, AGE, AND SEX

JULY 1, 1979 - JUNE 30, 1980

TYPE DRUGS	SEX	AGE GROUP 0-9	10-19	20-29	30-39	40-49	50-59	60-69	70+	SUB TOTAL	TOTAL
BARBITURATES	M										4
	F				3	1				4	
NARCOTICS	M								1	1	1
	F										
COMBINED BARBITURATES AND NARCOTICS	M										
	F										
ANALGESICS	M										3
	F				1		1	1		3	
ANESTHETICS	M										
	F										
HYPNOTICS, SEDATIVES, AND TRANQUILIZERS	M										
	F										
STIMULANTS AND ANTIDEPRESSANTS	M			1						1	3
	F					1	1			2	
MULTIPLE DRUGS	M										1
	F			1						1	
OTHER DRUGS	M										
	F										
UNKNOWN DRUGS	M				1					1	2
	F			1						1	
ETHANOL ONLY	M										
	F										
POISONS	M										
	F										
SUB TOTAL	M			1	1				1	3	14
	F			2	4	2	2	1		11	
TOTAL				3	5	2	2	1	1	14	

UNDETERMINED DRUG DEATH BY ETHNIC GROUP, TYPE, AND SEX

JULY 1, 1979 - JUNE 30, 1980

TYPE DRUGS	SEX	ETHNIC GROUP						SUB TOTAL	TOTAL
		WHITE	SPANISH SURNAME	BLACK	JAPANESE	CHINESE	OTHER		
BARBITURATES	M								4
	F	4						4	
NARCOTICS	M	1						1	1
	F								
COMBINED BARBITURATES AND NARCOTICS	M								
	F								
ANALGESICS	M								3
	F	3						3	
ANESTHETICS	M								
	F								
HYPNOTICS, SEDATIVES, AND TRANQUILIZERS	M								
	F								
STIMULANTS AND ANTIDEPRESSANTS	M	1						1	3
	F	1		1				2	
MULTIPLE DRUGS	M								1
	F	1						1	
OTHER DRUGS	M								
	F								
UNKNOWN DRUGS	M	1						1	2
	F			1				1	
ETHANOL ONLY	M								
	F								
POISONS	M								
	F								
SUB TOTAL	M	3						3	14
	F	9		2				11	
TOTAL		12		2				14	

TOTAL DRUG DEATHS BY TYPE, AGE, AND SEX

JULY 1, 1979 - JUNE 30, 1980

TYPE DRUGS	SEX	AGE GROUP 0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
BARBITURATES	M		3	10	13	10	3	4	6	49	111
	F		1	10	15	8	7	9	12	62	
NARCOTICS	M		1	18	22	3	1		1	46	58
	F			6	5		1			12	
COMBINED BARBITURATES AND NARCOTICS	M			1	1	1				3	6
	F			2		1				3	
ANALGESICS	M		2	17	13	12	2		3	49	84
	F	1	1	7	8	10	4	4		35	
ANESTHETICS	M		3	3	3	5	2	1		17	25
	F			3	1	3	1			8	
HYPNOTICS, SEDATIVES, AND TRANQUILIZERS	M			8	9	6	2	1	1	27	49
	F		1	2	6	2	7	1	3	22	
STIMULANTS AND ANTIDEPRESSANTS	M			11	6	3	1	1		22	60
	F		3	8	14	7	6			38	
MULTIPLE DRUGS	M		1	25	14	7	2	1	2	52	111
	F			15	17	12	3	9	3	59	
OTHER DRUGS	M		1	1	2		1	1		6	13
	F	1		3		2	1			7	
UNKNOWN DRUGS	M			3	2					5	10
	F			3	1		1			5	
ETHANOL ONLY	M		2	3	8	1	4	3		21	29
	F			2	2	2	2			8	
POISONS	M	1	3	2	3	3	1		1	14	16
	F						1	1		2	
SUB TOTAL	M	1	16	102	96	51	19	12	14	311	572
	F	2	6	61	69	47	34	24	18	261	
TOTAL		3	22	163	165	98	53	36	32	572	

TOTAL DRUG DEATHS BY ETHNIC GROUP, TYPE, AND SEX

JULY 1, 1979 - JUNE 30, 1980

TYPE DRUGS	SEX	ETHNIC GROUP						SUB TOTAL	TOTAL
		WHITE	SPANISH SURNAME	BLACK	JAPANESE	CHINESE	OTHER		
BARBITURATES	M	39	2	7	1			49	111
	F	52	1	8			1	62	
NARCOTICS	M	29	3	14				46	58
	F	6	2	4				12	
COMBINED BARBITURATES AND NARCOTICS	M	2	1					3	6
	F	2		1				3	
ANALGESICS	M	41	2	5			1	49	84
	F	25	2	6		1	1	35	
ANESTHETICS	M	11	1	5				17	25
	F	6		2				8	
HYPNOTICS, SEDATIVES, AND TRANQUILIZERS	M	22		5				27	49
	F	22						22	
STIMULANTS AND ANTIDEPRESSANTS	M	21		1				22	60
	F	29	1	7			1	38	
MULTIPLE DRUGS	M	44	2	6				52	111
	F	51	3	5				59	
OTHER DRUGS	M	5		1				6	13
	F	3		4				7	
UNKNOWN DRUGS	M	5						5	10
	F	3		1	1			5	
ETHANOL ONLY	M	15	4	2				21	29
	F	7		1				8	
POISONS	M	9	2	3				14	16
	F	2						2	
SUB TOTAL	M	243	17	49	1		1	311	572
	F	208	9	39	1	1	3	261	
TOTAL		451	26	88	2	1	4	572	

FISCAL YEAR

1980 - 1981

CASELOAD BY MONTH

JULY 1, 1980 - JUNE 30, 1981

MONTH	NATURAL	SUICIDE	HOMICIDE	ACCIDENTS EXCLUDING VEHICLE*	VEHICLE ACCIDENTS	UNDETERMINED	INQUIRY	NON-CORONER	TOTALS
JULY	635	76	182	150	124	9	176	83	1,435
AUGUST	597	90	204	165	121	7	157	93	1,434
SEPTEMBER	555	89	170	147	118	13	192	94	1,378
OCTOBER	621	87	154	146	128	6	190	101	1,433
NOVEMBER	603	83	154	159	108	5	165	82	1,359
DECEMBER	892	84	156	164	136	7	294	109	1,842
JANUARY	701	109	120	170	121	2	187	117	1,527
FEBRUARY	581	94	141	111	100	5	210	117	1,359
MARCH	626	89	129	153	106	4	192	106	1,405
APRIL	560	92	125	131	112	13	208	116	1,357
MAY	587	102	127	144	88	8	207	82	1,345
JUNE	573	115	141	198	122	13	232	76	1,470
TOTALS	7,531	1,110	1,803	1,834	1,384	92	2,410	1,176	17,344

* = Includes the 30 aircraft accidents

CASELOAD AND POPULATION RATES

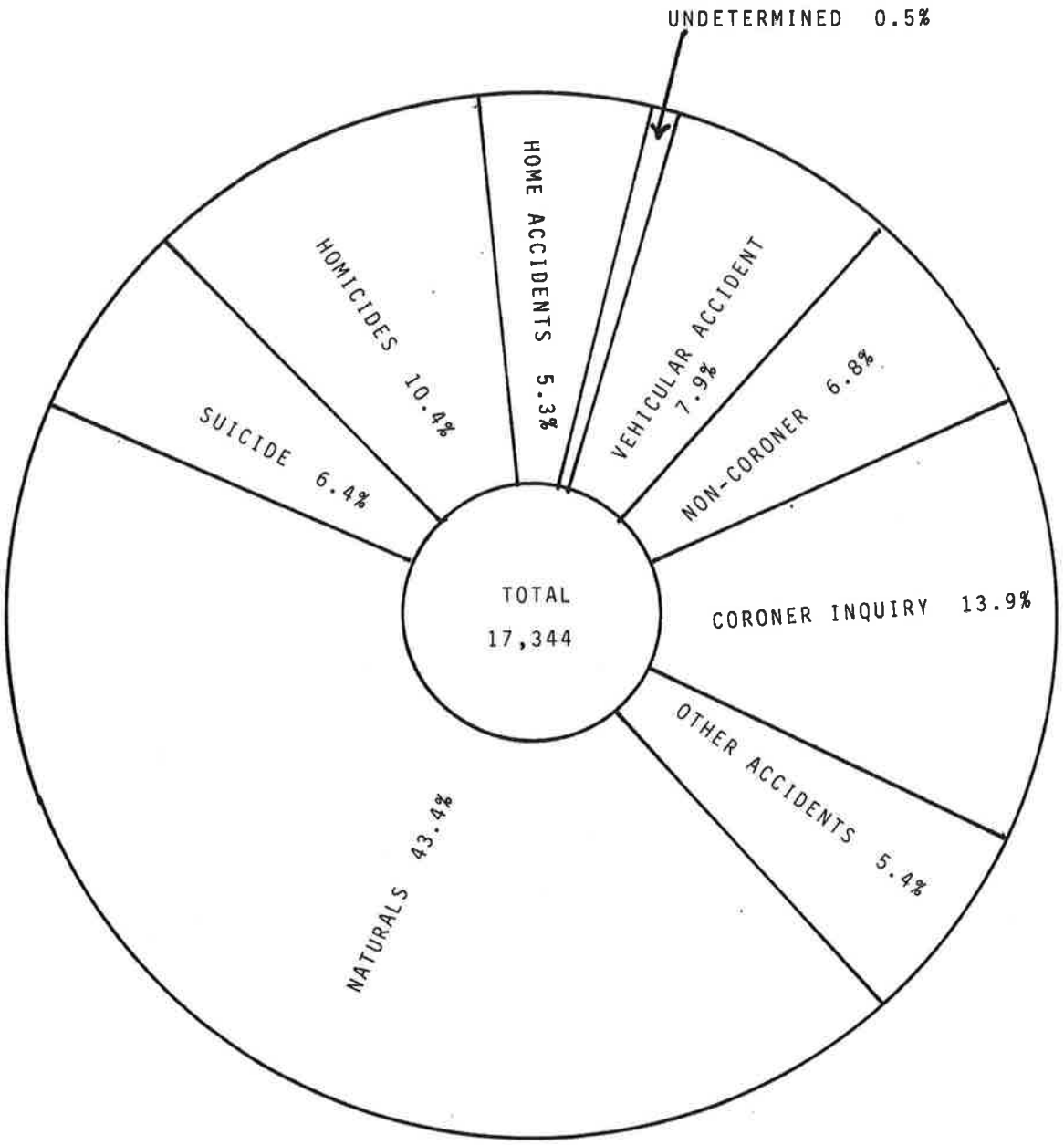
JULY 1, 1980 - JUNE 30, 1981

MODE OF DEATH	TOTAL CASES REPORTED/ INVESTIGATED	PERCENT OF TOTAL	*RATE PER 100,000 POPULATION
NATURAL	7,531	43.42	99.6
SUICIDE	1,110	6.40	14.7
HOMICIDE	1,803	10.40	23.8
ACCIDENT	3,222	18.58	42.6
Home	(1,372)	(5.29)	(12.1)
Vehicle	(1,372)	(7.91)	(18.1)
Occupation	(104)	(0.60)	(1.4)
Therapeutic	(24)	(0.14)	(0.3)
Railway	(12)	(0.07)	(0.2)
Aircraft	(30)	(0.17)	(0.4)
Other	(763)	(4.40)	(0.1)
UNDETERMINED	92	0.53	1.2
CORONER INQUIRY	2,410	13.89	31.9
NON-CORONER	1,176	6.78	15.6
TOTAL	17,344	100.00%	229.4

* = Based on the Los Angeles County Population of 7,562,200 residents (January 1, 1981 population estimate Los Angeles County Regional Planning Department/Population and Human Resources)

MEDICAL EXAMINER-CORONER CASELOAD

JULY 1, 1980 - JUNE 30, 1981



TOTAL CASES BY MODE OF DEATH, AGE, AND SEX

JULY 1, 1980 - JUNE 30, 1981

		AGE GROUP									
MODE	SEX	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	UNK	SUB TOTAL	TOTAL
NATURAL	M	204	22	84	202	463	971	1,177	1,542		4,665	
	F	155	25	65	94	163	346	499	1,519		2,866	7,531
	U											
SUICIDE	M		41	215	170	96	104	70	82		778	
	F		24	55	74	54	57	37	31		332	1,110
	U											
HOMICIDE	M	28	238	547	333	170	124	48	33		1,521	
	F	16	32	102	49	26	22	13	22		282	1,803
	U											
ACCIDENT	M	127	225	592	333	187	201	165	309		2,139	
	F	63	82	139	110	83	88	81	437		1,083	3,222
	U											
Vehicle	M	56	171	345	137	70	74	55	79		987	
	F	33	60	89	47	33	41	36	58		397	1,384
	U											
Occupation	M		4	24	17	9	20	17	8		99	
	F		1		1	1	1		1		5	104
	U											
Aircraft	M	1	1	7	3	1	8		1		22	
	F			4		3	1				8	30
	U											
Home and Other	M	70	49	216	176	107	99	93	221		1,031	
	F	30	21	46	62	46	45	45	378		673	1,704
	U											
UNDETERMINED	M	1	1	14	19	11	6	4	2		58	
	F	3	3	14	7	1	3	1	2		34	92
	U											
SUBTOTAL	M	360	527	1,452	1.057	927	1,406	1,464	1,968		9,161	
	F	237	166	375	334	327	516	631	2,011		4,597	13,758
	U											
TOTAL		597	693	1,827	1,391	1,254	1,922	2,095	3,979		13,758	

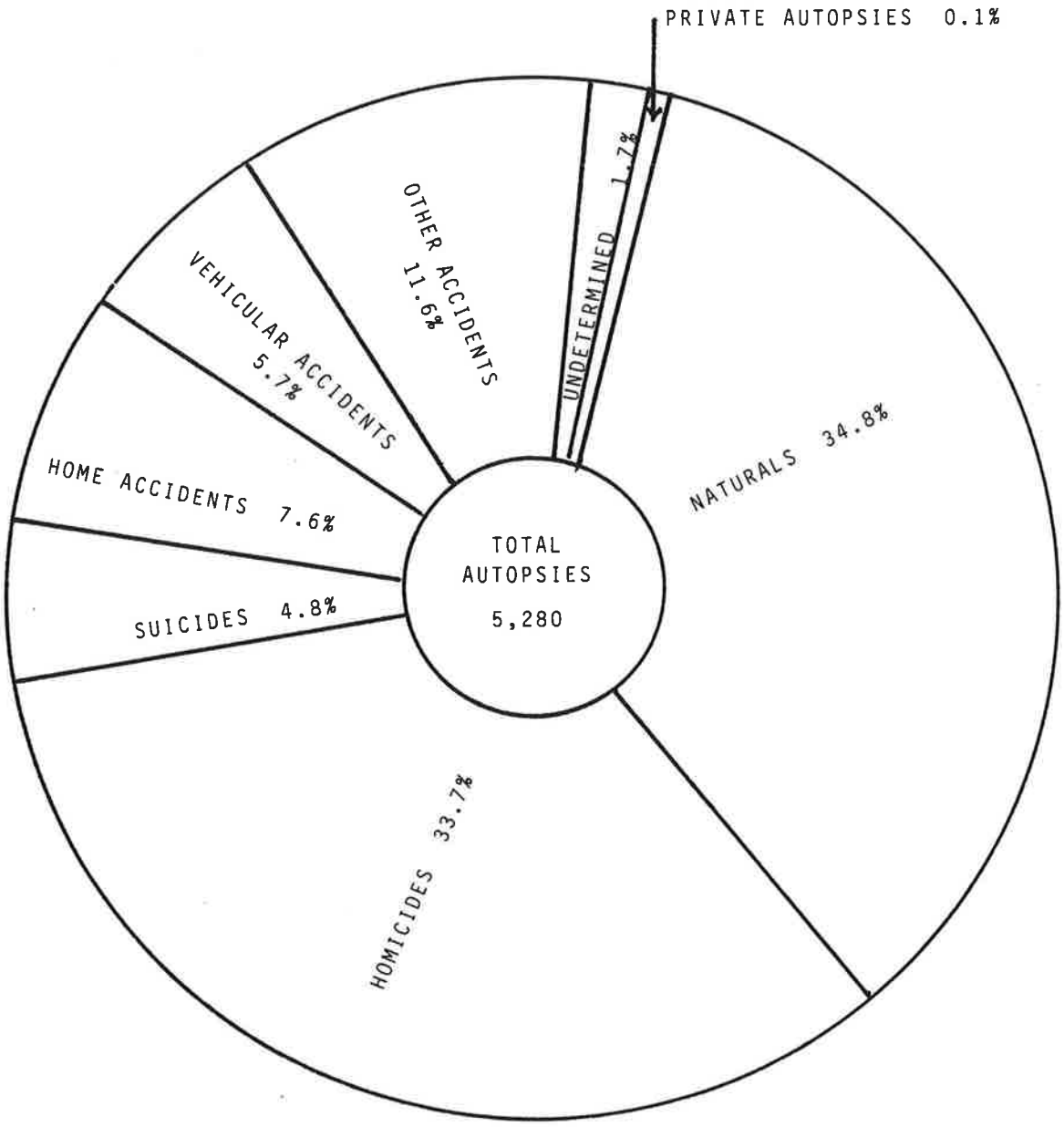
AUTOPSIED CASES BY MODE OF DEATH

JULY 1, 1980 - JUNE 30, 1981

MODE OF DEATH	TOTAL CASES AS CERTIFIED	NUMBER AUTOPSIED	PERCENT AUTOPSIED	PERCENT OF TOTAL AUTOPSIED
NATURAL	7,531	1,837	24.4	34.8
SUICIDE	1,110	253	22.8	4.8
HOMICIDE	1,803	1,779	98.7	33.7
ACCIDENT	3,222	1,316	40.8	24.9
Home	(917)	(402)	(43.8)	(7.6)
Vehicle	(1,384)	(301)	(21.7)	(5.7)
Occupation	(104)	(98)	(94.2)	(1.9)
Aircraft	(30)	(23)	(76.7)	(0.4)
Other	(787)	(492)	(62.5)	(9.3)
UNDETERMINED	92	90	97.8	1.7
TOTAL	13,758	5,275	38.3%	99.9
Total private autopsies handled in addition to regular caseload.		5		0.1
Total autopsies for the year		5,280		100.00%

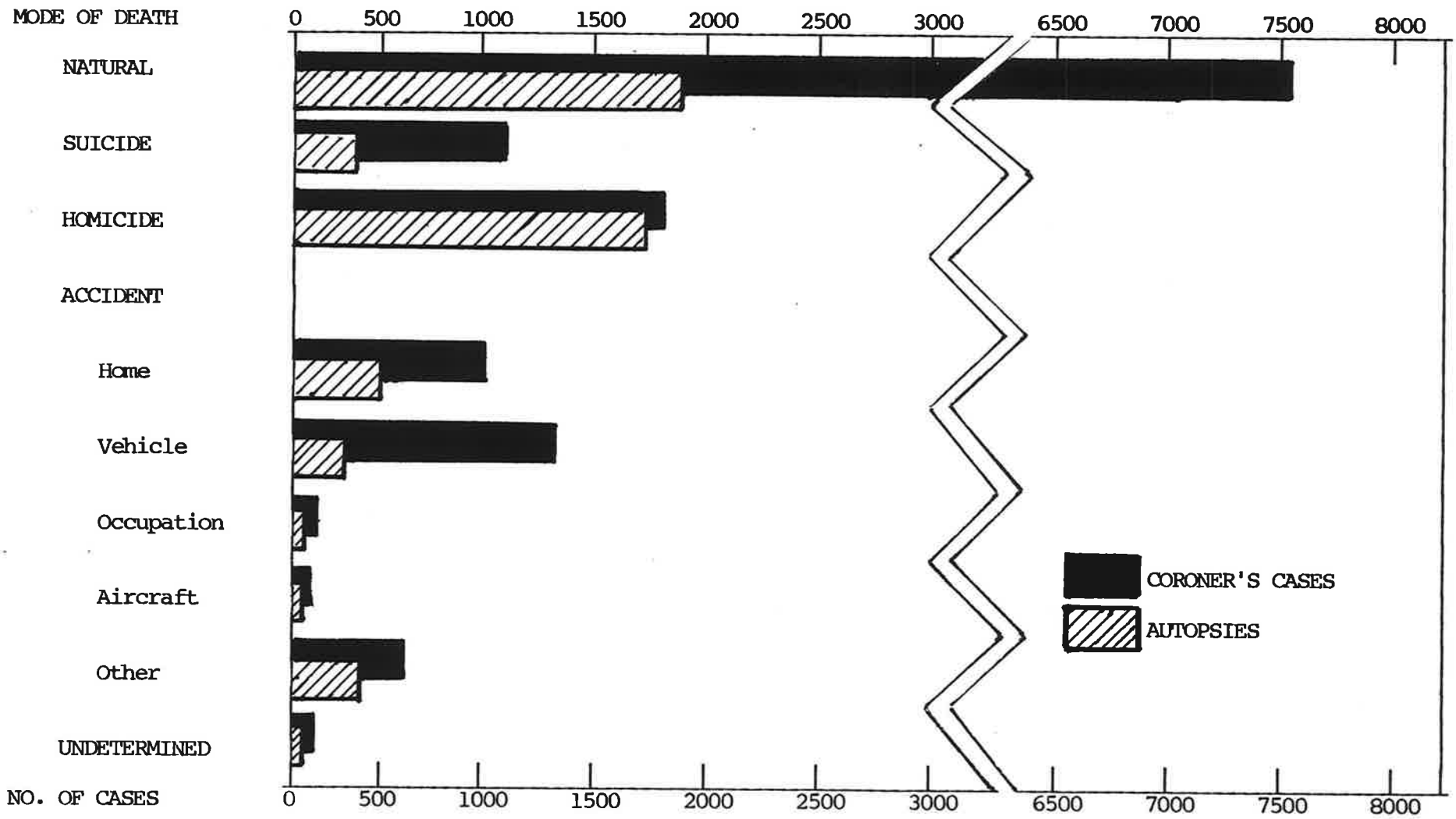
AUTOPSIED CASES BY MODE OF DEATH

JULY 1, 1980 - JUNE 30, 1981



AUTOPSIES AND CORONER'S CASES BY MODE OF DEATH

JULY 1, 1980 - JUNE 30, 1981



DEATH FROM NATURAL CAUSES BY MAJOR GROUP AND SEX

JULY 1, 1980 - JUNE 30, 1981

MAJOR GROUP	NUMBER OF CASES MALE	FEMALE	TOTAL	CASES AUTOPSIED	% OF DISEASE AUTOPSIED	% OF GRAND TOTAL
INFECTIVE AND PARASITIC	16	16	32	28	87.50	0.43
NEOPLASMS	108	79	187	51	27.27	1.48
ENDOCRINE, METABOLIC AND NUTRITIONAL	9	10	19	11	57.89	0.25
BLOOD AND BLOOD FORMING ORGANS	3	3	6	5	83.33	0.08
MENTAL DISORDERS	13	2	15	8	53.33	0.20
NERVOUS SYSTEM AND SENSE ORGAN	43	36	79	64	81.01	1.05
CIRCULATORY SYSTEM	3,793	2,313	6,106	867	14.20	81.08
RESPIRATORY SYSTEM	183	107	290	220	75.86	3.85
DIGESTIVE SYSTEM	288	143	431	241	55.92	5.72
GENITOURINARY SYSTEM	21	6	27	14	51.85	0.36
COMPLICATIONS OF PREGNANCY	-	4	4	4	100.00	0.05
SUBCUTANEOUS TISSUE & SKIN	1	1	2	2	100.00	0.03
MUSCULOSKELETAL SYSTEM	1	-	1	1	100.00	0.01
CONGENITAL ANOMALIES	21	17	38	34	89.47	0.51
EARLY INFANCY MORTALITY	22	21	43	42	97.67	0.57
ILL DEFINED CONDITIONS	21	19	40	36	90.00	0.53
SUDDEN INFANT DEATH SYNDROME (SIDS)	122	89	211	211	100.00	2.80
TOTAL	4,665	2,866	7,531	1,837	24.39	100.00

DEATH FROM NATURAL CAUSES
BY MAJOR GROUP, AGE, AND SEX

JULY 1, 1980 - JUNE 30, 1981

MAJOR GROUP	SEX	AGE GROUP 0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
INFECTIVE AND PARASITIC	M	5	1	1		2	2	2	3	16	
	F	5		3	2	3		1	2	16	32
NEOPLASMS	M	1		2	3	11	22	35	34	108	
	F		2	3	7	5	17	16	29	79	187
ENDOCRINE, METABOLIC AND NUTRITIONAL	M	1	1	1	2	1	1	1	1	9	
	F			3	2	3		1	1	10	19
BLOOD AND BLOOD FORMING ORGANS	M			1	1	1				3	
	F	1	1						1	3	6
MENTAL DISORDERS	M				2	8	2		1	13	
	F						2			2	15
NERVOUS SYSTEM AND SENSE ORGAN	M	7	6	8	7	6	3	3	3	43	
	F	7	4	11	3	4	3	1	3	36	79
CIRCULATORY SYSTEM	M	7	6	28	102	323	822	1,066	1,441	3,793	
	F	2	7	20	38	88	276	441	1,441	2,313	6,106
RESPIRATORY SYSTEM	M	18	5	16	21	31	35	20	37	183	
	F	11	4	9	13	15	11	16	28	107	290
DIGESTIVE SYSTEM	M	2	1	15	54	77	77	45	17	288	
	F	3		10	21	37	38	21	13	143	431
GENITOURINARY SYSTEM	M			2	4	2	5	4	4	21	
	F		1	1	1	1		2		6	27
COMPLICATIONS OF PREGNANCY	M										
	F		1	3						4	4
SUBCUTANEOUS TISSUE & SKIN	M					1				1	
	F				1					1	2
MUSCULOSKELETAL SYSTEM	M	1								1	
	F										1
CONGENITAL ANOMALIES	M	11	1	4	4		1			21	
	F	13	3		1					17	38

DEATH FROM NATURAL CAUSES BY MAJOR GROUP, AGE, AND SEX

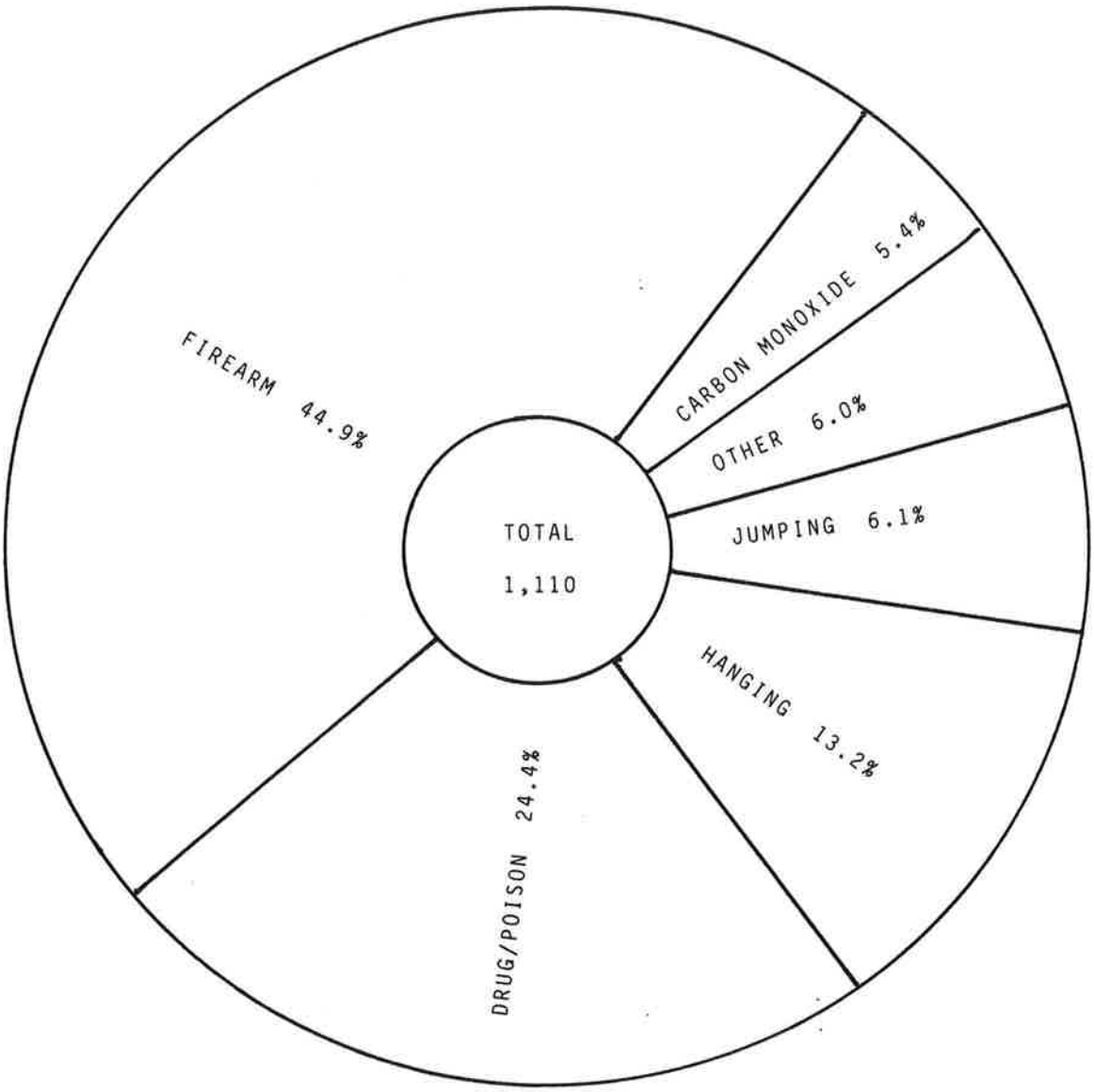
JULY 1, 1980 - JUNE 30, 1981

		AGE GROUP									
MAJOR GROUP	SEX	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
EARLY INFANCY MORTALITY	M	22								22	
	F	21								21	43
ILL DEFINED CONDITIONS	M	8	2	6	2		1	1	1	21	
	F	3	2	2	5	5	1		1	19	40
SUDDEN INFANT DEATH SYNDROME (SIDS)	M	122								122	
	F	89								89	211
SUB TOTAL	M	204	22	84	202	463	971	1,177	1,542	4,665	
	F	155	25	65	94	163	346	499	1,519	2,866	7,531
TOTAL		359	47	149	296	626	1,317	1,676	3,061	7,531	

SUICIDE BY METHOD

JULY 1, 1980 - JUNE 30, 1981

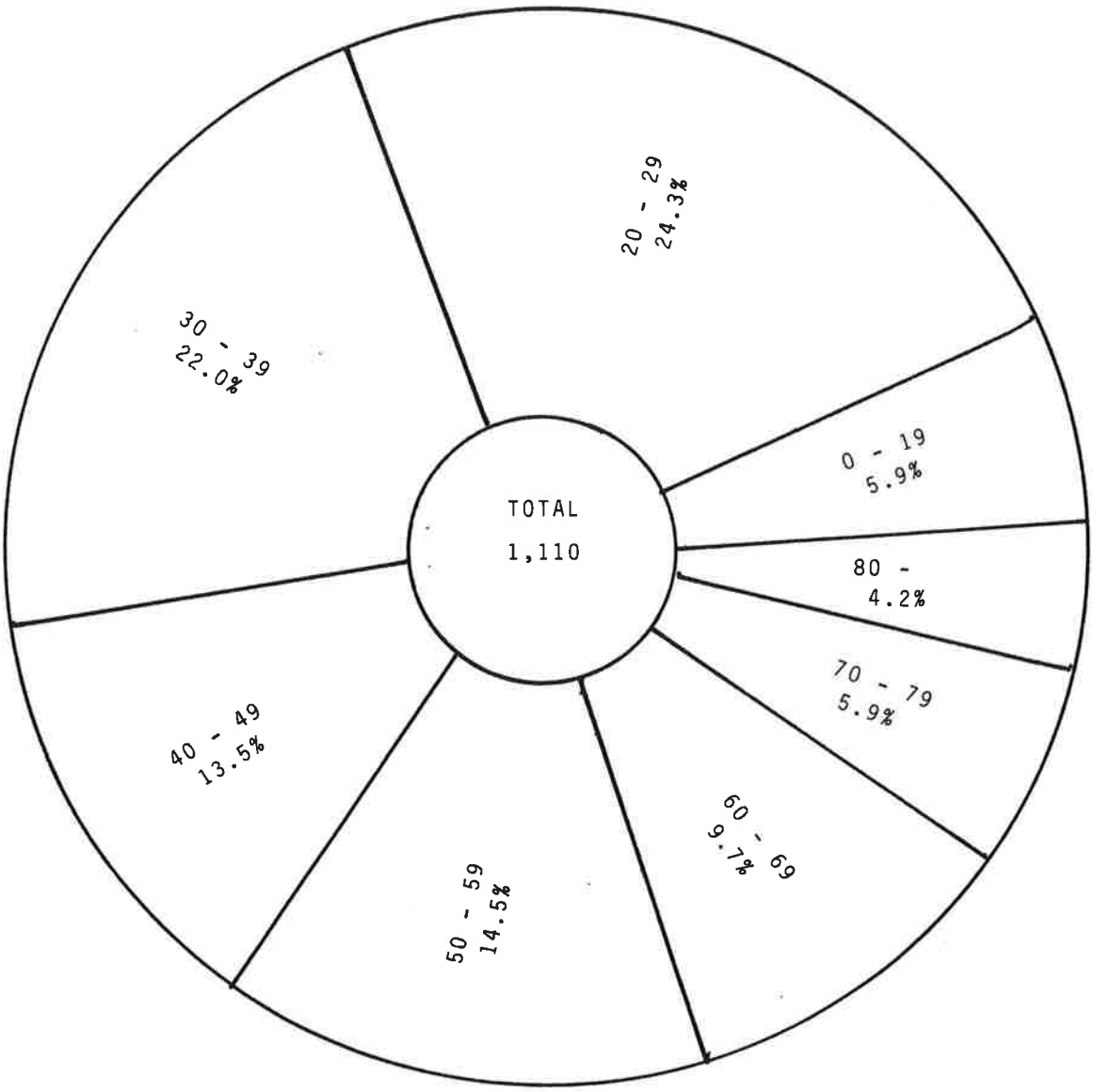
Firearm	498
Drug/Poison	271
Hanging	146
Jumping	68
Carbon Monoxide	60
Other	67
TOTAL	1,110



SUICIDE BY AGE GROUP

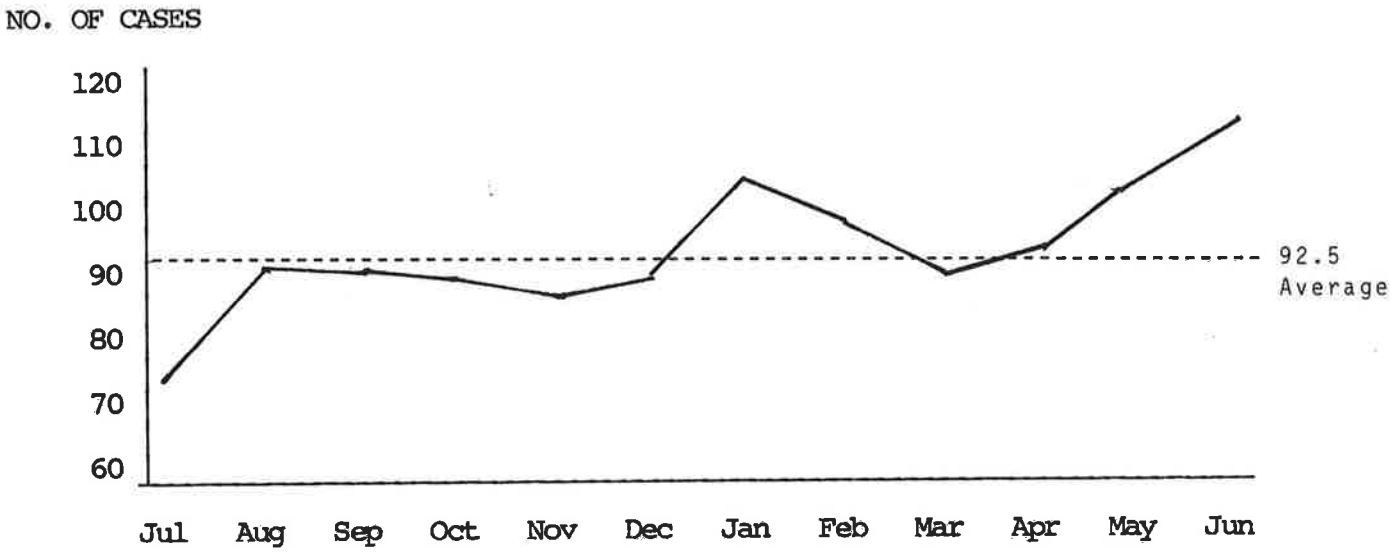
JULY 1, 1980 - JUNE 30, 1981

0-19	65
20-29	270
30-39	244
40-49	150
50-59	161
60-69	107
70-79	66
80	47
TOTAL	1,110



SUICIDE BY MONTH

JULY 1, 1980 - JUNE 30, 1981



SUICIDE BY TYPE, AGE, AND SEX

JULY 1, 1980 - JUNE 30, 1981

		AGE GROUP										
TYPE	SEX	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-	SUB TOTAL	TOTAL
FIREARMS	M		24	98	82	54	51	36	33	20	398	
	F		11	19	20	18	19	11	1	1	100	498
DRUGS	M		2	28	32	14	12	12	4	2	106	
	F		6	25	38	24	28	16	9	5	151	257
POISONS	M			5	3		1				9	
	F		1	2	1			1			5	14
HANGING	M		11	37	23	15	15	11	3	6	121	
	F		3	2	2	5	3	4	2	4	25	146
JUMPING	M		2	18	12	2	4	3	5	1	47	
	F		2	3	5	3	3	1	2	2	21	68
CARBON MONOXIDE/ AUTO	M		2	10	7	6	11	6		1	43	
	F				2	1	1	2	1		7	50
CARBON MONOXIDE/ OTHER	M			6	1		2				9	
	F			1							1	10
DROWNING	M			1	1		3	1		1	7	
	F			1		1		1	1		4	11
SUFFOCATION	M			1	1				2		4	
	F				1		1		1	1	4	8
SHARP INSTRUMENT	M			7	4	3	3				17	
	F				4	1	1				6	23
BURN	M			3		2	2			2	9	
	F							1			1	10
VEHICLE INVOLVED	M				3			1			4	
	F			2	1	1	1		1		6	10
OTHER	M			1	1				1	1	4	
	F		1								1	5
SUB TOTAL	M		41	215	170	96	104	70	48	34	778	
	F		24	55	74	54	57	37	18	13	332	1,110
TOTAL			65	270	224	150	161	107	66	47	1,110	

SUICIDE BY ETHNIC GROUP, TYPE, AND SEX

JULY 1, 1980 - JUNE 30, 1981

		ETHNIC GROUP							
TYPE	SEX	WHITE	SPANISH SURNAME	BLACK	JAPANESE	CHINESE	OTHER	SUB TOTAL	TOTAL
FIREARMS	M	320	29	41	3	2	3	398	
	F	82	8	7			3	100	498
DRUGS	M	89	6	8	1		2	106	
	F	124	7	15	1	2	2	151	257
POISONS	M	8				1		9	
	F	4	1					5	14
HANGING	M	89	14	9	2	4	3	121	
	F	17		1	2	2	3	25	146
JUMPING	M	34	7	3	3			47	
	F	19		1		1		21	68
CARBON MONOXIDE/ AUTO	M	40	1		1	1		43	
	F	6	1					7	50
CARBON MONOXIDE/ OTHER	M	8	1					9	
	F	1						1	10
DROWNING	M	7						7	
	F	3				1		4	11
SUFFOCATION	M	3	1					4	
	F	4						4	8
SHARP INSTRUMENT	M	9	4	2	1	1		17	
	F	2		2			2	6	23
BURN	M	8					1	9	
	F	1						1	10
VEHICLE INVOLVED	M	3	1					4	
	F	4	1	1				6	10
OTHER	M	3		1				4	
	F	1						1	5
SUB TOTAL	M	621	64	64	11	9	9	778	
	F	268	18	27	3	6	10	332	1,110
TOTAL		889	82	91	14	15	19	1,110	

SUICIDES BY ETHNIC GROUP, AGE, AND SEX

JULY 1, 1980 - JUNE 30, 1981

ETHNIC GROUP	SEX	AGE GROUP 0-19	20-29	30-39	40-49	50-59	60-69	70-79	80-	SUB TOTAL	TOTAL
WHITE	M	27	169	126	71	87	67	43	31	621	
	F	16	39	57	43	51	33	18	11	268	889
SPANISH	M	8	23	16	10	5			2	64	
SURNAME	F	2	8	3	2	2	1			18	82
BLACK	M	5	16	20	6	9	2	5	1	64	
	F	3	5	11	4	1	3			27	91
JAPANESE	M		4	2	2	3				11	
	F					1			2	3	14
CHINESE	M		3	1	4		1			9	
	F	1	2	1	1	1				6	15
KOREAN	M			1						1	
	F	1		1	3					5	6
IRANIAN	M	1		1						2	
	F		1							1	3
VIETNAMESE	M				1					1	
	F										1
AMERICAN	M										
INDIAN	F										0
INDIA INDIAN	M										0
	F										
FILIPINO	M			1						1	
	F	1		1						2	3
CAMBODIAN	M										
	F										0
OTHER ASIAN	M			2	2					4	
	F				1	1				2	6
UNKNOWN	M										
	F										0
SUB TOTAL	M	41	215	170	96	104	70	48	34	778	1,110
	F	24	55	74	54	57	37	18	13	332	
TOTAL		65	270	244	150	161	107	66	47	1,110	

SUICIDE DRUG DEATHS BY TYPE, AGE, AND SEX

JULY 1, 1980 - JUNE 30, 1981

TYPE DRUGS	SEX	AGE GROUP 0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
BARBITURATES	M			7	5	6	3	2	3	26	
	F		1	8	12	5	12	7	8	53	79
NARCOTICS	M			1						1	
	F										1
COMBINED BARBITURATES AND NARCOTICS	M								1	1	
	F					1	1	1		3	4
ANALGESICS	M		1	4	4		2	3		14	
	F				3	2	1			6	20
ANESTHETICS	M			1	3	1		1		6	
	F			4	2	1	4	1		12	18
HYPNOTICS, SEDATIVES, AND TRANQUILIZERS	M			4	2	1	1	3		11	
	F		1	1	3	4	3	1	1	14	25
STIMULANTS AND ANTIDEPRESSANTS	M		1	4	7	1	1	1		15	
	F		3	4	6	3	2	1		19	34
MULTIPLE DRUGS	M			5	11	3	3	1	2	25	
	F		1	8	11	6	4	4	4	38	63
OTHER DRUGS	M			2		1	1	1		5	
	F				1	1	1	1		3	8
UNKNOWN DRUGS	M					1	1			2	
	F					1				1	3
ETHANOL ONLY	M									0	
	F					1			1	2	2
POISONS	M			5	3		1			9	
	F		1	2	1			1		5	14
SUB TOTAL	M		2	33	35	14	13	12	6	115	
	F		7	27	39	24	28	17	14	156	271
TOTAL			9	60	74	38	41	29	20	271	

SUICIDE DRUG DEATHS BY ETHNIC GROUP, TYPE, AND SEX

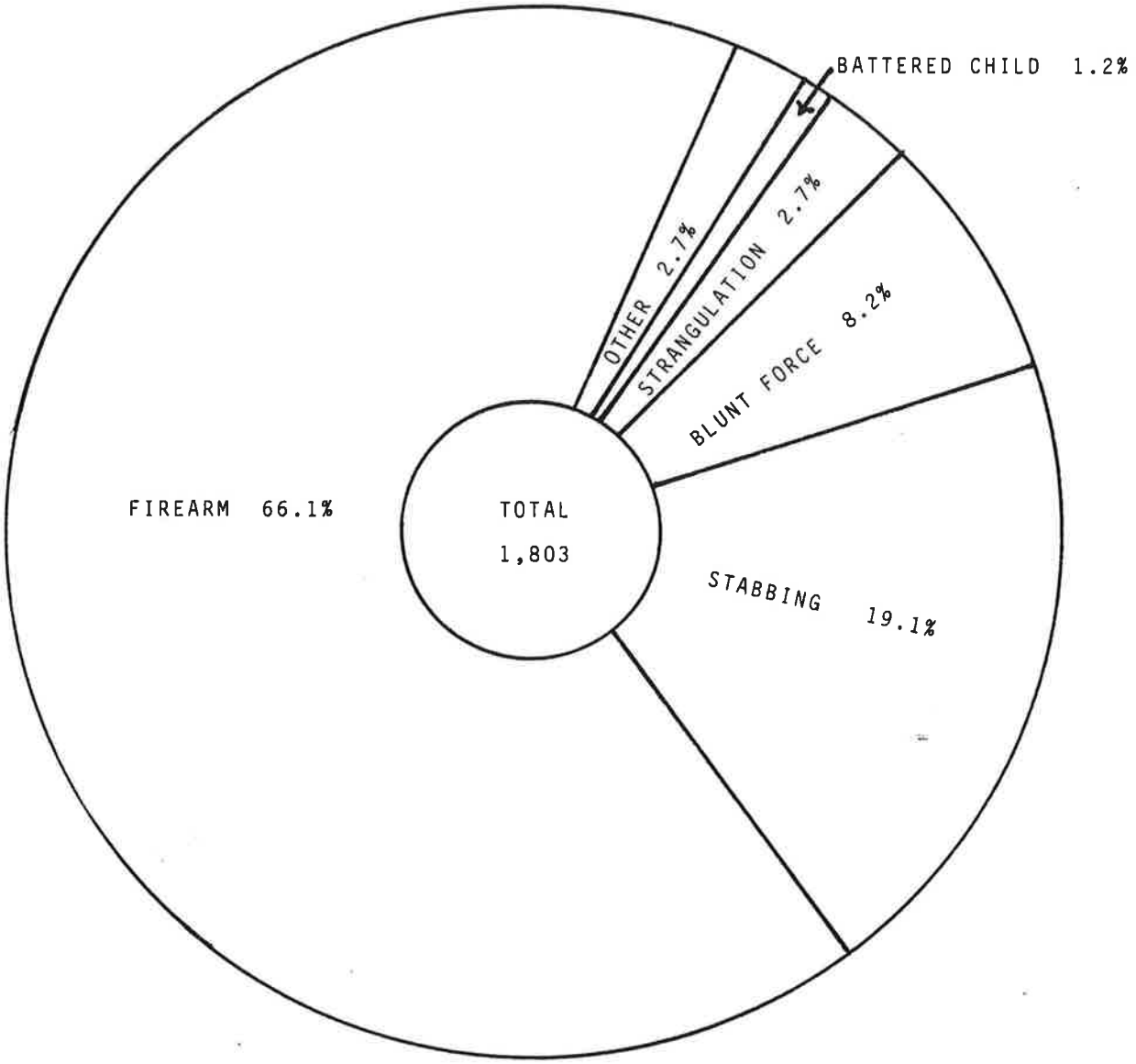
JULY 1, 1980 - JUNE 30, 1981

TYPE DRUGS	SEX	ETHNIC GROUP						SUB TOTAL	TOTAL
		WHITE	SPANISH SURNAME	BLACK	JAPANESE	CHINESE	OTHER		
BARBITURATES	M	20	4	2				26	
	F	41	2	7	1	2		53	79
NARCOTICS	M	1						1	
	F							0	1
COMBINED BARBITURATES AND NARCOTICS	M	1						1	
	F	1	1	1				3	4
ANALGESICS	M	12		2				14	
	F	5	1					6	20
ANESTHETICS	M	4	1				1	6	
	F	11		1				12	18
HYPNOTICS, SEDATIVES, AND TRANQUILIZERS	M	11						11	
	F	11		2			1	14	25
STIMULANTS AND ANTIDEPRESSANTS	M	10		3	1		1	15	
	F	18		1				19	34
MULTIPLE DRUGS	M	23	1	1				25	
	F	32	2	3			1	38	63
OTHER DRUGS	M	5						5	
	F	2	1					3	8
UNKNOWN DRUGS	M	2						2	
	F	1						1	3
ETHANOL ONLY	M							0	
	F	2						2	2
POISONS	M	8				1		9	
	F	4	1					5	14
SUB TOTAL	M	97	6	8	1	1	2	115	
	F	128	8	15	1	2	2	156	271
TOTAL		225	14	23	2	3	4	271	

HOMICIDE BY METHOD

JULY 1, 1980 - JUNE 30, 1981

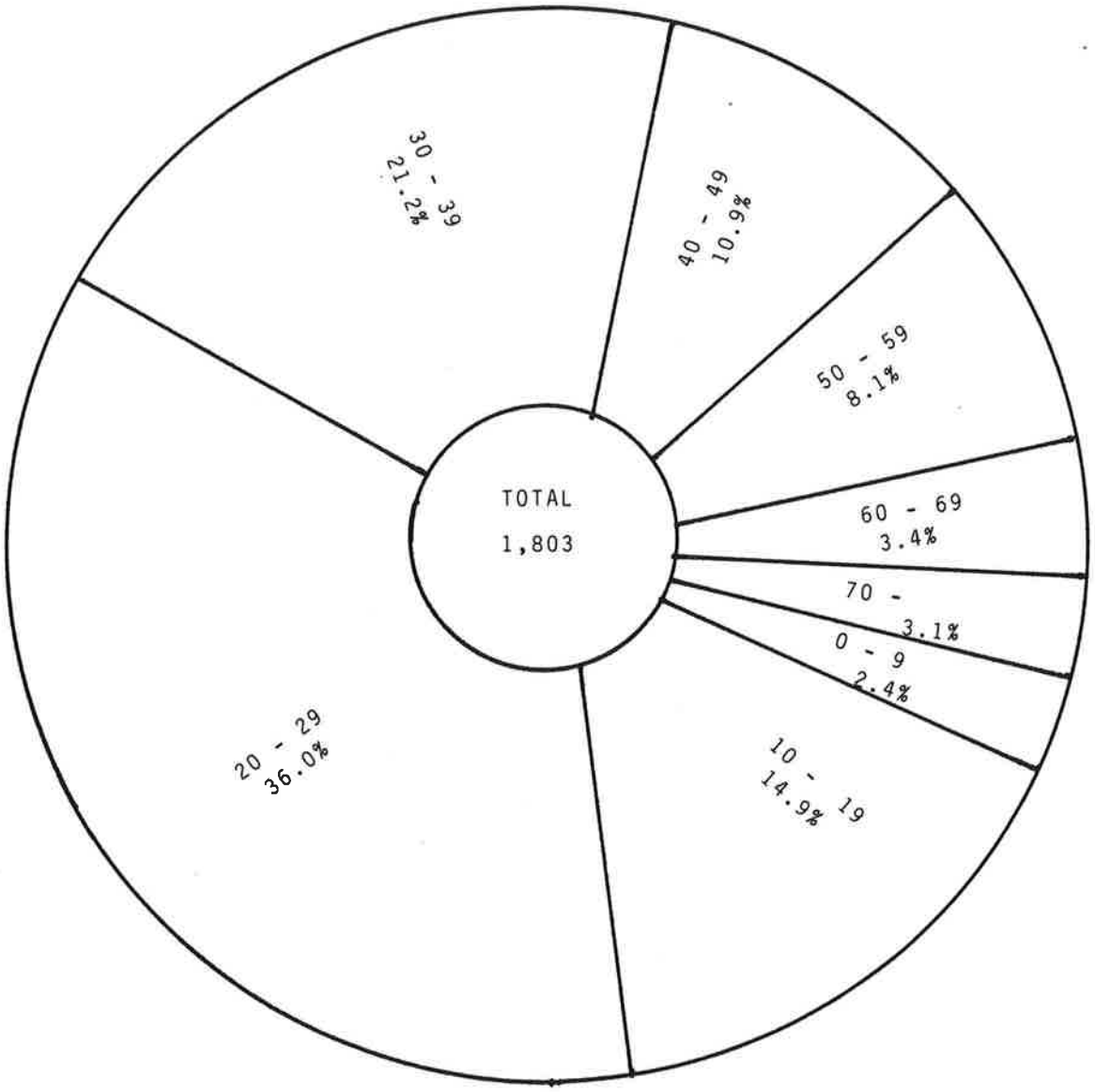
Firearm	1,191
Stabbing	344
Blunt Force	148
Strangulation	49
Battered Child	22
Other	49
TOTAL	1,803



HOMICIDE BY AGE GROUP

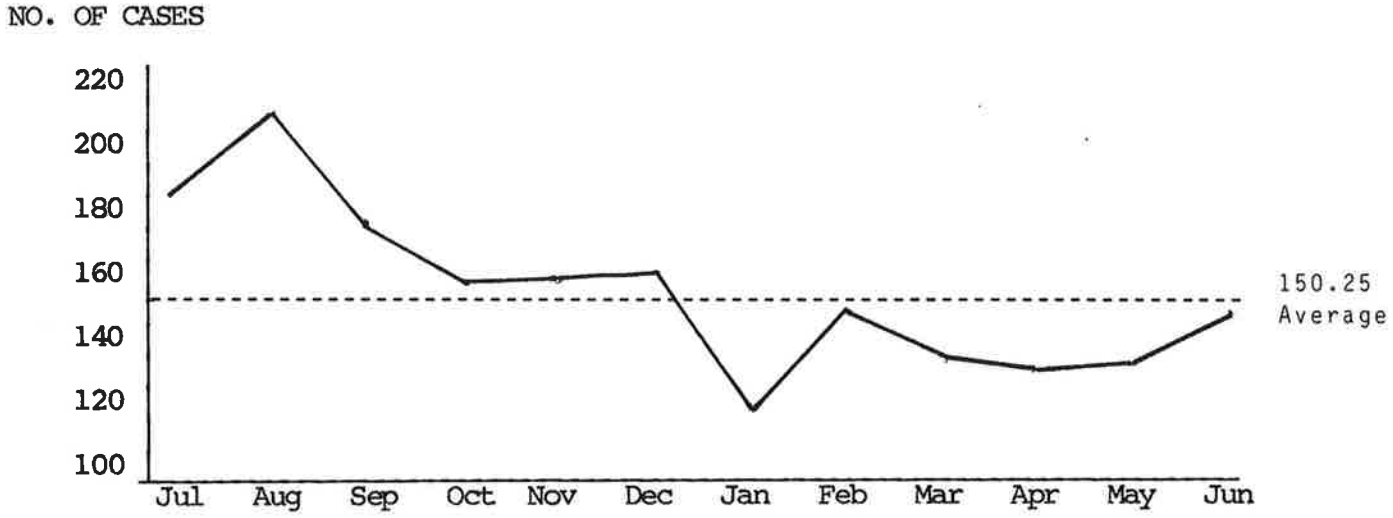
JULY 1, 1980 - JUNE 30, 1981

0- 9	44
10-19	270
20-29	649
30-39	382
40-49	196
50-59	146
60-69	61
70-	55
TOTAL	1,803



HOMICIDE BY MONTH

JULY 1, 1980 - JUNE 30, 1981



HOMICIDE BY TYPE, AGE, AND SEX

JULY 1, 1980 - JUNE 30, 1981

		AGE GROUP									
TYPE	SEX	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	UNK	SUB TOTAL	TOTAL
FIREARMS	M	11	188	405	213	101	74	25	8		1,025	
	F	1	15	45	24	11	13	6	3		118	1,143
POLICE INVOLVED FIREARMS	M		8	20	11	3	4	2			48	
	F											48
STABBING	M	4	30	92	75	41	24	5	8		279	
	F	2	7	27	8	7	6	4	4		65	344
BLUNT FORCE ASSAULT	M		9	17	25	18	16	13	12		110	
	F		2	10	8	3	1	2	12		38	148
STRANGU-LATION	M		1	6	2	5	2	2			18	
	F	1	5	14	4	5	2				31	49
BURNS	M				1		1	1			3	
	F	1		1					1		3	6
SUFFOCATION	M			1	2	1	1		2		7	
	F		1	2	1				2		6	13
VEHICLE INVOLVED	M		2	4			1				7	
	F			2	1			1			4	11
DROWNING	M				1						1	
	F										0	1
BATTERED CHILD	M	12									12	
	F	10									10	22
DECAPITATED	M										0	
	F										0	0
FALL/PUSH FROM HIGH LEVEL	M	1		1							2	
	F										0	2
OTHERS	M			1	3	1	1		3		9	
	F	1	2	1	3						7	16
SUB TOTAL	M	28	238	547	333	170	124	48	33		1,521	
	F	16	32	102	49	26	22	13	22		282	1,803
TOTAL		44	270	649	382	196	146	61	55		1,803	

HOMICIDE BY ETHNIC GROUP, TYPE, AND SEX

JULY 1, 1980 - JUNE 30, 1981

		ETHNIC GROUP							
TYPE	SEX	WHITE	SPANISH SURNAME	BLACK	JAPANESE	CHINESE	OTHER	SUB TOTAL	TOTAL
FIREARMS	M	260	325	414	6	2	18	1,025	
	F	49	13	49		3	4	118	1,143
POLICE INVOLVED FIREARMS	M	21	8	19				48	
	F							0	48
STABBING	M	87	89	99	2	1	1	279	
	F	26	9	28	1		1	65	344
BLUNT FORCE ASSAULT	M	55	25	27	1		2	110	
	F	26		12				38	148
STRANGU-LATION	M	8	4	5			1	18	
	F	13	4	11		2	1	31	49
BURNS	M	1		2				3	
	F			3				3	6
SUFFOCATION	M	2	1	3		1		7	
	F	4		2				6	13
VEHICLE INVOLVED	M	6	1					7	
	F	3					1	4	11
DROWNING	M		1					1	
	F							0	1
BATTERED CHILD	M	2	3	4			3	12	
	F	6	1	2	1			10	22
DECAPITATED	M							0	
	F							0	0
FALL/PUSH FROM HIGH LEVEL	M	1		1				2	
	F							0	2
OTHERS	M	4	1	2			2	9	
	F	6		1				7	16
SUB TOTAL	M	447	458	576	9	4	27	1,521	
	F	133	27	108	2	5	7	282	1,803
TOTAL		580	485	684	11	9	34	1,803	

HOMICIDE BY ETHNIC GROUP, AGE, AND SEX

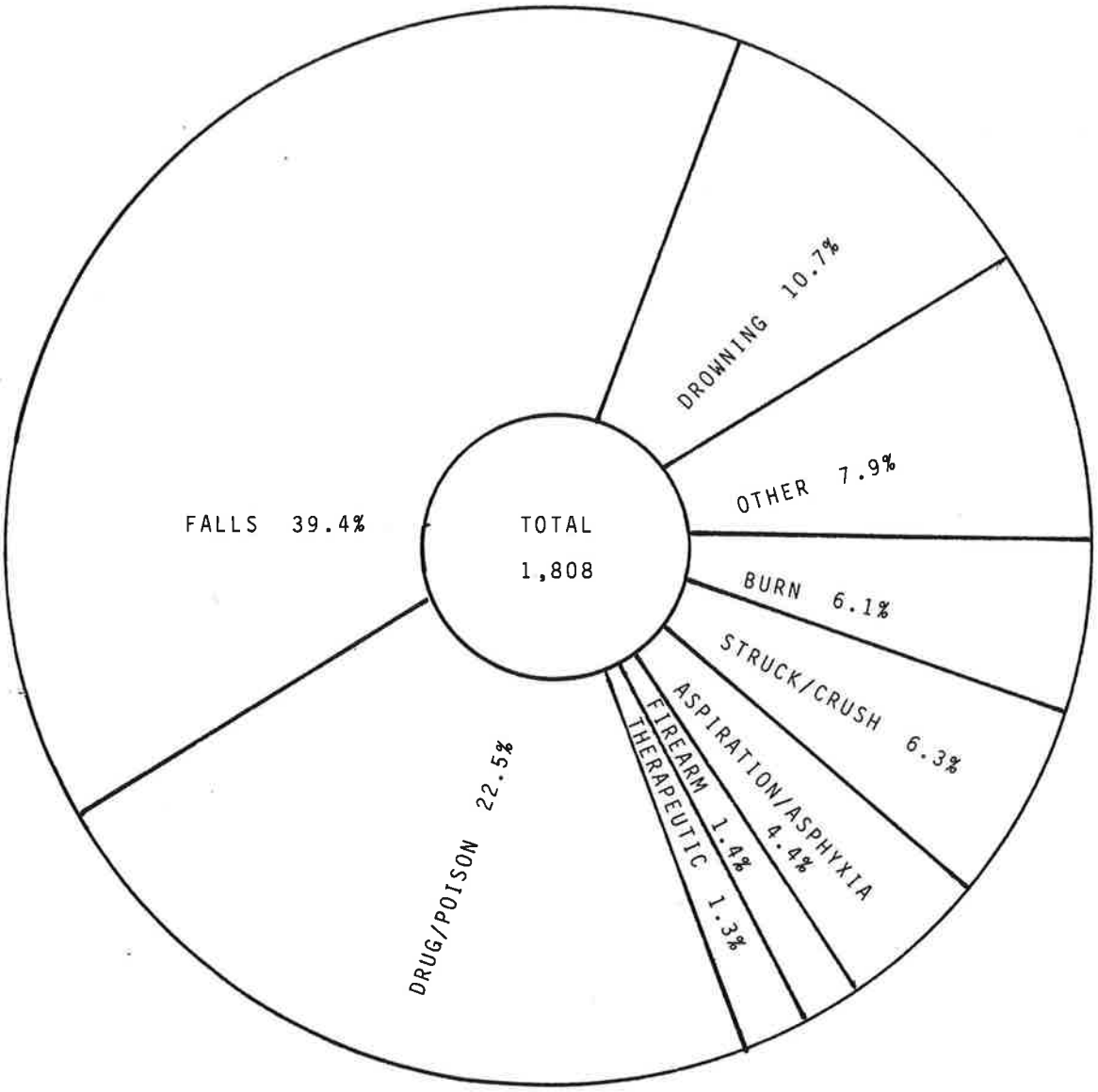
JULY 1, 1980 - JUNE 30, 1981

ETHNIC GROUP	SEX	AGE GROUP 0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	UNK	SUB TOTAL	TOTAL
WHITE	M	9	48	129	98	56	60	25	22		447	
	F	10	18	34	23	17	11	4	16		133	580
SPANISH	M	9	90	196	96	42	17	7	4		458	
SURNAME	F	2	3	14	5	1	1	1			27	485
BLACK	M	10	96	215	128	69	39	14	5		576	
	F	3	10	49	19	6	9	7	5		108	684
JAPANESE	M		2	1	1	1	3	1			9	
	F	1		1							2	11
CHINESE	M			1	1	1	1				4	
	F				1	1	1	1	1		5	9
KOREAN	M		1	2			2	1	1		7	
	F			1	1	1					3	10
VIETNAMESE	M	1					1				2	
	F		1								1	3
AMERICAN	M			2							2	
INDIAN	F			2							2	4
FILIPINO	M	2	1		2		1				6	
	F			1							1	7
THAI	M				1						1	
	F										0	1
OTHER	M			1	6	1			1		9	
	F										0	9
SUB TOTAL	M	28	238	547	333	170	124	48	33		1,521	
	F	16	32	102	49	26	22	13	22		282	1,803
TOTAL		44	270	649	382	196	146	61	55		1,803	

ACCIDENTAL DEATHS BY TYPE

JULY 1, 1980 - JUNE 30, 1981

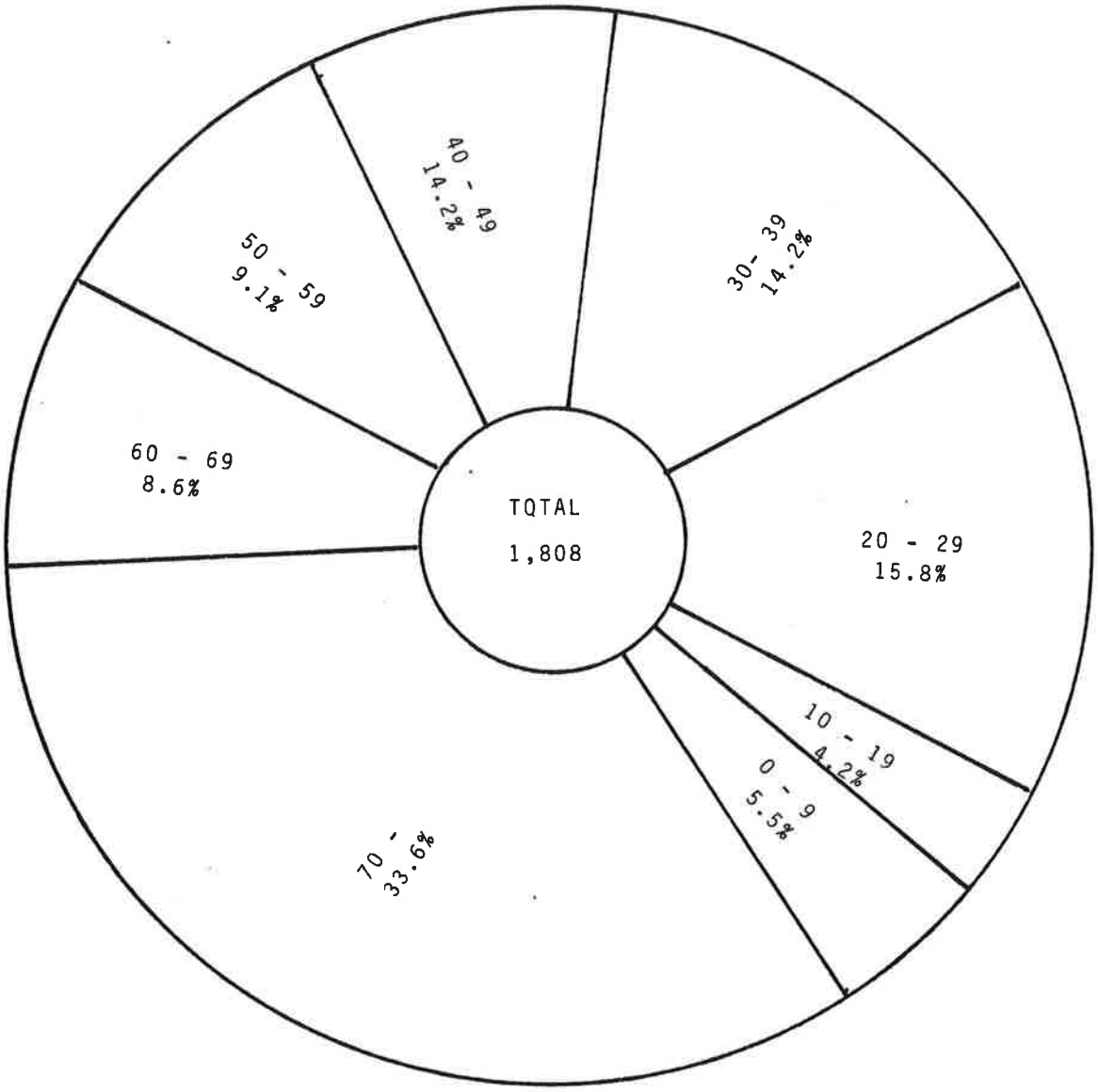
Fall	713
Drugs/Poison	407
Drowning	193
Struck/Crush/ Blunt Injury	114
Burn	110
Aspiration/ Asphyxia	78
Firearm	26
Therapeutic	24
Other	143
TOTAL	1,808



ACCIDENTAL DEATHS BY AGE GROUP

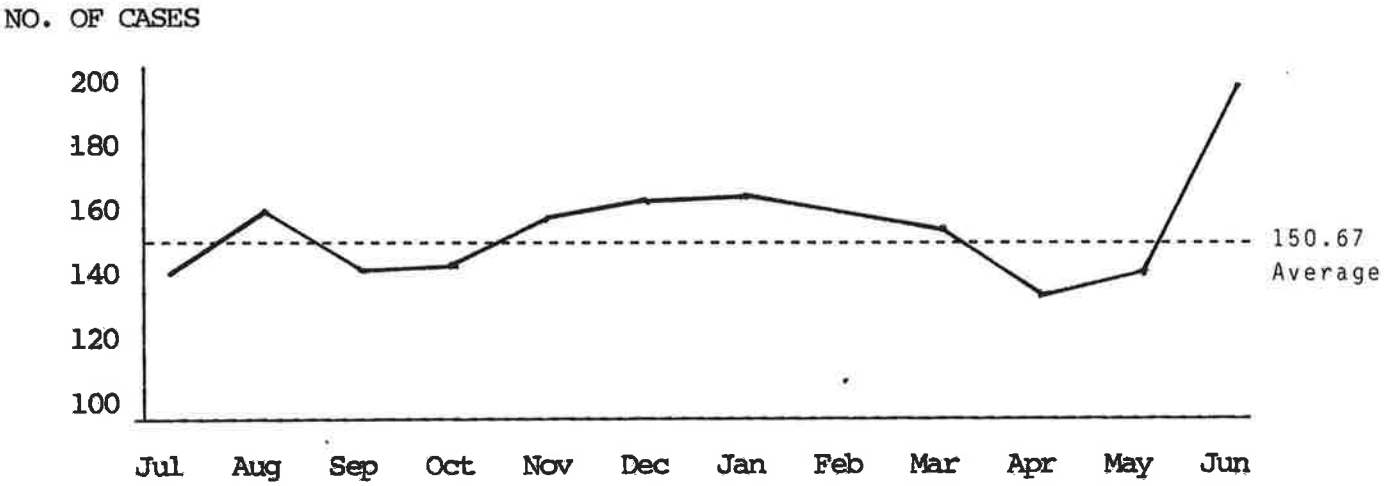
JULY 1, 1980 - JUNE 30, 1981

0- 9	100
10-19	75
20-29	286
30-39	256
40-49	163
50-59	165
60-69	155
70-	608
TOTAL	1,808



ACCIDENTS BY MONTH

JULY 1, 1980 - JUNE 30, 1981



ACCIDENTAL DEATHS BY LOCATION AND TYPE

JULY 1, 1980 - JUNE 30, 1981

TYPE OF ACCIDENT	HOME	OCCUPATION	OTHER LOCATION	TOTAL
ASPIRATION/FOOD	27		32	59
ASPIRATION/FOREIGN BODY	2		3	5
MECHANICAL SUFFOCATION	5			5
HANGING	3	2		5
STRUCK BY OBJECT	2	8	4	14
CRUSHED BY OBJECT	3	25	6	34
BURNS	94	1	15	110
CARBON MONOXIDE	6		3	9
FALL	403	21	289	713
DROWNING	103	1	89	193
ELECTROCUTION	3	9	1	13
EXPLOSION	2	5	4	11
CUT OR PUNCTURE	6	1		7
FIREARMS	21		5	26
BLUNT FORCE	11	2	53	66
DRUGS	203	2	198	403
POISON	1	1	2	4
THERAPEUTIC			24	24
INDUSTRIAL FUMES/DUST		19		19
OTHER	22	7	59	88
TOTAL	917	104	787	1,808

ACCIDENTAL DEATHS BY TYPE, AGE, AND SEX

JULY 1, 1980 - JUNE 30, 1981

		AGE GROUP									
TYPE	SEX	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
ASPIRATION/ FOOD	M	1		2	2	3	8	4	4	24	
	F	2	1	2	4	6	3	4	13	35	59
ASPIRATION/ FOREIGN BODY	M			1	2					3	
	F				1		1			2	5
MECHANICAL SUFFOCATION	M	2		1						3	
	F	1					1			2	5
HANGING	M		2	2	1					5	
	F									0	5
STRUCK BY OBJECT	M	1	3	1 3	5			1	1	14	
	F									0	14
CRUSHED BY OBJECT	M	1		12	7	2	6	3		31	
	F	1					1		1	3	34
BURNS	M	9	2	11	8	6	8	14	13	73	
	F	4	2	1	7	3	2	5	13	37	110
CARBON MONOXIDE	M	1		1			2		1	5	
	F		1	1		1			1	4	9
FALL	M	1	10	25	20	25	36	43	178	338	
	F	2	2	2	4	7	14	22	322	375	713
DROWNING	M	44	9	41	20	12	12	10	7	155	
	F	13	5	7	3	2	4	1	3	38	193
ELECTROCUTION	M		3	5	2	1	2			13	
	F									0	13
EXPLOSION	M	1	1	1	1	2	3			9	
	F	1		1						2	11
CUT OR PUNCTURE	M		1	1		1	2	1	1	7	
	F									0	7
FIREARM	M		6	6	4	4	1	1		22	
	F		1	1	2					4	26
BLUNT FORCE	M	1	1	6	8	9	12	11	4	52	
	F	1		1	3	3	3	1	2	14	66
DRUGS	M	6	11	113	103	42	12	4	1	292	
	F	1	6	25	36	21	15	4	3	111	403

ACCIDENTAL DEATHS BY TYPE, AGE, AND SEX

JULY 1, 1980 - JUNE 30, 1981

		AGE GROUP									
TYPE	SEX	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
POISONS	M				2	1				3	
	F								3	3	4
THERAPEUTIC	M		1	1	1	2	3	2	12	11	
	F	1		3		3	1	1	4	13	24
INDUSTRIAL	M						3	9	7	19	
FUMES/DUST	F									0	19
OTHER	M	2	1	8	7	6	9	7	11	51	
	F	3	4	2	3	1	1	7	16	37	88
SUB TOTAL	M	70	53	240	193	116	119	110	229	1,130	
	F	30	22	46	63	47	46	45	379	687	1,808
TOTAL		100	75	286	256	163	165	155	608	1,808	

OCCUPATIONAL ACCIDENTAL DEATHS BY TYPE, AGE, AND SEX

JULY 1, 1980 - JUNE 30, 1981

TYPE	SEX	AGE GROUP 0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
ASPIRATION/ FOOD	M									0	
	F									0	0
ASPIRATION/ FOREIGN BODY	M									0	
	F									0	0
MECHANICAL SUFFOCATION	M									0	
	F									0	0
HANGING	M			1	1					2	
	F									0	2
STRUCK BY OBJECT	M		1	3	4					8	
	F									0	8
CRUSHED BY OBJECT	M			8	6	2	5	3		24	
	F						1			1	25
BURNS	M			1						1	
	F									0	1
CARBON MONOXIDE	M									0	
	F									0	0
FALL	M			5	1	5	5	2	1	19	
	F				1	1				2	21
DROWNING	M							1		1	
	F									0	1
ELECTROCUTION	M		2	3	2	1	1			9	
	F									0	9
EXPLOSION	M				1	1	3			5	
	F									0	5
CUT OR PUNCTURE	M						1			1	
	F									0	1
FIREARM	M									0	
	F									0	0
BLUNT FORCE	M			1			1			2	
	F									0	2

OCCUPATIONAL ACCIDENTAL DEATHS BY TYPE, AGE, AND SEX

JULY 1, 1980-- JUNE 30, 1981

		AGE GROUP									
TYPE	SEX	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
DRUGS	M		1	1						2	
	F									0	2
POISONS	M				1					1	
	F									0	1
THERAPEUTIC	M									0	
	F									0	0
INDUSTRIAL	M						3	9	7	19	
FUMES/DUST	F									0	19
OTHER	M			1	1		1	2		5	
	F		1						1	2	7
SUB TOTAL	M		4	24	17	9	20	17	8	99	
	F		1		1	1	1		1	5	104
TOTAL			5	24	18	10	21	17	9	104	

ACCIDENTAL DROWNING BY LOCATION, AGE, AND SEX

JULY 1, 1980 - JUNE 30, 1981

		AGE GROUP									
LOCATION	SEX	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
SWIMMING POOL	M	35	3	9	1	3	5	5	6	67	
	F	10	2	3	1	2	1	1	1	21	88
BATHTUB	M	3	1	2	3	1	1	2	1	14	
	F	2	2	1	1		1		1	8	22
OCEAN/	M			8	5	4				17	
SWIMMING	F						1			1	18
BOAT FATALITY	M			1	1	1	1			4	
	F		1				1			2	6
SLIPPED FROM	M			1						1	
ROCKS/OCEAN	F									0	1
RIVER/CREEK	M		1							1	
	F									0	1
RESERVOIR	M		3	1						4	
	F									0	4
LAKE/POND	M		2	9	6	2	1			20	
	F				1					1	21
FELL FROM DOCK	M									0	
OCEAN SHORE	F									0	0
SCUBA	M		1	5	1	1	1			9	
	F			1						1	10
FOUND FLOATING	M	1	1	1	1		2	1		7	
IN OCEAN	F			1					1	2	9
SKIN DIVING	M							1		1	
	F									0	1
JACUZZI	M	1		1	1		1			4	
	F	1		1						2	6
OTHER	M	4		1				1		6	
	F									0	6
SUB TOTAL	M	44	9	41	20	12	12	10	7	155	
	F	13	5	7	3	2	4	1	3	38	193
TOTAL		57	14	48	23	14	16	11	10	193	

ACCIDENTAL DRUG DEATHS BY TYPE, AGE, AND SEX

JULY 1, 1980 - JUNE 30, 1981

TYPE DRUGS	SEX	AGE GROUP 0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
BARBITURATES	M		2	10	8	6	1	1		28	
	F		1	2	4	2	1	1		11	39
NARCOTICS	M		3	45	44	12	2	1		107	
	F		1	8	5	3				17	124
COMBINED NARCOTIC	M		1	2	2	1		1		7	
AND BARBITURATE	F			1	1	1				3	10
ANALGESICS	M	1	1	17	10	10	3	1		43	
	F			6	7	2	8		1	24	67
ANESTHETICS	M			6	4		1			11	
	F		1							1	12
HYPNOTICS,	M	1	1	6	1		2			11	
SEDATIVES AND	F	1	1	1	2	4				9	20
TRANQUILIZERS											
STIMULANTS AND	M	2		8	5	3				18	
ANTIDEPRESSANTS	F			2	5	2	1	2		12	30
MULTIPLE	M		1	11	19	6	1			38	
DRUGS	F		2	4	9	6	3	1	1	26	64
OTHER DRUGS	M		1	2	1	1				5	
	F				2		1		1	4	9
UNKNOWN DRUGS	M			1	2		1		1	5	
	F				1					1	6
ETHANOL ONLY	M	2	1	5	7	3	1			19	
	F			1		1	1			3	22
POISONS	M				2	1				3	
	F								1	1	4
SUB TOTAL	M	6	11	113	105	43	12	4	1	295	
	F	1	6	25	36	21	15	4	4	112	407
TOTAL		7	17	138	141	64	27	8	5	407	

ACCIDENTAL DRUG DEATHS BY ETHNIC GROUP, TYPE, AND SEX

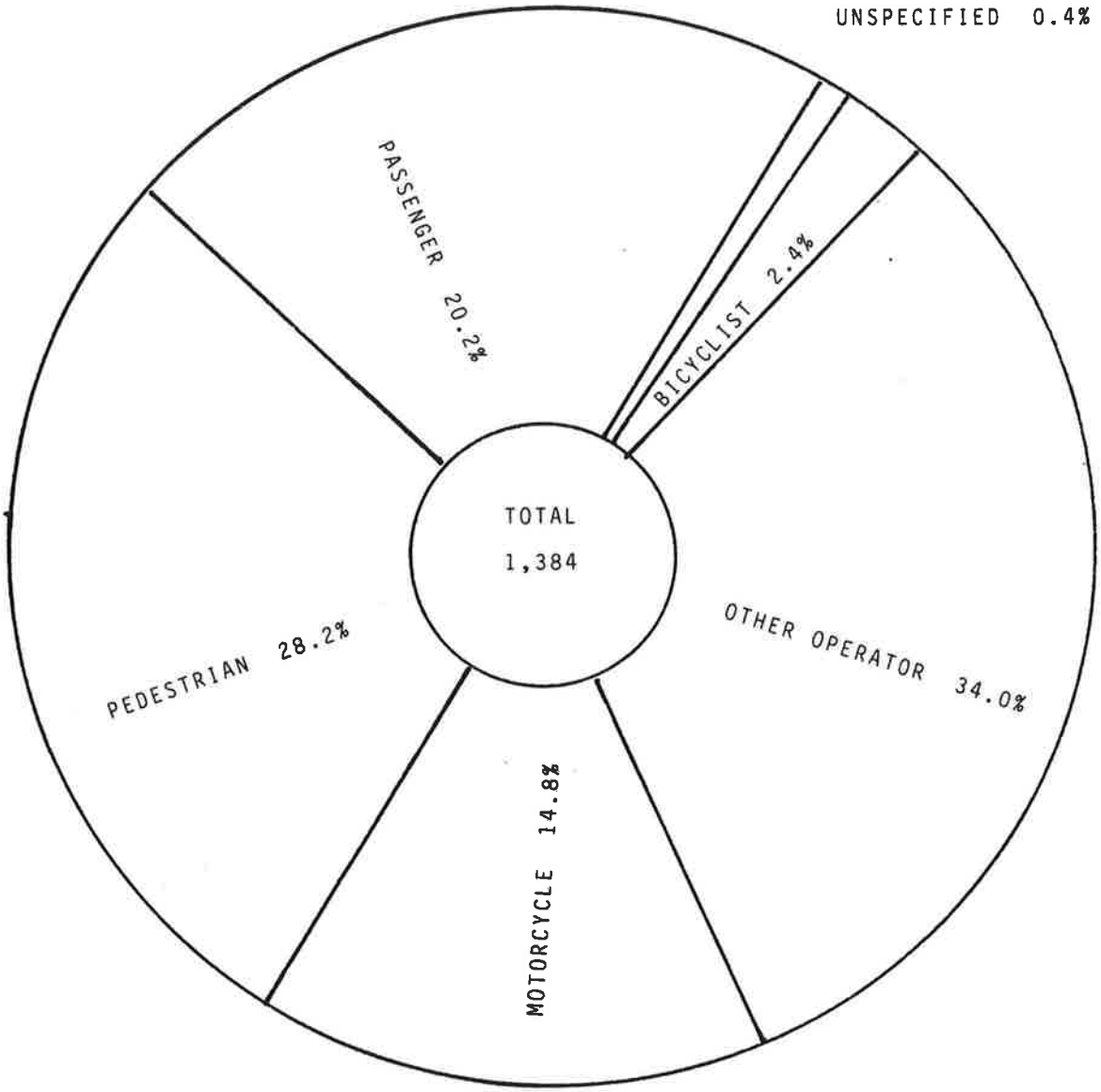
JULY 1, 1980 - JUNE 30, 1981

TYPE DRUGS	SEX	ETHNIC GROUP						SUB TOTAL	TOTAL
		WHITE	SPANISH SURNAME	BLACK	JAPANESE	CHINESE	OTHER		
BARBITURATES	M	20	4	4				28	
	F	6	1	4				11	39
NARCOTICS	M	70	14	23				107	
	F	11	2	4				17	124
COMBINED NARCOTIC AND BARBITURATE	M	6	1					7	
	F	1		1			1	3	10
ANALGESICS	M	30	2	10		1		43	
	F	15	1	6	1		1	24	67
ANESTHETICS	M	3	1	7				11	
	F	1						1	12
HYPNOTICS, SEDATIVES AND TRANQUILIZERS	M	11						11	
	F	7		2				9	20
STIMULANTS AND ANTIDEPRESSANTS	M	11	1	6				18	
	F	11	1					12	30
MULTIPLE DRUGS	M	28	1	8			1	38	
	F	17		9				26	64
OTHER DRUGS	M	4					1	5	
	F	2		2				4	9
UNKNOWN DRUGS	M	2	1	2				5	
	F	1						1	6
ETHANOL ONLY	M	10	3	6				19	
	F	1	2					3	22
POISONS	M	2	1					3	
	F			1				1	4
SUB TOTAL	M	197	29	66		1	2	295	
	F	73	7	29	1	1	2	112	407
TOTAL		270	36	95	1	1	4	407	

VEHICLE ACCIDENTS BY CLASSIFICATION OF VICTIM

JULY 1, 1980 - JUNE 30, 1981

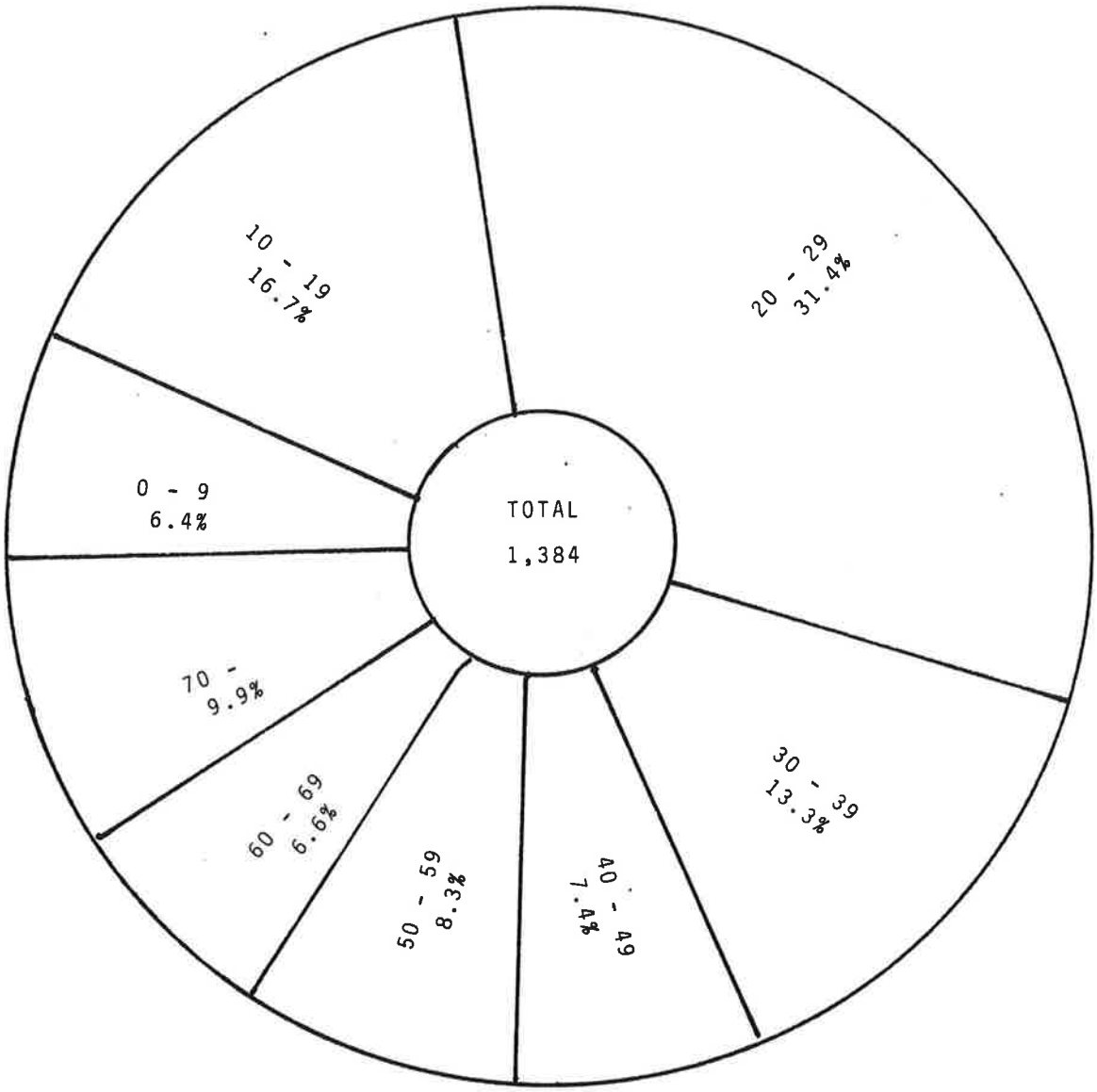
Pedestrian	390
Operator:	
Motorcycle	206
Bicycle	33
Other	470
Passenger	279
Unspecified	6
TOTAL	1,384



VEHICLE ACCIDENTS BY AGE GROUP

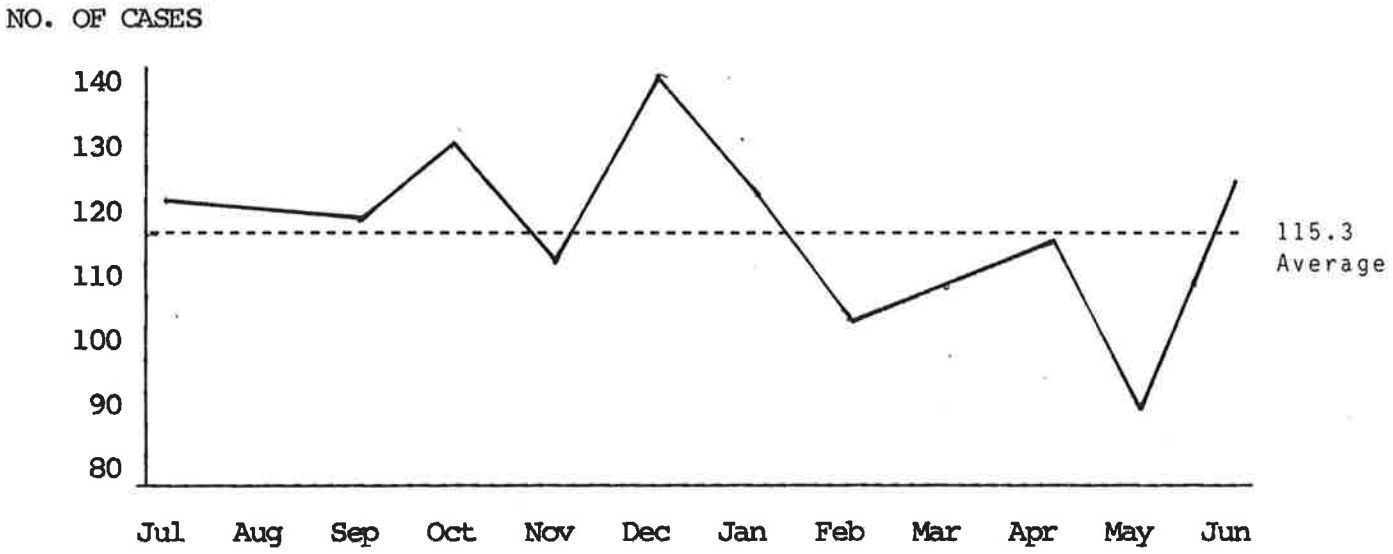
JULY 1, 1980 - JUNE 30, 1981

0- 9	89
10-19	231
20-29	434
30-39	184
40-49	103
50-59	115
60-69	91
70-	137
TOTAL	1,384



VEHICLE ACCIDENTS BY MONTH

JULY 1, 1980 - JUNE 30, 1981



VEHICLE ACCIDENT BY TYPE, AGE, AND SEX

JULY 1, 1980 - JUNE 30, 1981

		AGE GROUP									
TYPE	SEX	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
AUTO VS AUTO	M	5	27	63	30	15	18	10	15	183	
	F	5	16	30	14	11	20	13	13	122	305
AUTO VS BUS,	M		7	19	7	2	7	4		46	
TRUCK	F	2	3	4	2	2	1		3	17	63
AUTO VS TRAIN	M	1	1		1	1				4	
	F			1	1					2	6
AUTO VS	M		25	55	11	5	5	1	2	104	
MOTORCYCLE	F		4	3	2		1			10	114
AUTO OUT OF	M	1	47	89	30	13	11	7	13	211	
CONTROL	F	3	14	28	9	9	6	8	9	86	297
TRUCK VS TRUCK	M	1		2	3	1	2	1		10	
	F			2				1		3	13
TRUCK VS	M		2	15	2	1	1			21	
MOTORCYCLE	F			1						1	22
TRUCK OUT OF	M		6	10	3		1	2		22	
CONTROL	F	2	4	2			1		1	10	32
BICYCLE VS AUTO	M	2	4	2			1		1	10	
	F	2	1	2	2					7	17
BICYCLE VS	M	3	5	3	4	1	1	3	4	24	
TRUCK, BUS	F	3			1	1	1	2		8	32
BICYCLE OUT	M				1					0	
OF CONTROL	F									0	0
PEDESTRIAN	M	36	17	33	24	19	24	19	33	205	
VS AUTO	F	11	12	12	14	8	10	11	28	106	311
PEDESTRIAN	M		2	2	3			1	3	11	
VS BUS	F	1							1	2	13
PEDESTRIAN	M	5	1	4	1	3	1	3	3	21	
VS TRUCK	F	2			2			1	2	7	28
PEDESTRIAN	M			1						1	
VS MOTORCYCLE	F									0	1

VEHICLE ACCIDENT BY TYPE, AGE, AND SEX

JULY 1, 1980 - JUNE 30, 1981

		AGE GROUP									
TYPE	SEX	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
PEDESTRIAN	M		1	1			1		2	5	
VS TRAIN	F		1							1	6
MOTORCYCLE	M		19	39	16	6	1	1		82	
OUT OF CONTROL	F	1	3	2						6	88
OTHER COMBINATIONS	M	2	6	4	1	2	1	1	3	20	
	F	1	2	2		2	1		1	9	29
SUB TOTAL	M	56	171	345	137	70	74	55	79	987	
	F	33	60	89	47	33	41	36	58	397	1,384
TOTAL		89	231	434	184	103	115	91	137	1,384	

VEHICLE ACCIDENT BY POSITION IN VEHICLE, AGE, AND SEX

JULY 1, 1980 - JUNE 30, 1981

AGE	SEX	OPERATOR BIKE	OPERATOR OTHER	PAS-SENGER	PEDES-TRIAN	MOTORCYCLE OPERATOR	UNSPEC-IFIED	SUB TOTAL	TOTAL
0 - 9	M	3	1	10	42			56	
	F	2		14	17			33	89
10-19	M	10	57	33	24	45	2	171	
	F	2	11	32	14	1		60	231
20-29	M	6	129	57	46	106	1	345	
	F	2	38	35	13	1		89	434
30-39	M	1	57	17	32	29	1	137	
	F	2	20	8	17			47	184
40-49	M	1	24	10	24	11		70	
	F		13	10	10			33	103
50-59	M		32	6	27	8	1	74	
	F		16	14	11			41	115
60-69	M	2	21	5	25	2		55	
	F		16	6	14			36	91
70-	M	2	24	5	44	3	1	79	
	F		11	17	30			58	137
SUB TOTAL	M	25	345	143	264	204	6	987	
	F	8	125	136	126	2		397	1,384
TOTAL		33	470	279	390	206	6	1,384	

VEHICLE ACCIDENT WITH BLOOD ALCOHOL LEVEL BY AGE

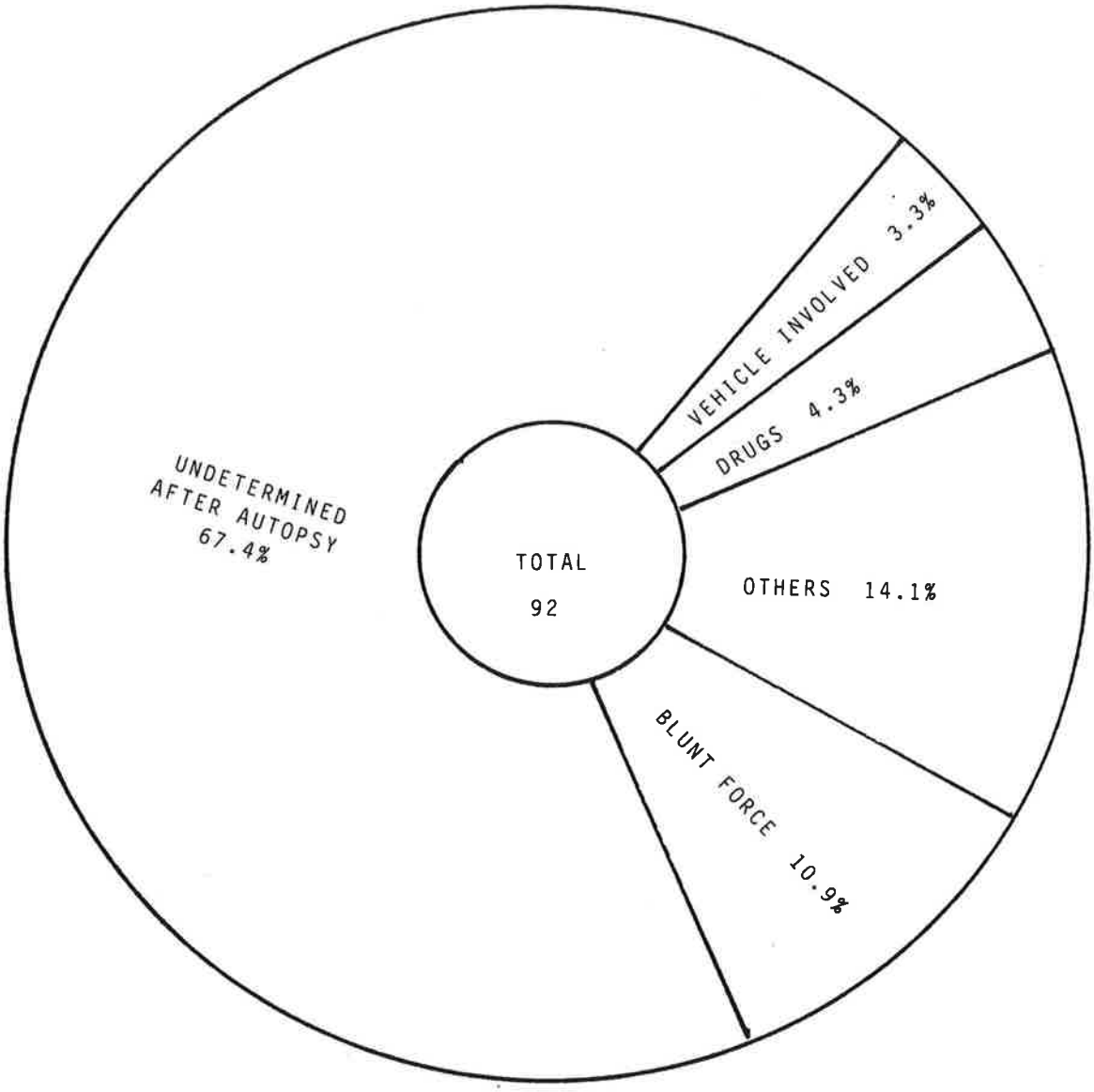
JULY 1, 1980 - JUNE 30, 1981

BLOOD ALCOHOL LEVEL	AGE GROUP 0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	TOTAL
Not Tested	83	73	86	29	27	35	23	50	406
Negative	6	88	143	76	38	53	54	77	535
Positive		70	205	79	38	27	14	10	443
0.01% - 0.04%		15	19	4	5	6	2		51
0.05% - 0.09%		15	32	18	3	3	2	6	79
0.10% - 0.14%		12	41	11	6	4			74
0.15% - 0.19%		15	50	19	7	4	2	2	99
0.20% - 0.24%		10	37	12	7	5	3	2	76
0.25% - 0.29%		3	18	7	4	1	2		35
0.30% - 0.34%			7	3	4	3	2		19
0.35% -			1	5	2	1	1		10
TOTAL TESTS		158	348	155	76	80	68	87	978
TOTAL CASES	89	231	434	184	103	115	91	137	1,384

UNDETERMINED MODE OF DEATH BY CAUSE

JULY 1, 1980 - JUNE 30, 1981

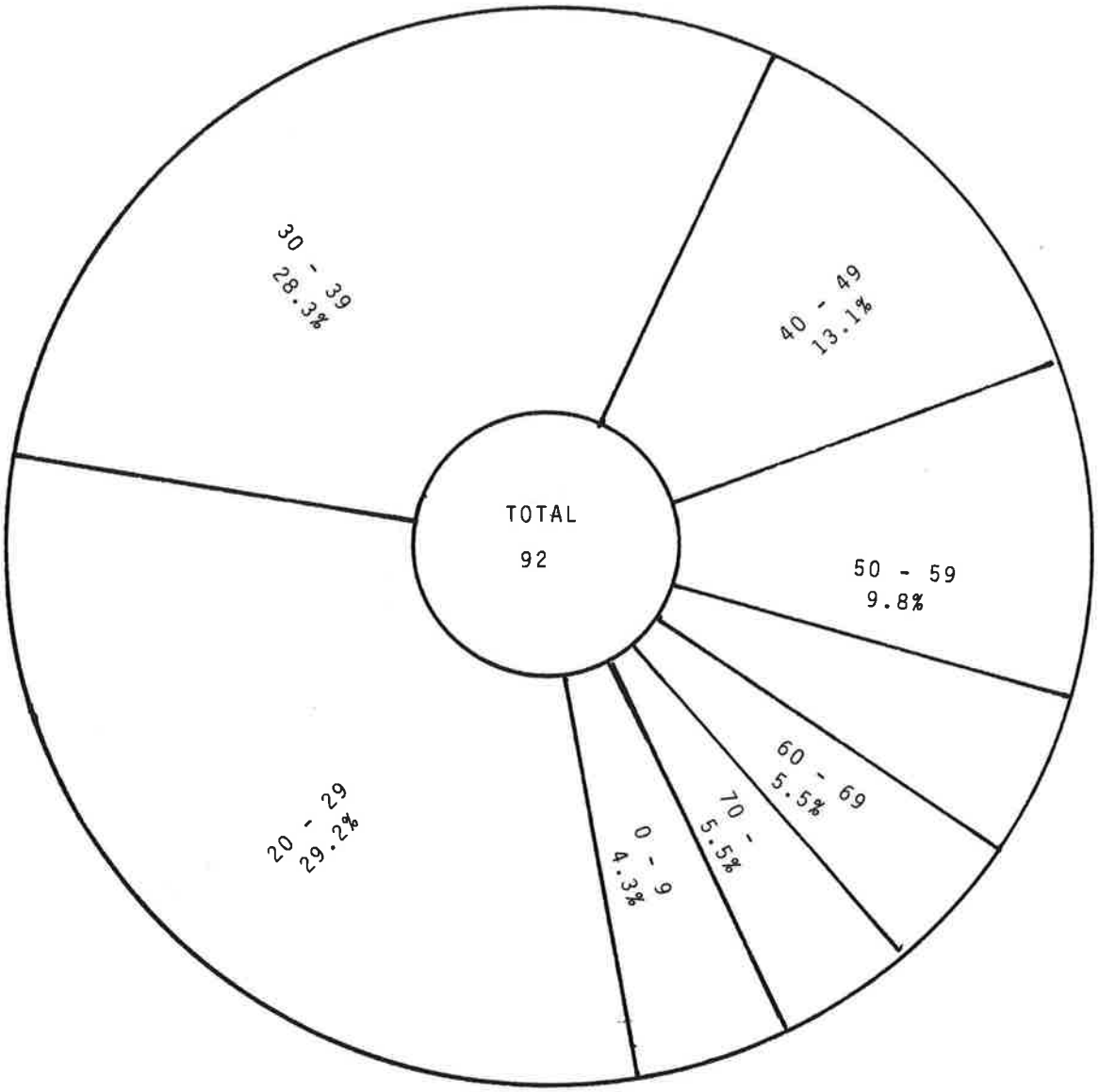
Undetermined after autopsy	62
Blunt Force	10
Drugs/Poisons	4
Vehicle involved	3
Others	3
TOTAL	92



UNDETERMINED MODE OF DEATH BY AGE GROUP

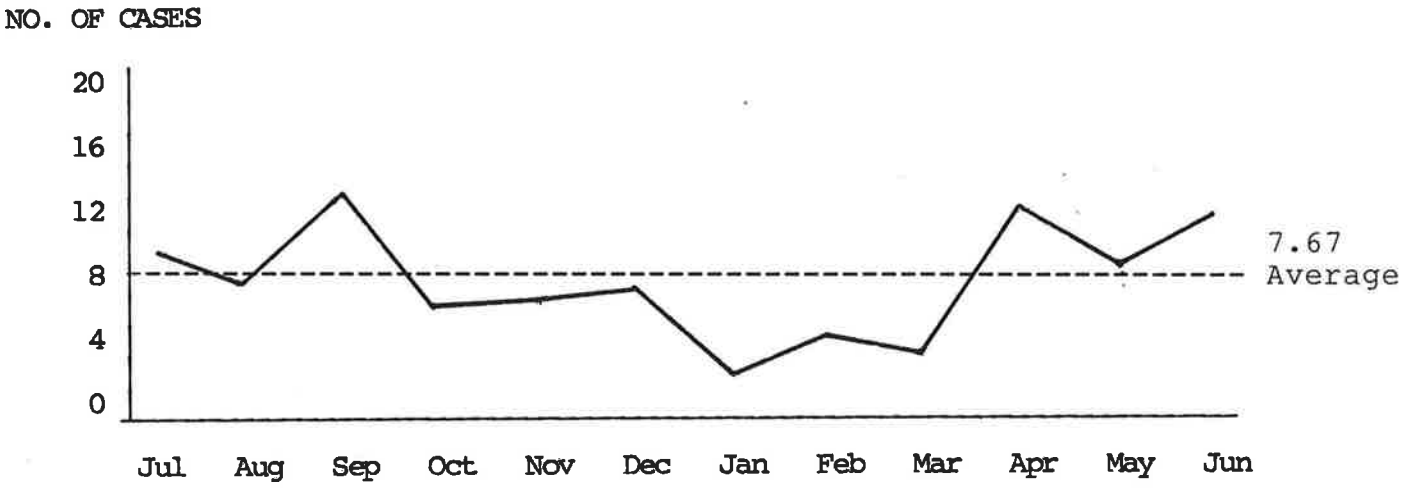
JULY 1, 1980 - JUNE 30, 1981

0- 9	4
10-19	4
20-29	27
30-39	26
40-49	12
50-59	9
60-69	5
70-	5
TOTAL	92



UNDETERMINED MODE OF DEATH BY MONTH

JULY 1, 1980 - JUNE 30, 1981



UNDETERMINED MODE OF DEATH BY TYPE, AGE, AND SEX

JULY 1, 1980 - JUNE 30, 1981

		AGE GROUP									
TYPE	SEX	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	UNK	SUB TOTAL	TOTAL
DRUGS	M			1	1		1				3	
	F								1		1	4
BLUNT FORCE	M			2	1	2	1	1			7	
	F	2					1				3	10
FIREARMS	M										0	
	F										0	0
CARBON MONOXIDE	M										0	
	F										0	0
BURNS	M					2					2	
	F										0	2
FALL	M						1				1	
	F										0	1
POISON	M										0	
	F										0	0
SEIZURE DISORDER	M										0	
	F										0	0
DROWNINGS	M				1						1	
	F										0	1
VEHICLE INVOLVED	M			2							2	
	F			1							1	3
OTHER	M			1	3		1	1	1		7	
	F			2							2	9
UNDETERMINED AFTER AUTOPSY	M	1	1	8	13	7	3	1	1		35	
	F	1	3	10	7	1	2	1	2		27	62
	U											
SUB TOTAL	M	1	1	14	19	11	6	4	2		58	
	F	3	3	13	7	1	3	1	3		34	92
	U											
TOTAL		4	4	27	26	12	9	5	5		92	

UNDETERMINED DRUG DEATH BY TYPE, AGE, AND SEX

JULY 1, 1980 - JUNE 30, 1981

TYPE DRUGS	SEX	AGE GROUP 0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
BARBITURATES	M									0	
	F									0	0
NARCOTICS	M									0	
	F									0	0
COMBINED BARBITURATES AND NARCOTICS	M									0	
	F									0	0
ANALGESICS	M							1		1	
	F									0	1
ANESTHETICS	M									0	
	F									0	0
HYPNOTICS, SEDATIVES, AND TRANQUILIZERS	M									0	
	F									0	0
STIMULANTS AND ANTIDEPRESSANTS	M									0	
	F									0	0
MULTIPLE DRUGS	M				1					1	
	F									0	1
OTHER DRUGS	M			1						1	
	F									0	1
UNKNOWN DRUGS	M									0	
	F								1	1	1
ETHANOL ONLY	M									0	
	F									0	0
POISONS	M									0	
	F									0	0
SUB TOTAL	M			1	1			1		3	
	F								1	1	4
TOTAL				1	1			1	1	4	

UNDETERMINED DRUG DEATH BY ETHNIC GROUP, TYPE, AND SEX

JULY 1, 1980 - JUNE 30, 1981

TYPE DRUGS	SEX	ETHNIC GROUP						SUB TOTAL	TOTAL
		WHITE	SPANISH SURNAME	BLACK	JAPANESE	CHINESE	OTHER		
BARBITURATES	M							0	
	F							0	0
NARCOTICS	M							0	
	F							0	0
COMBINED BARBITURATES AND NARCOTICS	M							0	
	F							0	0
ANALGESICS	M			1				1	
	F							0	1
ANESTHETICS	M							0	
	F							0	0
HYPNOTICS, SEDATIVES, AND TRANQUILIZERS	M							0	
	F							0	0
STIMULANTS AND ANTIDEPRESSANTS	M							0	
	F							0	0
MULTIPLE DRUGS	M	1						1	
	F							0	1
OTHER DRUGS	M			1				1	
	F							0	1
UNKNOWN DRUGS	M							0	
	F	1						1	1
ETHANOL ONLY	M							0	
	F							0	0
POISONS	M							0	
	F							0	0
SUB TOTAL	M	1		2				3	
	F	1						1	4
TOTAL		2		2				4	

TOTAL DRUG DEATHS BY TYPE, AGE, AND SEX

JULY 1, 1980 - JUNE 30, 1981

TYPE DRUGS	SEX	AGE GROUP 0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-	SUB TOTAL	TOTAL
BARBITURATES	M		2	17	13	12	4	3	3	54	
	F		2	10	16	7	13	8	8	64	118
NARCOTICS	M		3	46	44	12	2	1		108	
	F		1	8	5	3				17	125
COMBINED BARBITURATES AND NARCOTICS	M		1	2	2	1		1	1	8	
	F			1	1	2	1	1		6	14
ANALGESICS	M	1	2	21	14	10	5	5		58	
	F			6	10	4	9		1	30	88
ANESTHETICS	M			7	7	1	1	1		17	
	F		1	4	2	1	4	1		13	30
HYPNOTICS, SEDATIVES, AND TRANQUILIZERS	M	1	1	10	3	1	3	3		22	
	F	1	2	2	5	8	3	1	1	23	45
STIMULANTS AND ANTIDEPRESSANTS	M	2	1	12	12	4	1	1		33	
	F		3	6	11	5	3	3		31	64
MULTIPLE DRUGS	M		1	16	31	9	4	1	2	64	
	F		3	12	20	12	7	5	5	64	128
OTHER DRUGS	M		1	5	1	2	1	1		11	
	F				3		2	1	1	7	18
UNKNOWN DRUGS	M			1	2	1	2		1	7	
	F				1	1			1	3	10
ETHANOL ONLY	M	2	1	5	7	3	1			19	
	F				1	2	1		1	5	24
POISONS	M				5	5	1	1		12	
	F		1	2	1			1	1	6	18
SUB TOTAL	M	6	13	147	141	57	25	17	7	413	
	F	1	13	52	75	45	43	21	19	269	682
TOTAL		7	26	199	216	102	68	38	26	682	

TOTAL DRUG DEATHS BY ETHNIC GROUP, TYPE, AND SEX

JULY 1, 1980 - JUNE 30, 1981

TYPE DRUGS	SEX	ETHNIC GROUP						SUB TOTAL	TOTAL
		WHITE	SPANISH SURNAME	BLACK	JAPANESE	CHINESE	OTHER		
BARBITURATES	M	40	8	6				54	
	F	47	3	11	1	2		64	118
NARCOTICS	M	71	14	23				108	
	F	11	2	4				17	125
COMBINED BARBITURATES AND NARCOTICS	M	7	1					8	
	F	2	1	2			1	6	14
ANALGESICS	M	42	2	13		1		58	
	F	20	2	6	1		1	30	88
ANESTHETICS	M	7	2	7			1	17	
	F	12		1				13	30
HYPNOTICS, SEDATIVES, AND TRANQUILIZERS	M	22						22	
	F	18		4			1	23	45
STIMULANTS AND ANTIDEPRESSANTS	M	21	1	9	1		1	33	
	F	29	1	1				31	64
MULTIPLE DRUGS	M	52	2	9			1	64	
	F	49	2	12			1	64	128
OTHER DRUGS	M	9		1			1	11	
	F	4	1	2				7	18
UNKNOWN DRUGS	M	4	1	2				7	
	F	3						3	10
ETHANOL ONLY	M	10	3	6				19	
	F	3	2					5	24
POISONS	M	10	1			1		12	
	F	4	1	1				6	18
SUB TOTAL	M	295	37	74	1	2	4	413	
	F	202	15	44	2	2	4	269	682
TOTAL		497	52	118	3	4	8	682	