1971-72, 1972-73

BIENNIAL REPORT

of the

CHIEF MEDICAL EXAMINER-CORONER

THOMAS T. NOGUCHI, M.D.

Chief Medical Examiner-Coroner

County of Los Angeles

COUNTY OF LOS ANGELES

BIENNIAL REPORT
OF THE
CHIEF MEDICAL EXAMINER-CORONER

THOMAS T. NOGUCHI, M.D.
CHIEF MEDICAL EXAMINER-CORONER

FISCAL YEARS

July 1, 1971 - June 30, 1972

July 1. 1972 - June 30, 1973

BOARD OF SUPERVISORS

WARREN M. DORN, CHAIRMAN, 1971 - 1972, FIFTH DISTRICT

PETER F. SCHABARUM, CHAIRMAN, 1972 - 1973, FIRST DISTRICT

KENNETH HAHN - SECOND DISTRICT

ERNEST E. DEBS - THIRD DISTRICT

JAMES A. HAYES - FOURTH DISTRICT

ARTHUR G. WILL

CHIEF ADMINISTRATIVE OFFICER

BIENNIAL REPORT

OF THE

CHIEF MEDICAL EXAMINER-CORONER

FISCAL YEARS 1971 - 72 and 1972 - 1973

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COUNTY OF LOS ANGELES
DEPARTMENT OF CHIEF MEDICAL EXAMINER-CORONER

1104 NO. MISSION RD., LOS ANGELES, CALIFORNIA 90033
THOMAS T. NOGUCHI, M.D.
CHIEF MEDICAL EXAMINER-CORONER
(213) 223-3231

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

Gentlemen:

Submitted herewith is the Biennial Report, covering the period between the fiscal years 1971 - 1973.

During this period, this Department has been extremely active and has made noticeable progress. A great deal of time was spent in planning and adapting to our new facility which was officially opened in April, 1972.

A heavy workload continued with emphasis on increased homicides.

The workload increase of the complex deaths was met by our already overwhelmed staff. Yet, progress was not curtailed during this period and on March 15, 1972, our Area II substation was opened in the Van Nuys area. The favorable response of the public and concerned agencies in the Long Beach and Van Nuys areas point out that the projected decentralization of this Department is a must.

We hope to continue to progress and improve in our unrelenting effort to serve the people of Los Angeles County.

Respectfully submitted,

Thomas T. Noguchi M.D.

THOMAS T. NOGUCHI, M.D.
CHIEF MEDICAL EXAMINER-CORONER

TTN:mjw

DEPARTMENT OF CHIEF MEDICAL EXAMINER-CORONER

The Department of Chief Medical Examiner-Coroner is responsible for investigating and determining the circumstances, manner and cause of all sudden, unexpected, or unusual deaths in the County of Los Angeles. During the fiscal years of 1971 - 1972 and 1972 - 1973, there were 121,096 deaths recorded in Los Angeles County. By law, 41,557 deaths were reportable to and inquired into by the Chief Medical Examiner-Coroner.

The cause and mode of death of 26,479 of these deaths were certified by the Chief Medical Examiner-Coroner and 11,269 of these cases were examined in the central facility. The remaining 15,210 cases were examined in private mortuaries by the Department's Deputy Medical Examiners.

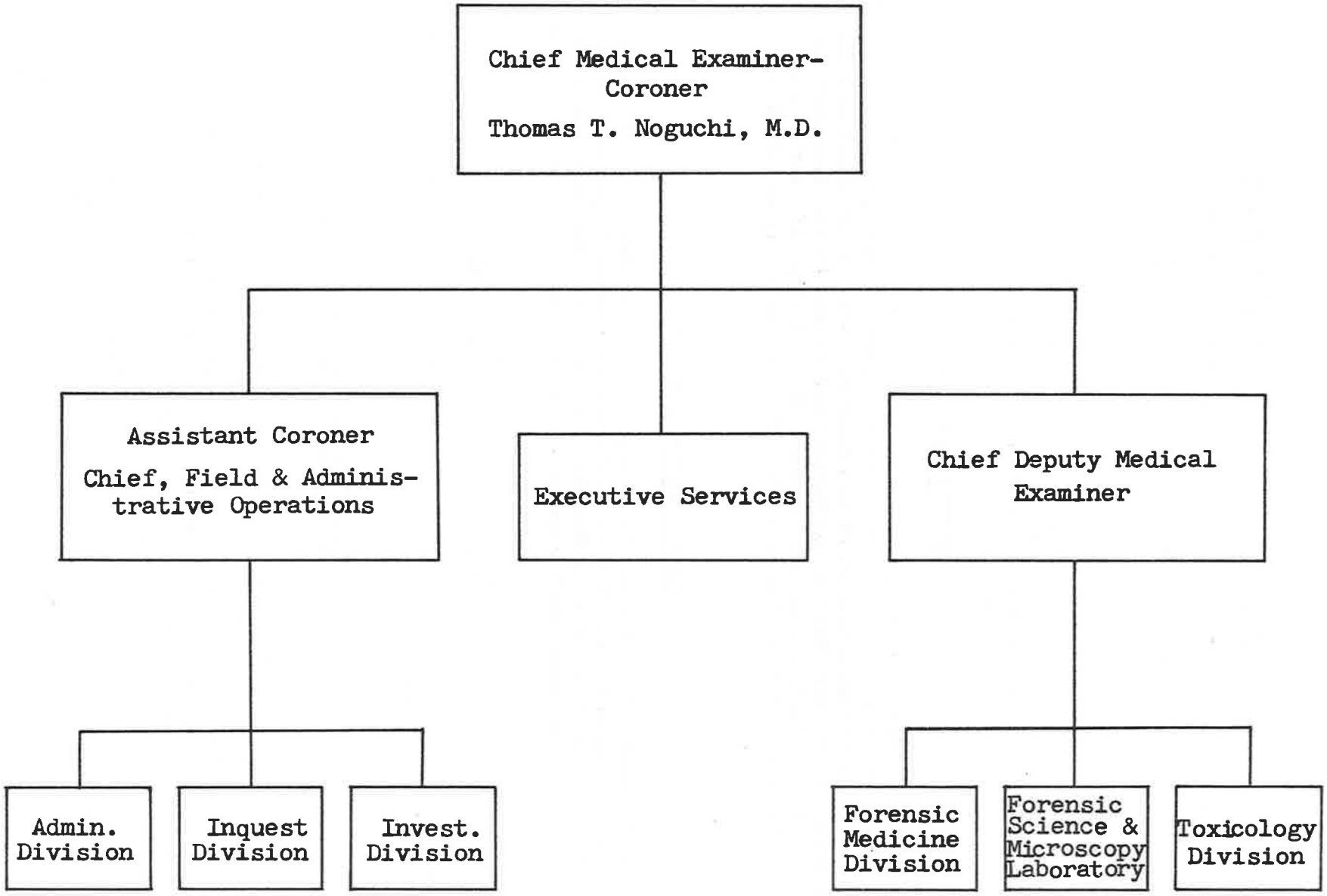
FINANCIAL STATEMENT

EXPENDITURE

	1971 - 72	1972 - 73
Salaries and Employee Benefits	$1,593,342.00	$1,761,513.00
Services and Supplies	220,495.00	295,115.00
Fixed Assets	26,712.00	34,812.00
TOTAL	$1,840,549.00	$2,091,440.00

INCOME

Embalming Fees	$100,259.11	$87,525.00
Sale of Documents	10,350.25	16,714.37
Witness Fees	1,142.10	1,518.55
Grant Funds		108,455.00
Autopsies		1,087.45
Sale of Fixed Assets		101.50
Other Sales	38.00	
TOTAL	$111,789.46	$215,401.87


Chief Medical Examiner-Coroner
Thomas T. Noguchi, M.D.
Assistant Coroner
Chief, Field & Administrative Operations
Executive Services
Chief Deputy Medical Examiner
Admin. Division
Inquest Division
Invest. Division
Forensic Medicine Division
Forensic Science & Microscopy Laboratory
Toxicology Division

CHIEF DEPUTY MEDICAL EXAMINER

The Chief Deputy Medical Examiner is responsible to the Chief Medical Examiner-Coroner for assisting in the administration of the Department, operation of the Forensic Medicine Division and Toxicology Division. He also acts as Department Head in his absence.

EXECUTIVE SERVICES

Secretaries, Administrative Assistants and Special Investigator.

ASSISTANT CORONER

The Assistant Coroner (Chief, Field and Administrative Operations, Coroner) is responsible to the Chief Medical Examiner-Coroner for the administrative functions with which this office is charged. Public information and non-medical liaison are responsibilities personally supervised by the Assistant Coroner. His other functional tasks are within three distinct areas of operational control; (1) The Administration Division, (2) The Inquest Division, and (3) The Investigations Division.

ADMINISTRATION DIVISION

The Administration Division is responsible for personnel, maintenance and microfilming of the Chief Medical Examiner-Coroner's permanent records, payroll and accounting. Also within the Administration Division are the Stenographic and Control Sections which provide secretarial service to the professional staff.

FORENSIC MEDICINE DIVISION

Conducts medico-legal investigations into all Coroner's cases and cases referred to the Department.

INVESTIGATIONS DIVISION

The Investigations Division is responsible for the investigative operation of the Department of Chief Medical Examiner-Coroner, operating out of the central facilities, Long Beach and Van Nuys. Its personnel work closely with all law enforcement and other governmental agencies in the on-the-scene, medico-legal investigations of Coroner's cases. This division 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 the cases coming under the Coroner's jurisdiction to this new facility or specified mortuaries. Technical logistic supports are in this division, such as photography, x-ray and allied services.

INQUEST DIVISION

The Inquest Division is responsible for setting, preparing, conducting, reporting and transcribing all formal inquests heard in Los Angeles County. Inquests are set at the initiation of the Attorney General, District Attorney, or concerned police agencies, where the circumstances surrounding a decedent's death raise some questions of doubt. The hearing is basically of a fact-finding nature, and is open to the public. Approximately three inquests are set each week.

TOXICOLOGY DIVISION

The Toxicology Laboratory is responsible for conducting qualitative and quantitative analysis on specimens submitted by the Deputy Medical Examiners to determine the presence or absence of poisons, drugs or other chemicals. It is also responsible for related duties such as interpretation of toxicological tests and testifying in court.

FORENSIC MICROBIOLOGY AND BIOLOGY LABORATORY

The biology laboratory is responsible for blood typing, the testing of smears for seminal fluid, general cultivation of pathogenic (disease causing) microorganisms which may contribute to the cause of death, and other microorganisms which may be indicative of a cause or type of death. Additional chemistry not related to toxicology is also done.

FORENSIC SCIENCE AND MICROSCOPY LABORATORY

The Forensic Science and Microscopy Laboratory is responsible for the examination of specimens by scanning and transmission electron microscopy and x-ray spectrophotometry and the interpretation of the data obtained therefrom. The Laboratory processes tissues for histopathological examination including the preparation of frozen sections and the utilization of special stains when required.

SOME OF THE MAJOR SECTIONS OF LAW THAT DESCRIBE DUTIES, RESPONSIBILITIES AND AUTHORITY

JURISDICTION OF A DEATH BY THE CORONER

Government Code Section 27491 -
Generally states that it shall be the duty of the Coroner to INQUIRE into and DETERMINE the CIRCUMSTANCES, MANNER and CAUSE of approximately one out of three deaths that occur in Los Angeles County. The types are listed in the law.

Health & Safety Code Section 10250 -
This section further states what types of deaths must be reported to the Coroner.

Section 10251 -
States the Coroner must investigate the deaths listed in Section 10250.

AUTOPSY BY THE CORONER

Government Code Section 27491.4 -
Gives the basic discretional power to autopsy and analyze tissues and contents.

Section 27491.5 -
States how the Coroner will certify a cause of death without inquest or autopsy; investigate and get statements and after medical consultation with licensed physician.

Section 27520 -
Coroner SHALL autopsy when requested by next-of-kin, Coroner's case or not.

Health & Safety Code Section 7114 -
Extension of Coroner's authority to autopsy without consent of next-of-kin.

California Labor Code No. 5706 -
Labor Commission may REQUIRE an autopsy by the Coroner on a case the Commission is hearing if the case is a Coroner's case.

NON-AUTOPSY DUTIES WITH THE BODY

Government Code Section 27491.25 - 11-30-1970

All traffic deaths over 15 years of age who die in less than 24 hours, the Coroner SHALL run an alcohol and barbiturate level.

Section 27471 - Year: 1947 -

The Coroner's authority to embalm or have embalmed a Coroner's case and collect a $50.00 fee.

Penal Code Section 11113 -

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

DOCUMENTS THE CORONER IS RESPONSIBLE FOR (OTHER THAN DEATH CERTIFICATES)

No. 1-Coroner's File:
Government Code Section 27463 and 27463.5 -

Coroner's Register and Coroner's File -

1. After 5 years can be reduced to microfilm.
2. This is a public document and available for sale and for viewing.
3. The above is described as to what it must contain.

No. 2-Death Certificate:
Government Code Section 27491.5 -

Cause of death appearing on certificates; conformity with findings; determination without autopsy Investigation statements consultation with licensed physician.

Health & Safety Code Sections

10175) Fetal death registration -
10180) All fetal deaths that cannot be attested to by a physician,
10185) that have reached the 20th week of uterogestation will be
10186) certified by the Coroner.
10190)

10203) Medical and health section data of death certificate to be certified by Coroner
10204) Time to certify medical and health data by Coroner - 3 days

DEATH CERTIFICATE

Health & Safety Code Section 10252 -
The Coroner shall within 3 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).

Section 10410 -
The Coroner shall register with Local Registrar all data known - particulars.

Section 10411 -
Amendments - How to be done

PROPERTY

Government Code Section 27461 -
Sale of personal property to pay burial expenses by Coroner if he applies to Superior Court Judge.

Section 27462 -
Coroner to file with Clerk of the Court a statement showing amount of property and result of sale. If not sufficient to bury - Other are legal charges against County.

Section 27464 -
Notes - letter - document - directing disposition of property or remains - File with County Clerk. Suicidal - facsimile to be retained with Coroner's file - original to addressee - if Inquest - read into transcript.

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.

Section 27466 -
Unclaimed property (found on decedent) after 30 days to be sold - delivered to Treasurer, with Affidavit.

Section 27467 -
If above not done, after 40 days the District Attorney may proceed against Coroner to do so or recover by civil action.

Section 27468 -
If within 30 days after an Inquest, no legal representative of deceased demands property found upon decedent, the Coroner SHALL sell at Public Auction and deliver proceeds to Treasurer for credit to County.

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 - but not to interfere with law enforcement - if investigating.

INDIGENTS

Health & Safety Code Section 7104 -
Coroner shall inter as indigent when no one can - deaths that occur, no matter where, if resident of his County.

Section 7105 -
Coroner can be made a defendant, if filed upon to inter.

Section 7108 -
Manner of internment by Coroner for indigent dead.

INQUESTS

Government Code Section 68092 and 68095 -

Interpreters, translators fees, witness fees and mileage fees for Coroner's Jury.

Section 27491.6 -
Coroner MUST hold Inquest when requested by: Sheriff, City Prosecutor, City Attorney, Chief of Police, etc. - OR at the Coroner's discretion.

Section 27491.7 -
TheCoroner, his authorized Deputy or a Hearing Officer shall conduct the Inquest.
27496, 27496.5, 27497, 27498, 27499, 27499.1, 27500, 27501, 27502, 27502.2, 27503, 27504, 27504.1, 27511, 27512.
all govern Inquest - transcripts and their filing of same within 10 days with the County Clerk.

DISINTERMENTS

Government Code Section 27491.4 -
Coroner's power to exhume a body.

Agencies to Notify:

Government Code Section 27491.1 -
Deaths where criminal means are suspected - police must be notified immediately by phone - and a written report.

Vehicle Code, 20011 -

Coroner's Report - before the 10th day of each month - a report in writing to the Department of Highway Patrol of all traffic fatalities - and the circumstances. Many other reportables - by regulation and policy. Health Department, Department of Water and Power, Gas Company, FAA, National Transporation & Safety Board, etc.

HISTORY OF THE DEPARTMENT

It is difficult for this Department to accurately account for how it has evolved, because of Administrative changes, long being an ex-officio office. Because of no prior need, there is little record in our Archives. Anticipating our occupancy in the new facility prompted us to research what records were available, our oldest records being the Coroner's files from 1888 and the oldest budget found was 1954's.

This is to the best of our knowledge with limited research material.

1850 - Coroner's Office is established. Law said little about jurisdiction or procedure, except that the Coroner must keep "records."

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

1888 - Little change in operation, except to handle a population growth from 3,530 to approximately 100,000 and a legal definition of what records the Coroner must keep and that this "Coroner's File" is to be a public record.

1905 - Death certificate becomes required by law. Population approximately 350,000. Embalming established as a practice by morticians enabling bodies to be held longer before examination.

Inquests seem to be the main method by the Coroner to determine the cause, manner, and the responsiblity of death.

Occasional autopsies being done where cause of death is unknown or suspected of poisoning. Heavy metals, cyanide, strychnine, morphine, opium and other poisons caused the Coroner to occasionally enlist the services of a Chemist.

1915 - Operations remain the same, except for handling population increase to 700,000. From 1900, the number of Coroner's cases seem established at one case per year per approximately 600 of population. Vital statistics become effective. Paper work starts to mount. (Coroner's File, Inquest Records, photographs, autopsy and chemical analysis records, reporting certain deaths to agencies. [Health Dept., Police, etc.]).

1915 thru 1926 - This period is a development of the above with greater sophistication now available and demanded in fields of autopsy and chemistry. X-ray, microscopy, culture, and criminalist techniques are developed.

Concern over the reporting of statistics and scientific findings shown.

Population now approximately 1-1/2 million; Coroner's cases 2,500 per year.

Most of the population is in the "metropolitan" Los Angeles.

Los Angeles County Health Department now doing our few toxicological studies, as our needs were not yet enough to warrant our chemists. However, there was need for a central facility to autopsy, photograph, fingerprint, control evidence and property, and to conduct other scientific tests. This created a need to store bodies.

The current staff included administration support from the Public Administrator, two autopsy surgeons, two inquest deputies, two deputy coroners and some clerical staff.

Inquests still are the main determination of the cause and manner of death, using the autopsy, chemical, and police investigative findings to add technical testimony.

Complicated deaths of therapeutic, suicide, industrial and others that cause much litigation were not yet here. The same can be said of traffic deaths.

Although certain problems were in their infancy, others mentioned were matured enough to cause the County to greatly increase the Coroner's staff and open a central Coroner's Office with facilities to process Coroner's cases in a more desirable scientific environment. Deputy Coroners, Autopsy Surgeons, Clerks and Technicians were added. Embalming was established.

Autopsy tables, embalming tables, instruments, cameras, dark rooms, refrigeration, vehicles and an Inquest Room were provided, as well as the routine office spaces.

It goes without saying that a major budgetary increase occurred in 1926, as well as the establishment of many services to public and agencies.

1942 - Coroner's cases now about 5,500 per year. Population about 2,800,000. Increased road traffic resulted in many traffic deaths. Insurance, litigation and concern over the liablity of the drivers.

Courts become concerned over the cause of death and the behavioral influence of traffic victims. Alcohol blood test and other tests become almost routine for Coroner to conduct.

Occasional overdoses now become a problem in determining the cause and mode of death, as insurance payments depended on certification as accidental overdose or suicide overdose.

A toxicologist and his staff is now transferred from the Health Department to the Coroner. His entire laboratory (located in the Hall of Justice) was also transferred to the Coroner's budget.

1956 - Los Angeles County voted a Charter Amendment to split the Public Administrator and the Coroner's Office. The Coroner is renamed the Chief Medical Examiner-Coroner and must be a Pathologist.

This too required that certain medical administrative changes be made.

Greater emphasis on medical and toxicological findings are required by the Medical and Legal world. Court time by experts begins to mount.

The change from the Autopsy Surgeon to Forensic Pathologists has become necessary to qualify as an expert in courts on certain cases.

Further sophistication of scientific equipment is necessary to "keep up" with private advancements of the medical and scientific professions.

Population is now more than 5,000,000 and Coroner's cases are now about 10,000 per year.

Population spreads outward from Metropolitan area because of congestion. Inflationary climb becomes a problem to keep up with recruitment and purchases of a quality needed for our exacting work.

Documentation becomes more demanding as the judicial world changes.

The original boundaries of the Coroner's metropolitan district have become meaningless as the dense population spreads.

Expansions during the next few years occurred to cope with this, naturally causing personnel needs.

Narcotic and other deaths start to increase and new scientific determinations are needed, meaning that more autopsies must be done on the unembalmed bodies. Since the mortuaries are not equipped to provide this service to the County, more bodies had to be brought into the central facility from "outside" districts.

Transient and migratory people dying in Los Angeles County begins to be a problem in identification, notification and storage.

These needs resulted in a major overhauling in our Hall of Justice facility. Labs, refrigeration and storage space was increased.

1961 - Population now over 6,000,000 and Coroner's cases approximately 11,000 per year.

Drug deaths, suicides, homicides and traffic deaths increase above the normal population increases.

There is a lack of uniformity among counties on what is a Coroner's case in natural deaths because of vagueness and silence in Government Code 27491.

Legislators look into this Section and had it defined; this County's old "policy" was that a natural, where the physician had not seen the patient alive, reportable to the Coroner.

The new law states that the death is reportable when the physician has not been in attendance in 10 days prior to death.

Compliance with the new law would mean that the Coroner would have to accept jurisdiction on approximately one-third more cases.

Knowing this could not be done with the present budget, an agreement was reached between the Los Angeles County Health Department, State Bureau of Registration and the Chief Medical Examiner-Coroner.

These additional one-third cases were reportable to the Coroner and he would inquire into these deaths. This requires consultation between person reporting the case, person receiving the call, private physician, and the Coroner's Deputy Medical Examiner. Paper work is generated, filed in this Department and the Health Department.

This caused a realistic work load increase that at present we are meeting with minimal budgetary increases.

1964 - Many new problems in complex medical legal investigation are now prominent. Routine police investigations (and their late information), lack of control over the morticians personnel quality or reports, and this Department's use of personnel dividing their time between investigation, embalming, autopsy services, and custodial support created a pilot program which included specific training and experience to a few Deputy Coroners to become specialists in the needed field of Coroner's investigation.

The improvement in quality was positive and the Coroner's Investigator specialists became a reality of service in 1965.

1961 to 1971 Generally, this period again was one of population increase to over 7,000,000 and the Coroner's cases increased to the 14,000 mark. Other changes are noticed.

Civil disobedience and the drug culture occured. There is an alarming increase in homicides, suicides, and drug involved deaths. Court time and document presentation demanded by the District Attorney, Public Defender, law enforcement, insurance companies, etc., not only causes strain on personnel staffing, but increases the Department's documentation of records, evidence, microscopic slides, tissue, photographs, x-rays, clothing, etc.

Problems arising between community groups and enforcement agencies arose accentuating the Department's need for the above and to have all procedures objective and not left for challenge.

Security and chain of evidence had to be strengthened.

Deaths from drug complication, homicides, accidents, etc., have risen faster than scientific investigative needs are supplied and death certificates require more time to issue. Public complains.

During this time of mandatory workload increase, the productive work days of the employees realized to the Department steadily decreased.

This has become a budgetary control problem to a small Department that must staff "key" personnel seven (7) days a week and in many cases 24 hours per day.

During this time another service has developed the time consuming problem of disseminating information demanded by Local, State and Governmental agencies, press, educational and other groups.

1970 - One other service did occur during this time. In February, this Department, following the Board of Supervisors approval, opened its first substation as a start to total county-wide decentralization.

This is in the Long Beach area and the satisfaction has been hearalded by those local Funeral Directors, the Police, press and citizens. This community-oriented office speeds up death certificate issuance.

1972 - March 15, 1972, the second substation will be operational in the San Fernando Valley.

1973 - Scanning and Transmission Electron Microscopy program in full operation.

1900 - 1971 COMPARISON STATISTICS

YEAR	CORONER'S CASES CERTIFIED	L.A. COUNTY POPULATION	ANNUAL RATIO OF CORONER'S CASES PER POPULATION
1900	339	170,298	1-502
1910	646	504,131	1-780
1920	1,552	936,455	1-604
1930	3,894	2,208,492	1-572
1940	5,456	2,785,643	1-510
1950 - 51	7,774	4,172,220	1-531
1960 - 61	10,825	6,068,148	1-560
1970 - 71	13,715	7,032,075	1-513

CHIEF MEDICAL EXAMINER-CORONER'S FORENSIC SCIENCE CENTER

The Forensic Science Center is a most modern building, containing instrumentation devoted to the science of Forensic Medicine--that is death investigation and/or legal medicine.

The four-story, 55,000 square foot building, on which construction started in February, 1970 and which was dedicated in April, 1972, cost approximately three and one-half million ($3,500,000.00) dollars with its purchased equipment. Leased equipment brings the dollar value of the property much higher.

The building design and its instruments are unique from most buildings because the total operation is tailored around a specific function. For example, one of the purchased items is the closed-circuit Television system that works in relation to extremely tight security measures. The exterior doors of the Security floor permit exit only; only the elevator, with its key-operated switchboard, permits entry to this floor. Throughout the building, corridors on the other three non-security floors, cameras scan the hallways and doors; other cameras monitor all outside doors of the building. This same scanning system of black and white, as well as color cameras and monitors, also ties into video tape-recording facilities which also join a microfilm system. Thus, part of the television network can video tape medico-legal examinations and play back micro-filmed information on file in the building's library.

Still another part of the system is used to ease the shock to family and friends having to identify the deceased. The identifying person enters a room where viewing is done on a color television monitor. Experience shows us that this creates less emotional trauma for the viewer, who views the subject on the screen much like a photograph.

While three floors of the building are open only during business hours, the Security Floor is open 24-hours a day to handle some 20,000 reported deaths in Los Angeles County yearly. Some 6,000 autopsies and post-mortem examinations were performed here to determine the cause and mode of death.

Also there will be found two Electron Microscopes. One is a Scanning Microscope, which has an Electron Scan or sweep of the surface of a specimen at magnifications up to 100,000 times. The other is a Transmission Microscope, which has an Electron bombardment to penetrate a very thin specimen at magnifications up to 500,000 times.

Other equipment includes the x-ray instrumentation with its accompanying hoists and special turning table to permit operation from vertually any angle. A related x-ray developer, which produces a dry, ready to read, x-ray picture in 90 seconds. A Balliscan camera to photograph the full circumference of a bullet for documentation purposes; an automated photo lab, which consists of printers, enlargers, processors, driers, etc., to turn out the some 35,000 photographic documents per year ordered for courts and other legal investigation agencies.

In the Toxicology Laboratories on the Second Floor, are the Gas Chromatographs, Spectrometers and automated Infra-Red and Ultra Violet Spectrophotometers, all used in the identification of toxic substances in blood and tissue.

Depending on the function of a room, some doors within the building are opened by "seeing eye" light scanners--where a technician can enter with remains without the contamination of knob turning; other doors have push button or elbow-high wall-plunger electric door openers.

An elaborate exhaust system is set into examination tables, as well as into walls and ceilings to help control disagreeable and unhealthy exposure and permit rapid changes of air in some rooms. Some of these, available for expected victims of highly contagious disease, have the withdrawn air burned at roof-top level by incineration.

DISTRICT OFFICES

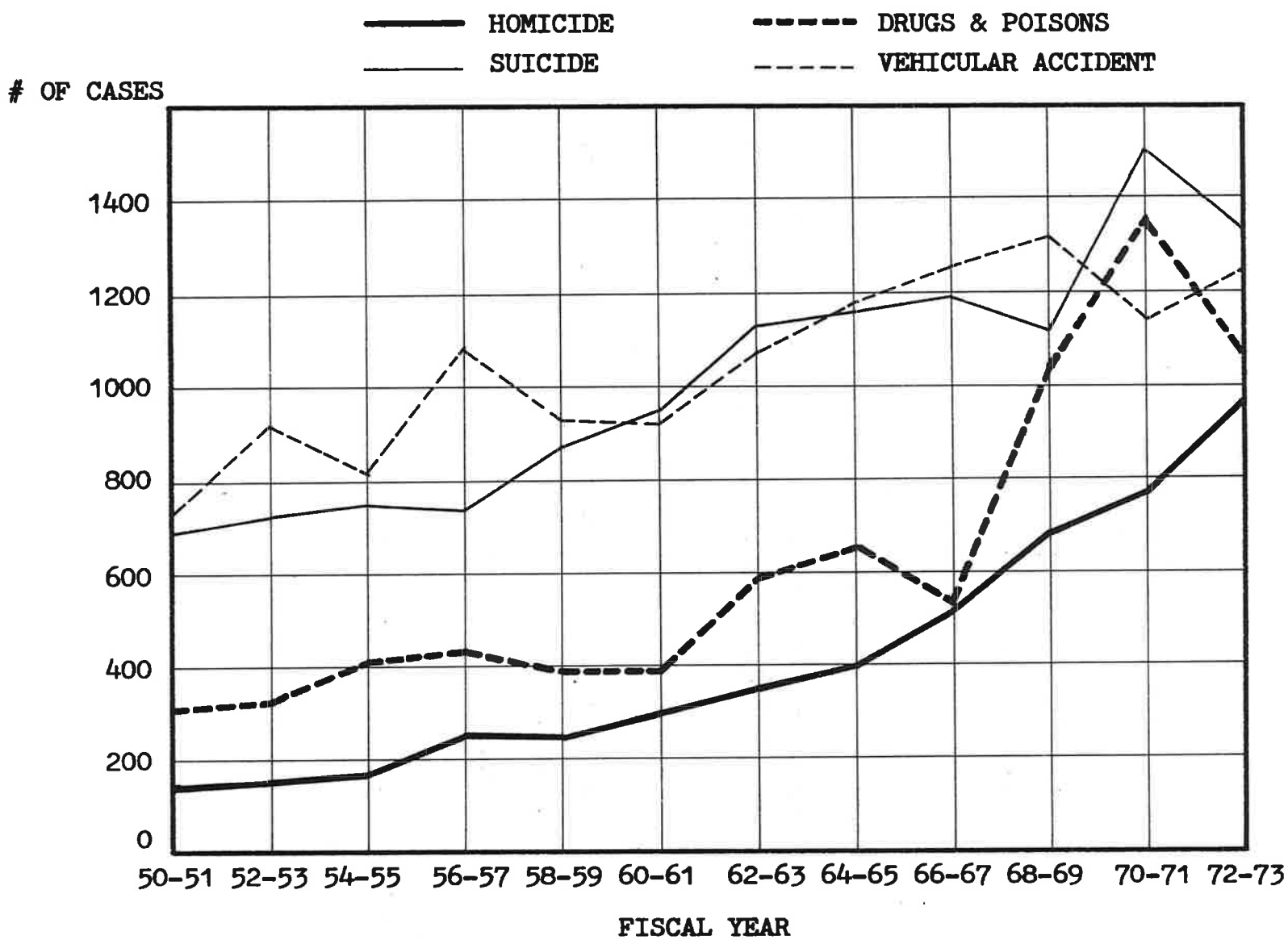
The Area I and Area II Offices are responsible for all Coroner's cases in the Long Beach and Van Nuys Areas, respectively, from the initial investigation to the issuance of the final death certificate. Personnel from these offices work closely with all law enforcement agencies, hospitals, and the health departments. They conduct medico-legal investigations of Coroner's cases, take at-the -scene photographs and assume custody of personal property found on the person of the deceased. They conduct follow-up investigations, make death notifications and obtain additional medical and social history.

The services now being offered by the branch offices are greatly appreciated by the law enforcement agencies, hospitals, health departments, medical profession, funeral directors and the public in general.

The Department feels that decentralization is a must to give equal service to all taxpayers.

CHIEF MEDICAL EXAMINER-CORONER
COUNTY OF LOS ANGELES

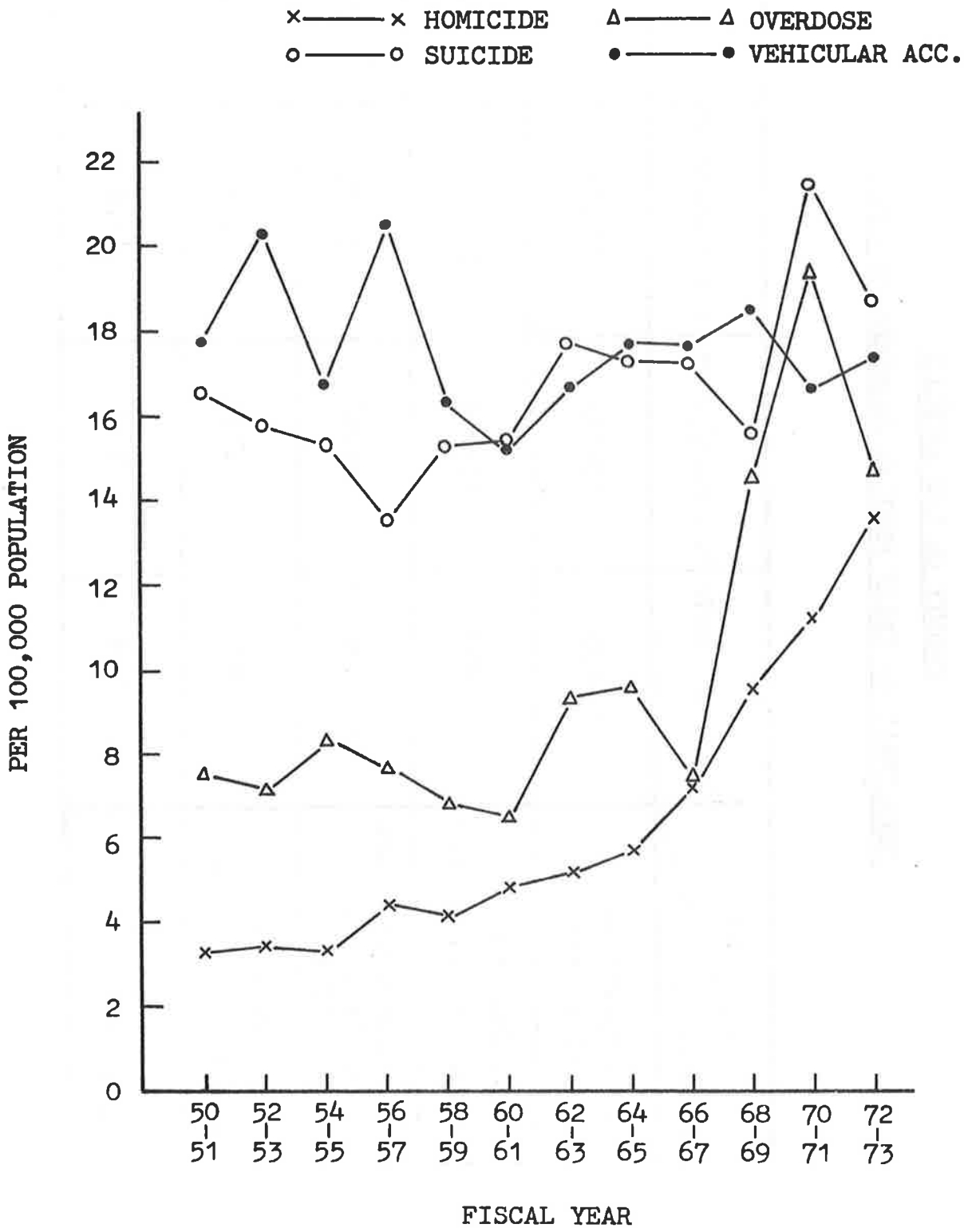
23-YEAR COMPARISON OF SOME SPECIFIC DEATHS



CHIEF MEDICAL EXAMINER-CORONER
COUNTY OF LOS ANGELES

23-YEAR RATES OF SOME SPECIFIC DEATHS

(per 100,000 population)



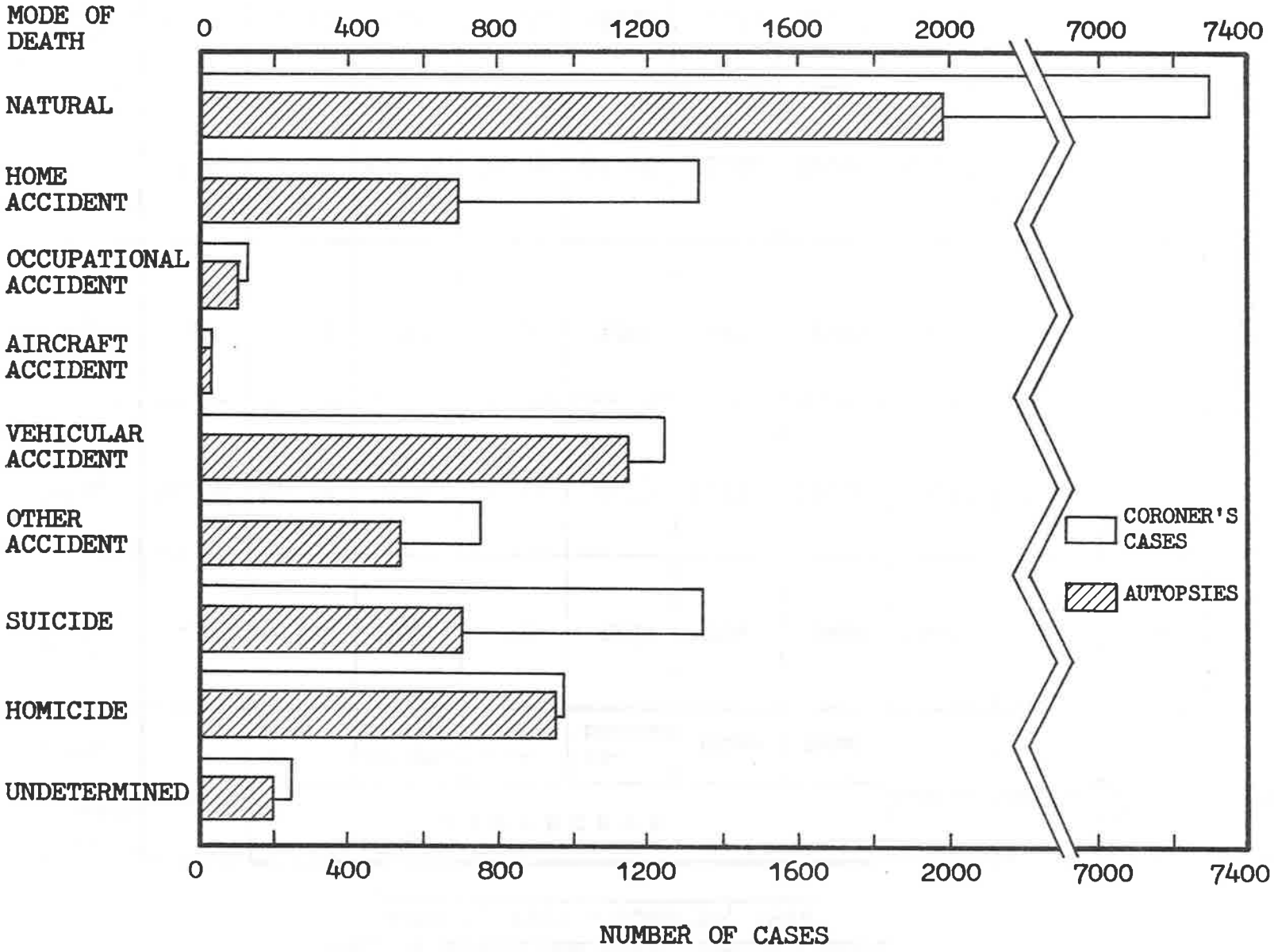
COUNTY OF LOS ANGELES

DEPARTMENT OF CHIEF MEDICAL EXAMINER-CORONER

Population \ Year	7/1/69-6/30/70	7/1/70-6/30/71	7/1/71-6/30/72	7/1/72-6/30/73
Total Number of Coroner's Cases	14,035	13,715	13,238	13,241
Total Number of Deaths in L.A. County	63,269	63,030	59,639	61,457
% of Deaths Which Are Coroner's Cases in L.A. County	22.18	21.76	22.20	21.55
Total Number of Autopsies Performed	6,871	7,534	6,342	6,321
% of Coroner's Cases Autopsied	48.96	54.92	47.91	47.74

AUTOPSIES AND CORONER'S CASES BY MODE OF DEATH

JULY 1972 - JUNE 1973



MODE OF DEATH AND AUTOPSIES PERFORMED

JULY 1, 1971 - JUNE 30, 1972

mode of death / cases & autopsies	NATURAL	ACCIDENTS						SUICIDE	HOMICIDE	UNDETER-MINED	TOTAL
		at Home	Occupa-tional	Air-craft	Ve-hicular	Other	Total				
NUMBER OF M.E. CASES	7275	1344	100	19	1261	704	3428	1442	897	196	13238
% OF TOTAL M.E. CASES	54.96	10.15	0.76	0.14	9.53	5.32	25.90	10.89	6.78	1.48	100.00
NUMBER OF AUTOPSIES	1990	662	97	15	1200	497	2471	817	890	174	6342
% OF MODE-SPECIFIC AUTOPSIES	27.35	49.26	97.00	78.95	95.16	70.60	72.08	56.66	99.22	88.78	47.91
% OF TOTAL AUTOPSIES	31.38	10.44	1.53	0.24	18.92	7.84	38.97	12.88	14.03	2.74	100.00

MODE OF DEATH AND AUTOPSIES PERFORMED

JULY 1, 1972 - JUNE 30, 1973

mode of death / cases & autopsies	NATURAL	ACCIDENTS						SUICIDE	HOMICIDE	UNDETERMINED	TOTAL
		at Home	Occupational	Aircraft	Vehicular	Other	Total				
NUMBER OF M.E. CASES	7301	1330	119	19	1218	732	3418	1332	966	224	13241
% OF TOTAL M.E. CASES	55.14	10.04	0.90	0.14	9.20	5.53	25.81	10.06	7.30	1.69	100.00
NUMBER OF AUTOPSIES	1989	674	115	19	1153	517	2478	699	956	199	6321
% OF MODE-SPECIFIC AUTOPSIES	27.24	50.68	96.64	100.00	94.66	70.63	72.50	52.48	98.96	88.84	47.74
% OF TOTAL AUTOPSIES	31.47	10.66	1.82	0.30	18.24	8.18	39.20	11.06	15.12	3.15	100.00

TOTAL CASES BY AGE GROUP, SEX & MODE OF DEATH

JULY 1, 1971 - JUNE 30, 1972

age group	sex	NATURAL	ACCIDENTS						SUICIDE	HOMICIDE	UNDE-TERMINED	TOTAL
			at home	Occupa-tional	Aircraft	Ve-hicular	Other	Total				
stillborn	M	15	1			5	1	7			1	23
	F	11	1			2	1	4		1		16
< 1mo	M	21	2			2	1	5		3	2	31
	F	23					1	1		4	2	30
1mo < 1yr	M	147	16			3		19		4	2	172
	F	111	4			2	1	7		1		119
1 ≤ 9	M	32	65		1	70	8	144		9	2	187
	F	28	39		2	36	5	82		11	1	122
10 ≤ 19	M	31	18	8	1	147	34	208	61	90	13	403
	F	18	12		1	62	14	89	42	22	8	179
20 ≤ 29	M	92	113	16	4	243	111	487	195	241	27	1042
	F	53	33	1		73	25	132	118	58	25	386
30 ≤ 39	M	177	63	12	5	100	54	234	121	159	15	706
	F	95	33	1		26	19	79	86	35	19	314
40 ≤ 49	M	572	61	26	3	89	57	236	142	94	13	1057
	F	239	33			42	24	99	119	24	11	492
50 ≤ 59	M	1105	56	16	2	83	50	207	143	50	14	1519
	F	408	47			39	12	98	113	16	8	643
60 ≤ 69	M	1237	68	15		62	51	196	84	28	9	1554
	F	526	47			29	18	94	76	7	6	709
70 ≤	M	1259	218	5		81	83	387	79	19	4	1748
	F	1074	414			65	134	613	62	21	8	1778
unknown	M										6*	6
	F	1							1			2
Total	M	4688	681	98	16	885	450	2130	825	697	108	8448
	F	2587	663	2	3	376	254	1298	617	200	88	4790

* including 5 sex unknown

AUTOPSIES BY AGE GROUP & MODE OF DEATH

JULY 1, 1971 - JUNE 30, 1972

age group	sex	NATURAL	ACCIDENTS						SUICIDE	HOMICIDE	UNDE-TERMINED	TOTAL
			at home	Occupa-tional	Aircraft	Ve-hicular	Other	Total				
stillborn	M	11	1			4	1	6			1	18
	F	9	1			2	1	4		1		14
< 1mo	M	20	2			2	1	5		1	2	28
	F	23					1	1		4	2	30
1mo < 1yr	M	146	15			3		18		3	2	169
	F	111	2			2	1	5		1		117
1 ≤ 9	M	30	53		1	67	8	129		9	2	170
	F	26	34		1	34	5	74		11	1	112
10 ≤ 19	M	28	12	8		143	33	196	39	90	13	366
	F	17	11		1	60	13	85	26	22	8	158
20 ≤ 29	M	80	103	16	4	231	100	454	121	241	26	922
	F	48	30	1		65	24	120	89	57	25	339
30 ≤ 39	M	131	58	12	3	93	52	218	72	159	15	595
	F	76	28	1		23	19	71	58	35	18	258
40 ≤ 49	M	245	49	24	3	85	53	214	71	93	12	635
	F	116	29			37	20	86	82	23	9	316
50 ≤ 59	M	291	45	15	2	81	46	189	55	49	13	597
	F	91	32			37	12	81	62	16	5	255
60 ≤ 69	M	186	32	15		61	46	154	39	28	5	412
	F	80	22			27	10	59	42	7	5	193
70 ≤	M	138	64	5		81	30	180	35	19	4	376
	F	87	39			62	21	122	26	21	5	261
unknown	M										1	1
	F											
Total	M	1306	434	95	13	851	370	1763	432	692	96	4289
	F	684	228	2	2	349	127	708	385	198	78	2053

TOTAL CASES BY AGE GROUP, SEX & MODE OF DEATH
JULY 1, 1972 - JUNE 30, 1973

age group	sex	NATURAL	ACCIDENTS						SUICIDE	HOMICIDE	UNDE-TERMINED	TOTAL
			at home	Occupa-tional	Aircraft	Ve-hicular	Other	Total				
stillborn	M	8				1	1	2			2	12
	F	14				2		2				16
< 1mo	M	18										18
	F	21	1			2		3				24
1mo < 1yr	M	136	15			7		22		1	2	161
	F	110	9			3	1	13		4	1	128
1 ≤ 9	M	36	60		1	74	13	148		22	5	211
	F	35	36			25	2	63		8	3	109
10 ≤ 19	M	27	32	4	5	185	45	271	59	134	8	499
	F	25	17			48	12	77	28	25	7	162
20 ≤ 29	M	87	118	22	2	232	128	502	209	238	27	1063
	F	52	49	1	1	62	30	143	89	49	25	358
30 ≤ 39	M	184	60	22	1	97	64	244	130	156	20	734
	F	102	25	1		28	20	74	83	35	21	315
40 ≤ 49	M	553	47	22	2	70	55	196	131	107	20	1007
	F	238	23			42	27	92	86	19	14	449
50 ≤ 59	M	1081	60	23	6	66	37	192	115	60	10	1458
	F	425	54	2	1	24	15	96	101	21	19	662
60 ≤ 69	M	1247	70	14		53	33	170	84	29	9	1539
	F	553	49			34	17	100	66	13	11	743
70 ≤	M	1296	200	8		84	83	375	90	22	7	1790
	F	1053	405			79	149	633	60	22	8	1776
unknown	M								1	1	5	7
	F											
Total	M	4673	662	115	17	869	459	2122	819	770	115	8499
	F	2628	668	4	2	349	273	1296	513	196	109	4742

AUTOPSIES BY AGE GROUP & MODE OF DEATH

JULY 1, 1972 - JUNE 30, 1973

age group	sex	NATURAL	ACCIDENTS						SUICIDE	HOMICIDE	UNDE-TERMINED	TOTAL
			at home	Occupa-tional	Aircraft	Ve-hicular	Other	Total				
stillborn	M	7				1		1			2	10
	F	9				2		2				11
< 1mo	M	17										17
	F	19	1			2		3				22
1mo < 1yr	M	133	13			7		20		1	2	156
	F	109	9			3	1	13		4	1	127
1 ≤ 9	M	32	51		1	71	12	135		21	5	193
	F	32	32			24	2	58		8	3	101
10 ≤ 19	M	25	22	4	5	174	43	248	32	134	8	447
	F	23	15			45	11	71	18	25	7	144
20 ≤ 29	M	78	107	22	2	216	125	472	117	237	25	929
	F	47	46	1	1	61	29	138	61	47	24	317
30 ≤ 39	M	146	56	20	1	26	60	228	65	156	19	614
	F	80	25	1		63	19	71	57	35	19	262
40 ≤ 49	M	243	40	22	2	41	53	180	53	106	17	599
	F	116	21			63	25	87	47	18	13	281
50 ≤ 59	M	248	40	22	6	23	35	166	56	60	8	538
	F	102	41	2	1	52	13	80	66	20	15	283
60 ≤ 69	M	215	38	14		31	22	126	30	29	9	409
	F	118	17			82	12	60	31	12	7	228
70 ≤	M	128	40	7		75	28	157	33	22	7	347
	F	62	60				27	162	32	20	7	283
unknown	M								1	1	1	3
	F											
Total	M	1272	407	111	17	820	378	1733	387	767	103	4262
	F	717	267	4	2	333	139	745	312	189	96	2059

DEATHS FROM NATURAL CAUSES - IN MAJOR GROUPS

(INTERNATIONAL WORLD HEALTH CODE)

JULY 1, 1971 - JUNE 30, 1972

cases / disease	no. of cases			cases autopsied	% of disease-specific autopsies	% of grand total
	male	female	total			
Infective & Parasitic diseases	17	17	34	31	91.18	0.47
Neoplasm, cancer, tumors	93	70	163	60	36.81	2.24
Endocrine, Nutritional & Metabolic Diseases	23	19	42	12	28.57	0.58
Diseases of the Blood & Blood-forming Organs	5	4	9	9	100.00	0.12
Mental & Psychoneurotic Disorders	5	3	8	6	75.00	0.11
Diseases of the Nervous System & Sense Organs	34	28	62	41	66.13	0.85
Diseases of the Circulatory System	3818	2054	5872	1168	19.89	80.71
Diseases of the Respiratory System	212	161	373	342	91.69	5.13
Diseases of the Digestive System	392	166	558	191	34.23	7.67
Diseases of the Genito-urinary System	6	7	13	10	76.92	0.18
Diseases of Pregnancy, Childbirth & Puerperium	2	5	7	5	71.43	0.10
Diseases of the Skin & Cellular Tissue	2	2	4	4	100.00	0.05
Diseases of the Bones & Other Organs of Movement	2	1	3	3	100.00	0.04
Congenital Anomalies	22	12	34	29	85.29	0.47
Diseases of Early Infancy, Prematurity	10	9	19	15	78.95	0.26
Stillbirths	7	5	12	10	83.33	0.16
Symptoms of Senility & Ill-defined Conditions	36	21	57	50	87.72	0.78
Undetermined Causes & Miscellaneous	2	3	5	4	80.00	0.07
Total	4688	2587	7275	1990	27.35	100.00

DEATHS FROM NATURAL CAUSES - IN MAJOR GROUPS

(INTERNATIONAL WORLD HEALTH CODE)

JULY 1, 1972 - JUNE 30, 1973

cases / disease	no. of cases			cases autopsied	% of disease-specific autopsies	% of grand total
	male	female	total			
Infective & Parasitic diseases	13	9	22	16	72.73	0.30
Neoplasm, cancer, tumors	72	82	154	56	36.36	2.11
Endocrine, Nutritional & Metabolic Diseases	16	17	33	17	51.52	0.45
Diseases of the Blood & Blood-forming Organs	2	2	4	4	100.00	0.05
Mental & Psychoneurotic Disorders	8	4	12	9	75.00	0.16
Diseases of the Nervous System & Sense Organs	35	36	71	47	66.20	0.97
Diseases of the Circulatory System	3935	2091	6026	1147	19.03	82.54
Diseases of the Respiratory System	217	159	376	355	94.41	5.15
Diseases of the Digestive System	300	143	443	204	46.05	6.07
Diseases of the Genito-urinary System	4	8	12	10	83.33	0.16
Diseases of Pregnancy, Childbirth & Puerperium		6	6	4	66.67	0.08
Diseases of the Skin & Cellular Tissue	2	1	3	3	100.00	0.04
Diseases of the Bones & Other Organs of Movement		1	1	1	100.00	0.01
Congenital Anomalies	22	17	39	32	82.05	0.53
Diseases of Early Infancy, Prematurity	4	8	12	9	75.00	0.16
Stillbirths	8	14	22	16	72.72	0.30
Symptoms of Senility & Ill-defined Conditions	29	29	58	53	91.38	0.79
Undetermined Causes & Miscellaneous	6	1	7	6	85.71	0.10
Total	4673	2628	7301	1989	27.24	100.00

HOME ACCIDENTS BY AGE GROUP

JULY 1, 1971 - JUNE 30, 1972

cause \ age group		≤ 9	10≤19	20≤29	30≤39	40≤49	50≤59	60≤69	70≤	Un-known	Total
Falls		15	2	4	16	22	41	65	573		738
Burns		13	1	7	10	9	14	18	27		99
Electrocution				2	1						3
Firearms				2	1	1	2				6
Explosion		5	1	1		1					8
Mechanical Suffocation		8	2	1							11
Asphyxiation & Aspiration of Foreign Body		12	1	3	2	5	4	8	9		44
Struck; Crushed by Objects		1	1	2		3	3		1		11
Unspecified Traumatic Injuries		2	1		1		2	1	4		11
Secondary to Self-Injection of Medication					3	4	1				8
Drowning	Pool	41	4	5	5	5	5	5	4		74
	Bathtub	12		1			1		2		16
Over Dose of Drugs	Barbiturates	2	10	28	13	9	9	2			73
	Narcotics		4	55	24	13	3	1			100
	Barbiturates & Narcotics			15	4	4					23
	Other Drugs & Poisons	6	2	6	5	2	2	2	1		26
	Toxic Effect of Alcohol			4		3					7
Carbon Monoxide	By Fire	8		5	5	6	12	12	7		55
	By Auto Exhaust			3	1	1	1				6
	By Natural Gas				3	1	3		1		8
Miscellaneous		3	1	2	2	5		1	3		17
Total		128	30	146	96	94	103	115	632		1344

HOME ACCIDENTS BY AGE GROUP

JULY 1, 1972 - JUNE 30, 1973

cause \ age group		≤ 9	10≤19	20≤29	30≤39	40≤49	50≤59	60≤69	70≤	Un-known	Total
Falls		10		8	7	18	40	65	527		675
Burns		15	5	8	10	6	22	31	38		135
Electrocution			1			1	1				3
Firearms		2	7	4	1	2					16
Explosion		3			2	1	2		2		10
Mechanical Suffocation		16	2	1	1						20
Asphyxiation & Aspiration of Foreign Body		6	3	1	1	2	7	3	7		30
Struck; Crushed by Objects		6	1			2	2		1		12
Unspecified Traumatic Injuries					1	1	1	1	1		5
Secondary to Self-Injection of Medication				3	6	2		2			13
Drowning	Pool	46	6	6	5	3	2	3	4		75
	Bathtub	9	4	1			2	1	10		27
Over Dose of Drugs	Barbiturates	1	7	32	10	13	11	4	3		81
	Narcotics		5	73	31	7	2	1			119
	Barbiturates & Narcotics		2	8	1		1	1			13
	Other Drugs & Poisons	3		9	3	5	5	1	2		28
	Toxic Effect of Alcohol			2	1		3				6
Carbon Monoxide	By Fire	1	3	9	2	2	9	6	6		38
	By Auto Exhaust					1	2		1		4
	By Natural Gas	1	3	1	2	3	1				11
Miscellaneous		2		1	1	1	1		3		9
Total		121	49	167	85	70	114	119	605		1330

OTHER ACCIDENTS BY AGE GROUP
JULY 1, 1971 - JUNE 30, 1972

cause \ age group		≤ 9	10≤19	20≤29	30≤39	40≤49	50≤59	60≤69	70≤	Un-known	Total
Over Dose	Barbiturates		2	15	5	3	1	2	1		29
	Narcotics		3	51	27	13					94
	Barbiturates & Narcotics		2	9							11
	Other Drugs & Poisons	1	4	3	1		2				11
	Toxic Effect of Alcohol						1				1
Carbon Monoxide	By Fire			3	2	5	2				12
	By Auto Exhaust				1				1		2
Falls		2	10	7	9	21	19	33	177		278
Burns		1		2		2	1	3	5		14
Electrocution		1	2			1	2				6
Firearms			2		1	1					4
Explosion			1	2							3
Drowning		1	9	20	4	6	6	8	5		59
Therapeutic Misadventure		7	1	6	8	9	13	10	13		67
Mechanical Suffocation			1	1		1	1				4
Asphyxiation & Aspiration of Foreign Body		2	2	1	2	5	5	2	6		25
Struck by Object Crushing			3	1		1	1	2			8
Unspecified Traumatic Injuries		3	2	3	4	8	5	5	9		39
Secondary to Self-Injection of Medication			1	9	6	2		1			19
Self-Induced Abortion (mother)					1						1
Miscellaneous			3	3	2	3	3	3			17
Total		18	48	136	73	81	62	69	217		704

OTHER ACCIDENTS BY AGE GROUP

JULY 1, 1972 - JUNE 30, 1973

cause \ age group		≤ 9	10≤19	20≤29	30≤39	40≤49	50≤59	60≤69	70≤	Un-known	Total
Over Dose	Barbiturates		4	17	4	4	1		1		31
	Narcotics		8	62	25	17					112
	Barbiturates & Narcotics		1	13	2	1					17
	Other Drugs & Poisons		4	6	5						15
	Toxic Effect of Alcohol			1				1			2
Carbon Monoxide	By Fire				1	1	1	1	1		5
	By Auto Exhaust		1								1
Falls		1	3	8	6	24	19	23	201		285
Burns			1	2	2	5	3	6	3		22
Electrocution			1	1							2
Firearms			2	2							4
Explosion							1				1
Drowning		9	16	18	7	7	5	1			63
Therapeutic Misadventure		3	5	6	3	11	14	9	10		61
Mechanical Suffocation		1	1								2
Asphyxiation & Aspiration of Foreign Body		1	2		8	3	4	4	10		32
Struck by Object Crushing		1	1	5	3						10
Unspecified Traumatic Injuries			1	1	5	2	3	3	6		21
Secondary to Self-Injection of Medication				13	11	4	1				29
Self-Induced Abortion (mother)											
Miscellaneous		1	6	3	2	3		2			17
Total		17	57	158	84	82	52	50	232		732

OCCUPATIONAL ACCIDENTS BY AGE GROUP
JULY 1, 1971 - JUNE 30, 1972

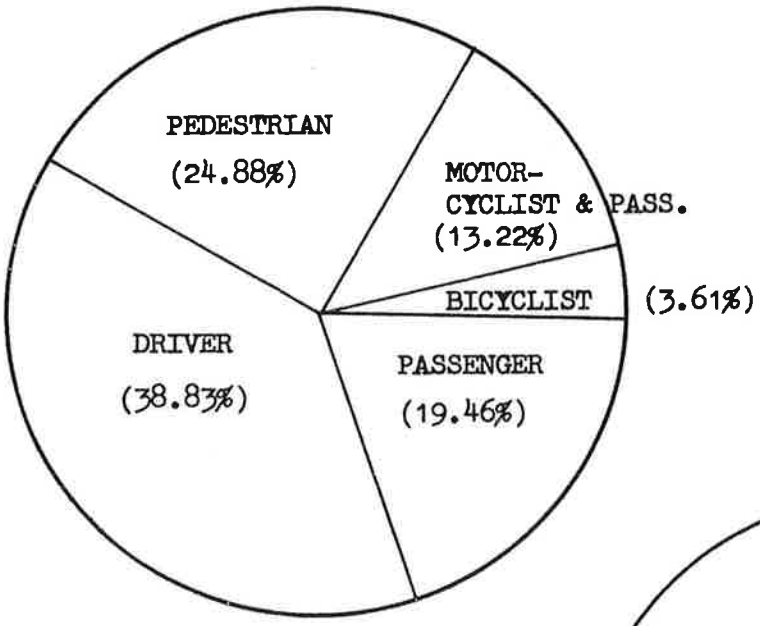
Cause \ Age Group	≤ 9	10≤19	20≤29	30≤39	40≤49	50≤59	60≤69	70≤	Un-known	Total
Falls		1	1	4	4	6	3	1		20
Burns		1	1	1		1	1			5
Electrocution		1	2		2					5
Suffocation, mechanical			1				1			2
Toxic Effect of Gas & Fumes			1		1		1			3
Explosion		1	5	3	3	1	2			15
Crushing, Struck by Object		3	4	3	11	7	1			29
Vehicular Related				1	5		1			7
Occupational Diseases			1			1	5	4		11
Unspecified Trauma										
Miscellaneous		1	1	1						3
Total		8	17	13	26	16	15	5		100

OCCUPATIONAL ACCIDENTS BY AGE GROUP

JULY 1, 1972 - JUNE 30, 1973

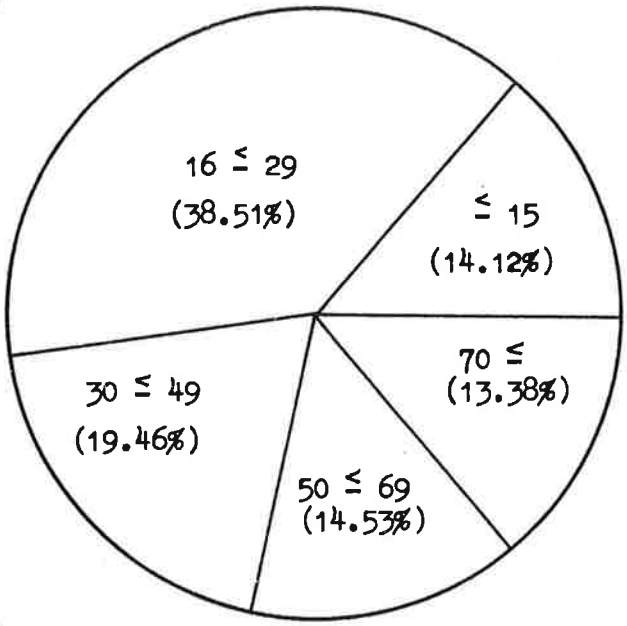
Cause \ Age Group	≤ 9	10≤19	20≤29	30≤39	40≤49	50≤59	60≤69	70≤	Un-known	Total
Falls			1	3	3	7	4	1		19
Burns			3	3	1	3				10
Electrocution			2		1	2				5
Suffocation, mechanical										
Toxic Effect of Gas & Fumes			1							1
Explosion		1	4	1	2	1	2			11
Crushing, Struck by Object		3	7	7	7	2	4			30
Vehicular Related			3	5	6	3	1	1		19
Occupational Diseases				3	2	2	3	6		16
Unspecified Trauma										
Miscellaneous			2	1		5				8
Total		4	23	23	22	25	14	8		119

VEHICULAR FATALITIES
JULY 1972 - JUNE 1973



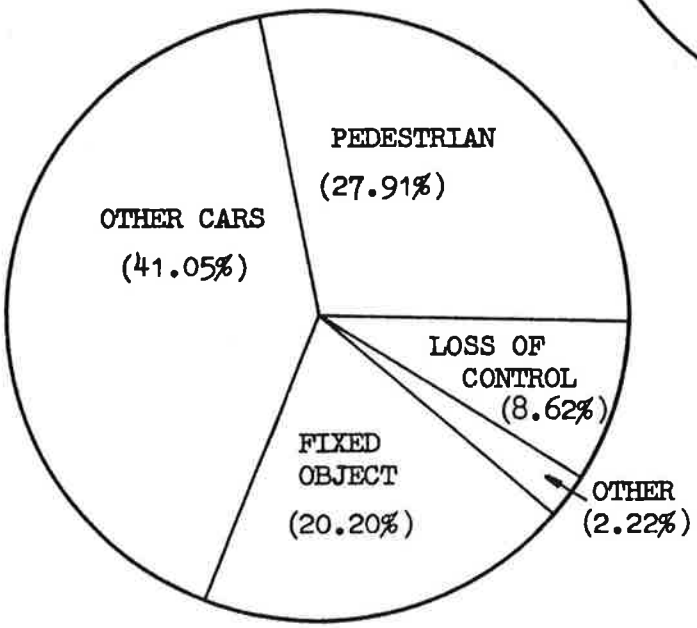
PEDESTRIAN	303
DRIVER	473
PASSENGER	237
MOTORCYCLIST & PASSENGER	161
BICYCLIST	44
TOTAL	1218

CLASSIFICATION OF VICTIMS



≤ 15	172
16 ≤ 29	469
30 ≤ 49	237
50 ≤ 69	177
70 ≤	163

AGE GROUP



OTHER CARS	500
PEDESTRIAN & BICYCLIST	340
FIXED OBJECT	246
LOSS OF CONTROL	105
OTHER	27

TYPE OF COLLISION

VEHICULAR ACCIDENTS - TYPE OF ACCIDENTS, AGE GROUP & SEX

JULY 1, 1971 - JUNE 30, 1972

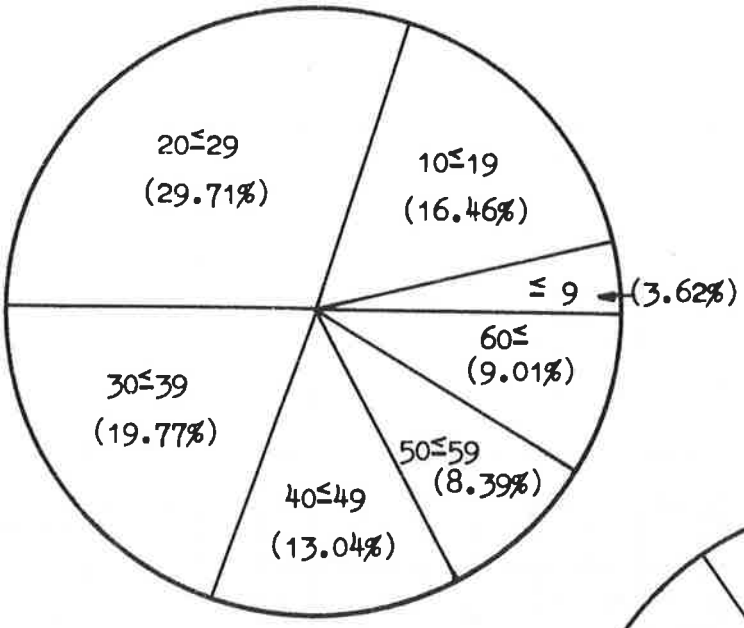
type of accident	sex	≤19	20≤29	30≤39	40≤49	50≤59	60≤69	70≤	Un-known	Total
Pedestrian - Truck, Bus	M	5	1	1	3	1		3		14
	F	3					1	3		7
Ped - Auto	M	65	14	11	15	19	32	44		200
	F	31	10	5	6	9	11	35		107
Ped - Motor cycle	M	1						1		2
	F									
Ped - Train	M			1		1		2		4
	F	1								1
Auto - Bus, Truck	M	3	20	2	7	8	2	3		45
	F	6	5	1	7	2		1		22
Auto - Auto	M	40	43	24	23	25	18	20		193
	F	19	19	10	15	20	9	17		109
Auto - Bi-cycle	M	26	2	2			1			31
	F	10								10
Auto - Motor cycle	M	27	39	12	7		1			86
	F	3	9		1					13
Auto - Train	M	2	1		1	2	1			7
	F		1		1					2
Auto - Fixed Object	M	17	54	23	18	12	3	5		132
	F	7	9	5	9	5	5	8		48
Motor cycle- Fixed Object	M	10	17	6		2				35
	F	3	2		1					6
Fell from Moving Vehicle	M	10	1	1	3	1				16
	F	4	4			1				9
Motor Vehicle Loss of Control	M	18	46	17	9	10	3	2		105
	F	12	11	5	2	2	1	1		34
Miscellaneous	M	3	5		3	2	1	1		15
	F	3	3				2			8
Total	M	227	243	100	89	83	62	81		885
	F	102	73	26	42	39	29	65		376

VEHICULAR ACCIDENTS - TYPE OF ACCIDENTS, AGE GROUP & SEX

JULY 1, 1972 - JUNE 30, 1973

type of accident	sex	≤19	20≤29	30≤39	40≤49	50≤59	60≤69	70≤	Un-known	Total
Pedestrian - Truck, Bus	M	6		2	2		2	1		13
	F							1		1
Ped - Auto	M	57	11	9	17	15	16	43		168
	F	29	9	3	12	8	11	38		110
Ped - Motor cycle	M	3			1			2		6
	F									
Ped - Train	M		1		1	1				3
	F			1						1
Auto - Bus, Truck	M	7	14	5	8	5	3	4		46
	F	3	2	1	1	1	3	6		17
Auto - Auto	M	47	45	29	13	18	19	22		193
	F	22	28	14	12	8	15	29		128
Auto - Bi-cycle	M	29	1	2				2		34
	F	4								4
Auto - Motor cycle	M	35	39	10	3	3	1	1		92
	F	4	5		1					10
Auto - Train	M	4	3	1		1				9
	F	3	1			1				5
Auto - Fixed Object	M	38	56	20	20	14	8	7		163
	F	5	10	6	8	4	4	5		42
Motor cycle- Fixed Object	M	8	24	7	1					40
	F		1							1
Fell from Moving Vehicle	M	7	4	3		3				17
	F	1	1		2					4
Motor Vehicle Loss of Control	M	24	33	8	4	6	4	2		81
	F	8	5	2	6	2	1			24
Miscellaneous	M	2	1	1						4
	F	1		1						2
Total	M	267	232	97	70	66	53	84		869
	F	80	62	28	42	24	34	79		349

HOMICIDES
JULY 1972 - JUNE 1973

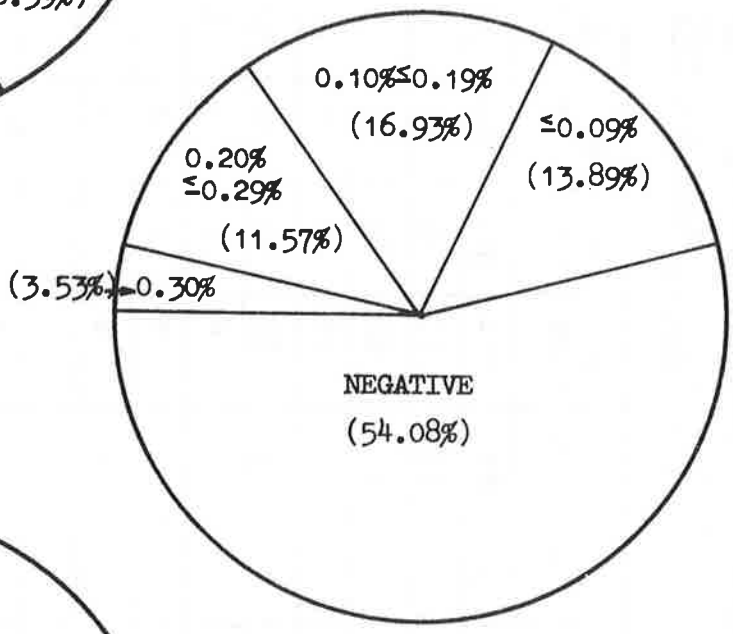


	≤ 9	35
10 ≤	19	159
20 ≤	29	287
30 ≤	39	191
40 ≤	49	126
50 ≤	59	81
60 ≤		87
TOTAL		966

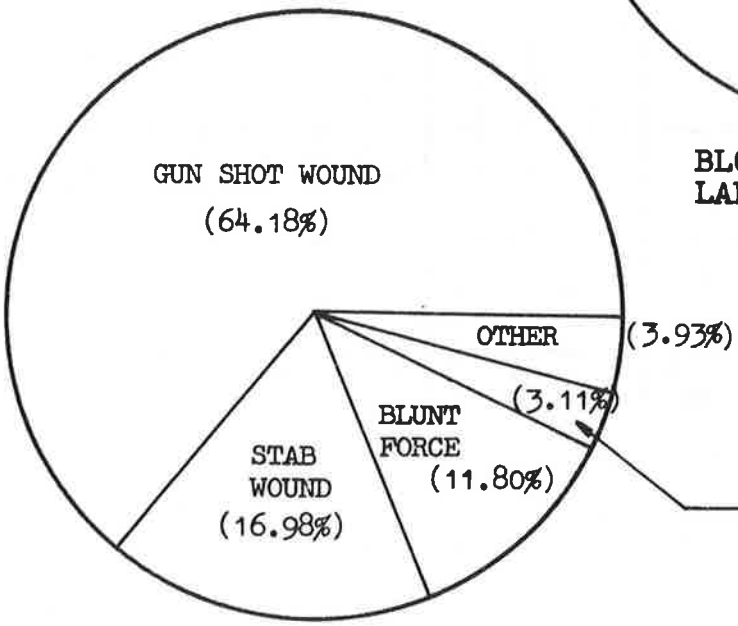
AGE GROUP

BLOOD ALCOHOL

NOT TESTED	145
TESTED	821



BLOOD ALCOHOL ON LABORATORY TESTED CASES



GUN SHOT WOUND	620
STAB WOUND	164
BLUNT FORCE	114
STRANGULATION	30
OTHER	38

MANNER OF DEATH

HOMICIDES - MANNER OF DEATH, AGE GROUP & SEX

JULY 1, 1971 - JUNE 30, 1972

manner of death	sex	< 1 mo	1 mo < 1yr	1yr ≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤	Un-known	Sub-Total	Total
Firearms	M			3	61	164	109	66	28	13	3		447	538
	F			3	15	25	18	15	7	3	5		91	
Stabbings Sharp Instruments	M			1	19	63	36	13	9	4	1		146	189
	F				5	16	8	6	4	1	3		43	
Blunt Force Assault	M		1	1	8	12	11	10	10	10	12		75	103
	F			1		9	5	1	3	1	8		28	
Strangulation Suffocation	M				1	1	2	2		1	1		8	26
	F	1			1	4	3	1	1	2	5		18	
Criminal Abortion	M													2
	F	1				1							2	
Battered Child Syndrome Neglect	M	1	2	3									6	15
	F	2	1	5	1								9	
Burns	M			1	1	1		2	1		2		8	9
	F						1						1	
Miscellaneous	M	2	1				1	1	2				7	15
	F	1		2		3		1	1				8	
Subtotal	M	3	4	9	90	241	159	94	50	28	19		697	
	F	5	1	11	22	58	35	24	16	7	21		200	
Total		8	5	20	112	299	194	118	66	35	40		897	

HOMICIDES - AGE GROUP & ETHNIC GROUP

JULY 1, 1971 - JUNE 30, 1972

age group \ ethnic group	White excluding Spanish Surname	Spanish Surname	Negro	American Indian	Chinese	Japanese	Others	Unknown	Total
Fetus			2						2
< 1mo	3		2					1	6
1mo < 1yr	2		3						5
1 ≤ 9	11		9						20
10 ≤ 19	33	32	46				1		112
20 ≤ 29	103	44	146		1	1	4		299
30 ≤ 39	56	39	97	1				1	194
40 ≤ 49	46	18	54						118
50 ≤ 59	37	2	26		1				66
60 ≤ 69	24	1	10						35
70 ≤	33	1	5			1			40
Unknown									
Total	348	137	400	1	2	2	5	2	897

HOMICIDES - MANNER OF DEATH, AGE GROUP & SEX

JULY 1, 1972 - JUNE 30, 1973

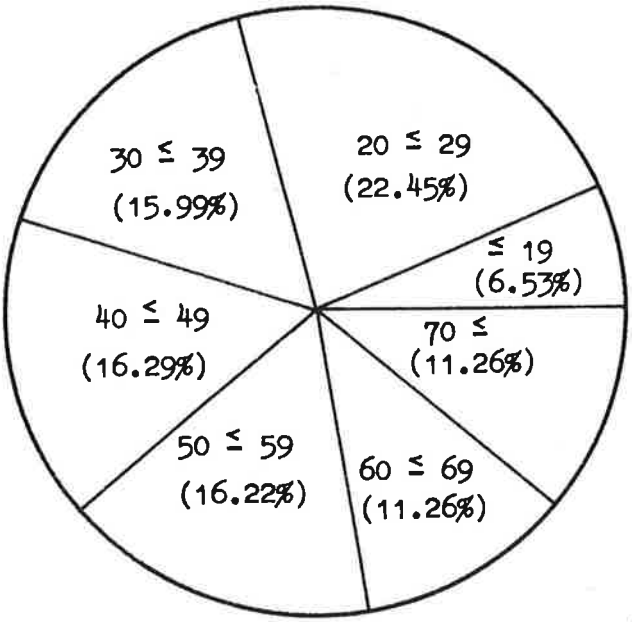
manner of death	sex	< 1 mo	1 mo < 1yr	1yr ≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤	Un-known	Sub-Total	Total
Firearms	M			5	105	174	105	73	35	16	6		519	620
	F		1	4	16	28	24	12	10	3	3		101	
Stabbings Sharp Instruments	M			3	22	43	34	17	11	5	2		137	164
	F				4	6	7	2	3	3	2		27	
Blunt Force Assault	M			2	3	17	15	16	12	8	9		82	114
	F		2		1	5	2	2	7	2	11		32	
Strangulation Suffocation	M			1	1	2	1		1		1		7	30
	F				3	6	2	3	1	4	4		23	
Criminal Abortion	M													
	F													
Battered Child Syndrome Neglect	M		1	8									9	13
	F		1	3									4	
Burns	M				1						1		2	2
	F													
Miscellaneous	M			3	2	2	1	1	1		3	1	14	23
	F			1	1	4				1	2		9	
Subtotal	M		1	22	134	238	156	107	60	29	22	1	770	
	F		4	8	25	49	35	19	21	13	22		196	
Total			5	30	159	287	191	126	81	42	44	1		966

HOMICIDES - AGE GROUP & ETHNIC GROUP

JULY 1, 1972 - JUNE 30, 1973

ethnic group / age group	White excluding Spanish Surname	Spanish Surname	Negro	American Indian	Chinese	Japanese	Others	Unknown	Total
Fetus									
< 1mo									
1mo < 1yr	3	1	1						5
1 ≤ 9	18	3	9						30
10 ≤ 19	37	33	89						159
20 ≤ 29	100	55	130		1		1		287
30 ≤ 39	52	31	107				1		191
40 ≤ 49	58	13	54				1		126
50 ≤ 59	44	3	34						81
60 ≤ 69	29	2	11						42
70 ≤	33	3	7			1			44
Unknown	1								1
Total	375	144	442		1	1	3		966

SUICIDES
JULY 1972 - JUNE 1973

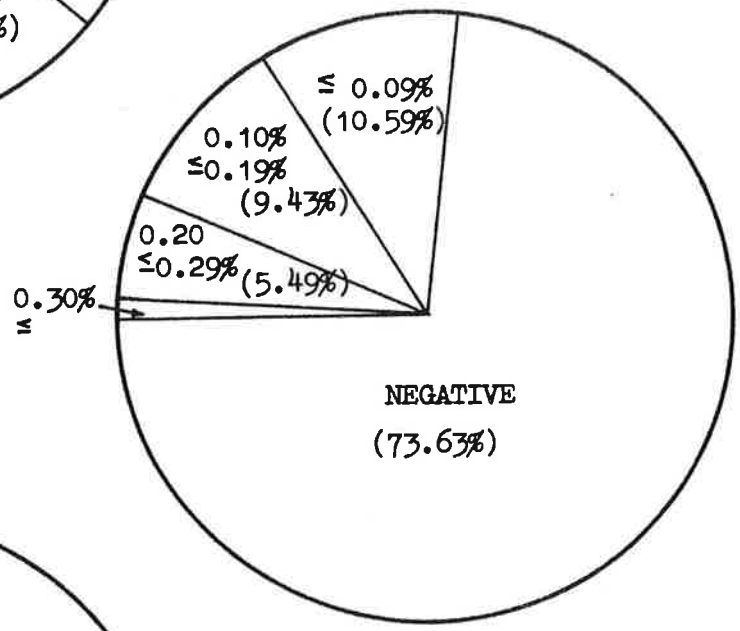


AGE GROUP

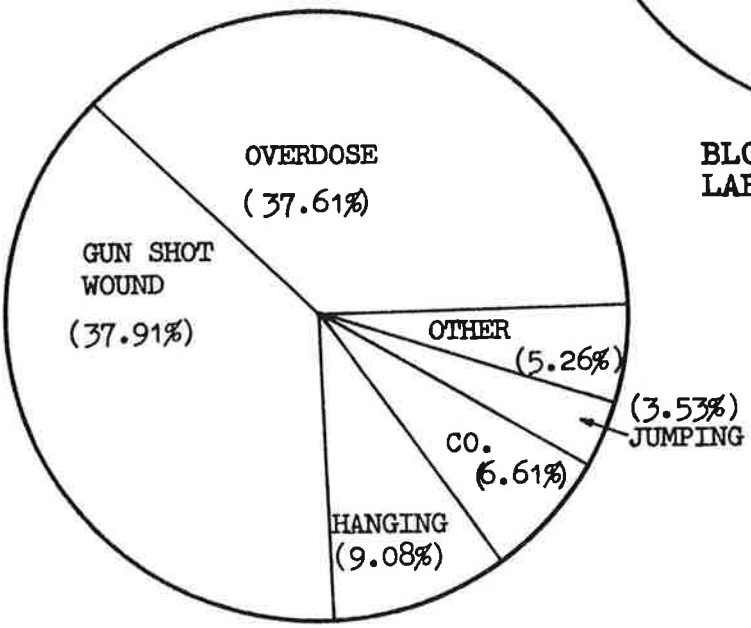
≤ 19	87
20 ≤ 29	299
30 ≤ 39	213
40 ≤ 49	217
50 ≤ 59	216
60 ≤ 69	150
70 ≤	150
TOTAL	1332

BLOOD ALCOHOL

NOT TESTED	293
TESTED	1039



BLOOD ALCOHOL ON LABORATORY TESTED CASES



MANNER OF DEATH

GUN SHOT WOUND	505
OVERDOSE	501
HANGING	121
CO.	88
JUMPING	47
OTHER	70

SUICIDES - MANNER OF DEATH, AGE GROUP & SEX
JULY 1, 1971 - JUNE 30, 1972

manner of death \ age group / sex		≤ 19		20 ≤ 29		30 ≤ 39		40 ≤ 49		50 ≤ 59		60 ≤ 69		70 ≤		Unknown		Subtotal		Total
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Over Dose	Barbiturates	13	19	57	59	26	36	27	51	23	50	20	35	16	38		1	182	289	471
Over Dose	Narcotics					3	1	1	1	2								6	2	8
Over Dose	Barbs. and Narcotics		1	2				1	1									3	2	5
Over Dose	Poisons, Drugs other than Barbs. & Narco.		4	19	24	11	18	12	30	10	22	5	10	1	7			58	115	173
CO., Auto Exhaust		1		8	1	11	2	15	3	10	9	3	3		2			48	20	68
Drowning		1		1		1		1	1		3							4	4	8
Firearms		35	16	72	22	47	19	63	21	72	11	40	15	44	3			373	107	480
Hanging		8		20	7	15	8	16	8	13	9	7	5	12	4			91	41	132
Jumping			2	7	1		1	2	1	6	4	5	6	4	4			24	19	43
Suffocation							1		1	1	1		2	1	3			2	8	10
Burns		1		3	2	2		1				1		1				9	2	11
Sharp Instruments		1		4	1	3		3	1	5	4	3			1			19	7	26
Vehicles				2	1	2				1								5	1	6
Miscellaneous		1																1		1
Subtotal		61	42	195	118	121	86	142	119	143	113	84	76	79	62		1	825	617	
Total		103		313		207		261		256		160		141		1				1442

SUICIDES - MANNER OF DEATH, ETHNIC GROUP & SEX

JULY 1, 1971 - JUNE 30, 1972

manner of death		White excluding Spanish Surname		Spanish Surname		Negro		American Indian		Japanese		Chinese		Other Non-White		Unknown		Subtotal		Total
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Over dose	Barbiturates	164	238	9	23	7	24		1	2	2		1					182	289	471
	Narcotics	4	2			2												6	2	8
	Barbs. and Narcotics	2	2			1												3	2	5
	Poisons, Drugs other than Barbs. & Narco.	46	93	6	11	4	10			1		1			1			58	115	173
CO., Auto Exhaust		43	18	3	1	2					1							48	20	68
Drowning		3	4	1														4	4	8
Firearms		318	87	26	6	26	13			1	1			2				373	107	480
Hanging		72	34	13	1	2	1			2	4	2	1					91	41	132
Jumping		21	17	2			1				1	1						24	19	43
Suffocation		2	8															2	8	10
Burns		7	2	1		1												9	2	11
Sharp Instruments		13	6	1	1	3						1		1				19	7	26
Vehicles		4		1	1													5	1	6
Miscellaneous		1																1		1
Subtotal		700	511	63	44	48	49		1	6	9	5	2	3	1			825	617	
Total		1211		107		97		1		15		7		4				1442		

SUICIDES - ETHNIC GROUP, AGE GROUP & SEX

JULY 1, 1971 - JUNE 30, 1972

ethnic group / sex / age group	White excluding Spanish Surname		Spanish Surname		Negro		American Indian		Japanese		Chinese		Other Non-white		Unknown		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
≤ 19	55	23	3	7	2	10		1	1	1							61	42
29 ≤ 29	147	82	28	13	16	22			2		1		1	1			195	118
30 ≤ 39	96	63	11	6	12	10				6		1	2				121	86
40 ≤ 49	122	104	9	10	8	4			2	1	1						142	119
50 ≤ 59	131	105	4	6	7	2					1						143	113
60 ≤ 69	76	73	5	2	2	1					1						84	76
70 ≤	73	60	3		1				1	1	1	1					79	62
Unknown		1																1
Subtotal	700	511	63	44	48	49		1	6	9	5	2	3	1			825	617
Total	1211		107		97		1		15		7		4				1442	

SUICIDES - MANNER OF DEATH, AGE GROUP & SEX

JULY 1, 1972 - JUNE 30, 1973

manner of death \ age group / sex		≤ 19		20 ≤ 29		30 ≤ 39		40 ≤ 49		50 ≤ 59		60 ≤ 69		70 ≤		Unknown		Subtotal		Total
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Over Dose	Barbiturates	3	5	39	35	24	27	20	28	18	54	19	33	17	36			140	218	358
	Narcotics			2	2		1	1	1		1	1						4	5	9
	Barbs. and Narcotics	1			1	1	1		1	2	1		1					4	5	9
	Poisons, Drugs other than Barbs. & Narco.	2	6	12	15	5	16	14	15	7	14	3	5	5	5	1		49	76	125
CO., Auto Exhaust		2	1	17	2	13	5	10	8	14	7	4	3	2				62	26	88
Drowning				1			2		2		1	1		1	2			3	7	10
Firearms		34	11	101	22	61	20	62	17	51	16	44	14	49	3			402	103	505
Hanging		11	1	23	2	16	5	14	8	14	4	4	5	8	6			90	31	121
Jumping		3		10	6	3	1	3	3	5		1	2	5	5			30	17	47
Suffocation		1		1				2	1			2	2		3			6	6	12
Burns			1		1			2			1	1						3	3	6
Sharp Instruments		1		2	1	3	4	3	2	3	2	4	1	2				18	10	28
Vehicles		1	2		2	2												3	4	7
Miscellaneous			1	1		2	1			1				1				5	2	7
Subtotal		59	28	209	89	130	83	131	86	115	101	84	66	90	60	1		819	513	
Total		87		298		213		217		216		150		150		1				1332

SUICIDES - MANNER OF DEATH, ETHNIC GROUP & SEX

JULY 1, 1972 - JUNE 30, 1973

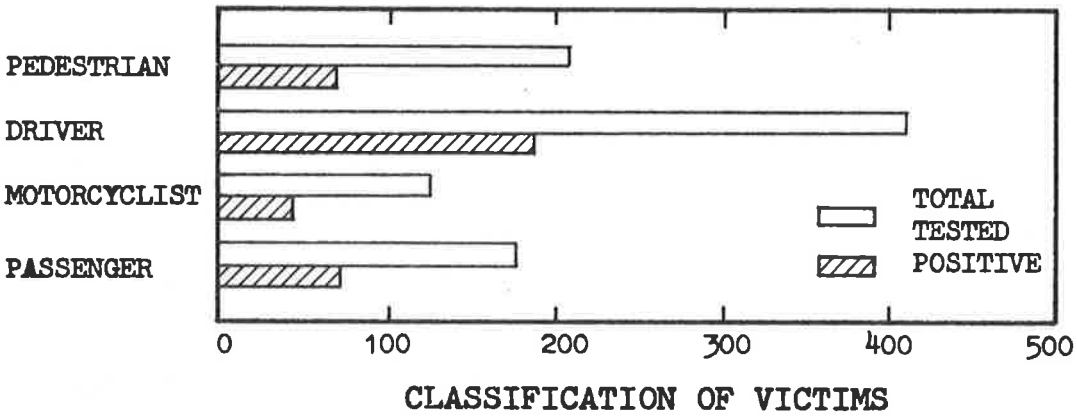
manner of death / ethnic group / sex		White excluding Spanish Surname		Spanish Surname		Negro		American Indian		Japanese		Chinese		Other Non-White		Unknown		Subtotal		Total
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Over dose	Barbiturates	124	189	10	11	4	14			1	1	1	3					140	218	358
Over dose	Narcotics	3	4	1			1											4	5	9
Over dose	Barbs. and Narcotics	4	3				2											4	5	9
Over dose	Poisons, Drugs other than Barbs. & Narco.	45	65	1	5	2	6					1						49	76	125
CO., Auto Exhaust		56	24	3	1	2		1			1							62	26	88
Drowning		3	6								1							3	7	10
Firearms		343	82	24	6	32	14	1		1	1			1				402	103	505
Hanging		71	24	9	2	6	2			1	2	3	1					90	31	121
Jumping		24	14	2	1	3	1			1					1			30	17	47
Suffocation		5	6							1								6	6	12
Burns		2	3	1														3	3	6
Sharp Instruments		17	9							1					1			18	10	28
Vehicles		1	2	1	1		1							1				3	4	7
Miscellaneous		4	2	1														5	2	7
Subtotal		702	433	53	27	49	41	2		6	6	5	4	2	2			819	513	
Total		1135		80		90		2		12		9		4						1332

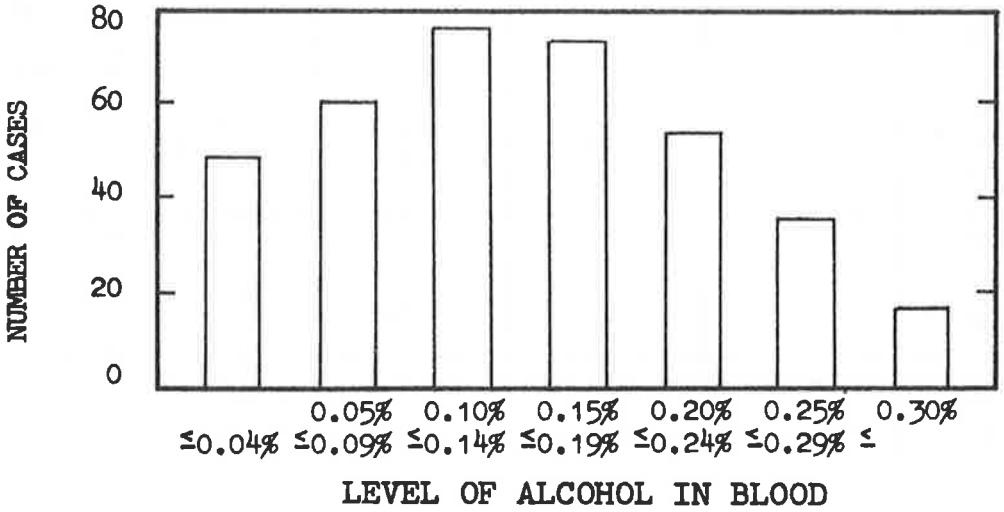
SUICIDES - ETHNIC GROUP, AGE GROUP & SEX

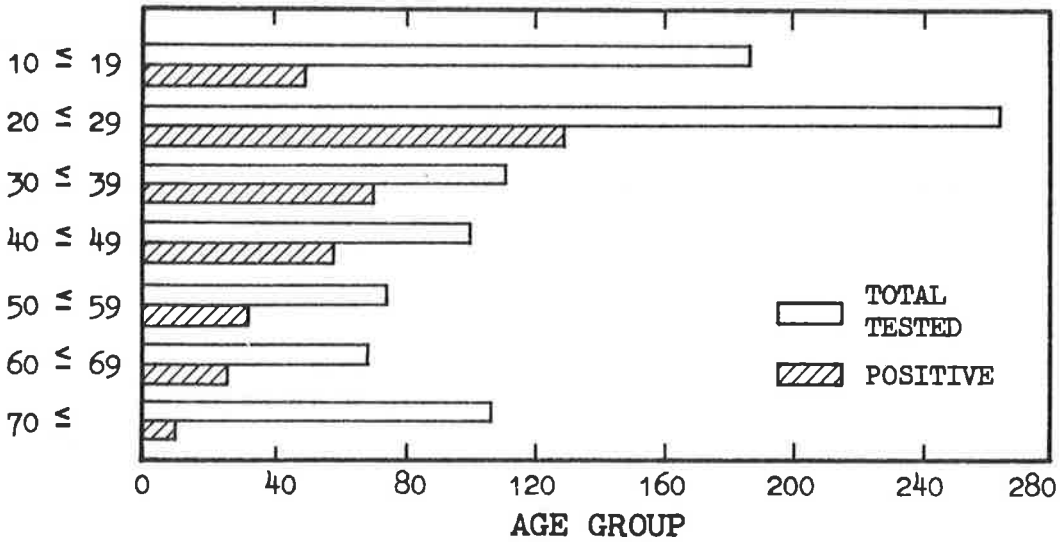
JULY 1, 1972 - JUNE 30, 1973

ethnic group / sex / age group	White excluding Spanish Surname		Spanish Surname		Negro		American Indian		Japanese		Chinese		Other Non-white		Unknown		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
≤ 19	49	25	6	1	4	2											59	28
29 ≤ 29	164	60	21	7	19	20	1		3		1	1		1			209	89
30 ≤ 39	102	64	12	5	12	10	1		1	2		1	2	1			130	83
40 ≤ 49	117	74	5	6	7	6			1		1						131	86
50 ≤ 59	105	94	4	3	4	1			1	2	1	1					115	101
60 ≤ 69	81	61	1	3	1	2					1						84	66
70 ≤	83	55	4	2	2					2	1	1					90	60
Unknown	1																1	
Subtotal	702	433	53	27	49	41	2		6	6	5	4	2	2			819	513
Total	1135		80		90		2		12		9		4				1332	

ALCOHOL INVOLVEMENT IN VEHICULAR ACCIDENTS
JULY 1972 - JUNE 1973







DEATHS CAUSED BY OR CONTRIBUTED TO ALCOHOLISM

JULY 1, 1971 - JUNE 30, 1972

mode	sex \ age group	≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤	Un-known	Total
ACCIDENTAL: Acute Alcoholism	M			3		2	1				6
	F			1		1					2
NATURAL: Chronic Alcoholism, Cirrhosis & Fatty Metamorphosis of Liver	M		1	7	41	101	107	77	15		349
	F			4	21	43	53	20			141
TOTAL			1	15	62	147	161	97	15		498

DEATHS CAUSED BY OR CONTRIBUTED TO ALCOHOLISM

JULY 1, 1972 - JUNE 30, 1973

mode	sex \ age group	≤ 9	10 ≤ 19	20 ≤ 29	30 ≤ 39	40 ≤ 49	50 ≤ 59	60 ≤ 69	70 ≤	Un-known	Total
ACCIDENTAL: Acute Alcoholism	M			1	1		1				3
	F			2			2	1			5
NATURAL: Chronic Alcoholism, Cirrhosis & Fatty Metamorphosis of Liver	M			5	37	74	89	46	17		268
	F				24	42	34	17	5		122
TOTAL				8	62	116	126	64	22		398

INCIDENCE OF ALCOHOL INVOLVEMENT
JULY 1, 1971 - JUNE 30, 1972

cases / manner of death		Total Cases	Level of Alcohol in Blood									% of Cases with Alcohol	% of cases with alcohol by manner of death
			Total Cases with Alcohol	≤0.04%	0.05% ≤0.09%	0.10% ≤0.14%	0.15% ≤0.19%	0.20% ≤ 0.24%	0.25% ≤0.29%	0.30% ≤0.34%	0.35% ≤		
NATURAL		7275	336	76	78	35	36	30	20	19	42	20.06	4.62
ACCIDENTS	at Home	1344	167	28	32	22	20	26	22	8	9	9.97	12.43
	Occupational	100	2	1	1							0.12	2.00
	Vehicular: * 1. Pedestrian	383	78	16	11	9	14	12	8	6	2	4.66	20.37
	2. Driver **	481	172	13	19	32	58	32	11	3	4	10.27	35.76
	3. Motor-cyclist	139	43	10	13	7	6	4		2	1	2.57	30.94
	4. Passenger	258	59	9	9	16	11	6	3	3	2	3.52	22.87
	Aircraft	19											
	Other	704	98	16	17	17	13	14	13	3	5	5.85	13.92
SUICIDE		1442	342	63	77	52	60	47	26	10	7	20.42	23.72
HOMICIDE		897	339	56	66	50	66	51	31	13	6	20.24	37.79
UN-DETERMINED		196	39	6	8	8	8	7	1	1		2.33	19.90
TOTAL		13238	1675	294	331	248	292	229	135	68	78	100.00	12.65

* Pedestrian including 46 bicyclist.
** Driver including 21 driver-passenger unspecified.

INCIDENCE OF ALCOHOL INVOLVEMENT

JULY 1, 1972 - JUNE 30, 1973

Manner of Death \ Cases		Total Cases		Tested Cases		Level of Alcohol in Blood								%Tested cases with alcohol by manner of death
		Not Tested	Alcohol Tested	Negative Result	Positive Result	≤0.04%	0.05% ≤0.09%	0.10% ≤0.14%	0.15% ≤0.19%	0.20% ≤0.24%	0.25% ≤0.29%	0.30% ≤0.34%	0.35% ≤	
NATURAL		6189	1112	802	310	70	61	38	34	35	25	19	28	27.88
ACCIDENTS	at Home	865	465	303	162	20	25	20	35	30	13	5	14	34.84
	Occupational	45	74	71	3	1	1			1				4.05
	Vehicular: * 1. Pedestrian	141	206	144	62	6	12	10	9	8	12	4	1	30.10
	2. Driver **	63	410	223	187	19	24	43	45	28	19	7	2	45.61
	3. Motor-cyclist	26	122	77	45	7	7	12	10	8	1			36.89
	4. Passenger	74	176	109	67	16	17	11	10	9	4			38.07
	Aircraft	1	18	18										0.00
	Other	391	341	229	112	20	28	21	13	10	10	7	3	32.84
SUICIDE		293	1039	765	274	48	62	51	47	39	18	3	6	26.37
HOMICIDE		145	821	444	377	50	64	66	73	59	36	17	12	45.92
UN-DETERMINED		67	157	102	55	6	14	11	9	9	3	1	2	35.03
TOTAL		8300	4941	3287	1654	263	315	283	285	236	141	63	68	33.48

* Pedestrian including 44 bicyclist.
** Driver including 5 driver-passenger unspecified.

ALCOHOL INVOLVEMENT IN VEHICULAR ACCIDENTS BY AGE GROUP
JULY 1, 1971 - JUNE 30, 1972

Cases / Age Group	Total Cases	Level of Alcohol in Blood									% of Cases with Alcohol	% of cases with alcohol by age group
		total cases with alcohol	≤ 0.04%	0.05% ≤ 0.09%	0.10% ≤ 0.14%	0.15% ≤0.19%	0.20% ≤ 0.24%	0.25% ≤0.29%	0.30% ≤ 0.34%	0.35% ≤		
≤ 9	120											
10 ≤ 19	209	37	4	9	9	9	3	1		2	10.51	17.70
20 ≤ 29	316	121	22	21	20	36	16	3	2	1	34.38	38.29
30 ≤ 39	126	69	6	5	12	23	8	9	4	2	19.60	54.76
40 ≤ 49	131	56	5	5	13	9	13	7	3	1	15.91	42.75
50 ≤ 59	122	34	3	4	4	7	9	2	3	2	9.66	27.87
60 ≤ 69	91	22	2	4	6	4	4		2		6.25	24.18
70 ≤	146	13	6	4		1	1			1	3.69	8.90
Total	1261	352	48	52	64	89	54	22	14	9	100.00	27.91

ALCOHOL INVOLVEMENT IN VEHICULAR ACCIDENTS BY AGE GROUP

JULY 1, 1972 - JUNE 30, 1973

Cases / Age Group	Total Cases		Tested Cases		Level of Alcohol in Blood								%Tested cases with alcohol by age group
	Not Tested	Alcohol Tested	Negative Result	Positive Result	≤0.04%	0.05% ≤0.09%	0.10% ≤0.14%	0.15% ≤0.19%	0.20% ≤0.24%	0.25% ≤0.29%	0.30% ≤0.34%	0.35% ≤	
≤ 9	105	9	9										0.00
10 ≤ 19	48	185	138	47	8	12	14	7	5	1			25.41
20 ≤ 29	32	262	137	125	21	21	21	27	21	11	3		47.71
30 ≤ 39	16	109	43	66	7	4	14	21	10	10			60.55
40 ≤ 49	12	100	43	57	3	14	13	6	11	5	3	2	57.00
50 ≤ 59	13	77	45	32	6	2	5	6	3	5	4	1	41.56
60 ≤ 69	19	68	43	25	2	5	5	5	3	4	1		36.76
70 ≤	59	104	95	9	1	2	4	2					8.65
Total	304	914	553	361	48	60	76	74	53	36	11	3	39.50

ALCOHOL INVOLVEMENT IN HOMICIDES BY AGE GROUP

JULY 1, 1971 - JUNE 30, 1972

Cases / Age Group	Total Cases	Level of Alcohol in Blood									% of Cases with Alcohol	% of Cases with Alcohol by Age Group
		Total Cases with Alcohol	≤ 0.04%	0.05 ≤ 0.09%	0.10 ≤ 0.14%	0.15 ≤ 0.19%	0.20 ≤ 0.24%	0.25 ≤ 0.29%	0.30 ≤ 0.34%	0.35 ≤		
≤ 9	33											
10 ≤ 19	112	34	3	12	12	5	1	1			10.03	30.36
20 ≤ 29	299	117	27	24	14	26	16	7	2	1	34.51	39.13
30 ≤ 39	194	97	14	17	14	16	18	9	5	4	28.61	50.00
40 ≤ 49	118	52	5	8	6	13	9	9	2		15.34	44.07
50 ≤ 59	66	21		4	2	3	6	1	4	1	6.19	31.82
60 ≤ 69	35	12	3	1		3	1	4			3.54	34.29
70 ≤	40	6	4		2						1.77	15.00
Total	897	339	56	66	50	66	51	31	13	6	100.00	37.79

ALCOHOL INVOLVEMENT IN HOMICIDES BY AGE GROUP

JULY 1, 1972 - JUNE 30, 1973

Cases / Age Group	Total Cases		Tested Cases		Level of Alcohol in Blood								%Tested cases with alcohol by age group
	Not Tested	Alcohol Tested	Negative Result	Positive Result	≤0.04%	0.05% ≤0.09%	0.10% ≤0.14%	0.15% ≤0.19%	0.20% ≤0.24%	0.25% ≤0.29%	0.30% ≤0.34%	0.35% ≤	
≤ 9	29	6	6										0.00
10 ≤ 19	16	143	93	50	12	17	6	7	4	2	2		34.97
20 ≤ 29	24	264	151	113	14	22	19	27	16	9	3	3	42.80
30 ≤ 39	18	173	74	99	17	12	19	18	20	4	7	2	57.23
40 ≤ 49	14	112	40	72	4	8	16	10	10	14	4	6	64.29
50 ≤ 59	13	68	37	31	1	2	4	9	7	7	1		45.59
60 ≤ 69	12	30	21	9	1	3	2		2			1	30.00
70 ≤	19	25	22	3	1			2					12.00
Total	145	821	444	377	50	64	66	73	59	36	17	12	45.92

Age 20 - 29 including 1 age unknown.

ALCOHOL INVOLVEMENT IN SUICIDES BY AGE GROUP

JULY 1, 1971 - JUNE 30, 1972

Cases / Age Group	Total Cases	Level of Alcohol in Blood									% of Cases with Alcohol	% of cases with alcohol by age group
		total cases with alcohol	≤ 0.04%	0.05% ≤ 0.09%	0.10% ≤ 0.14%	0.15% ≤0.19%	0.20% ≤0.24%	0.25% ≤ 0.29%	0.30% ≤ 0.34%	0.35% ≤		
≤ 19	103	10	3	2	4		1				2.92	9.71
20 ≤ 29	313	79	23	18	12	13	7	4	1	1	23.10	25.24
30 ≤ 39	207	67	10	14	9	16	11	4	3		19.59	32.37
40 ≤ 49	261	71	9	14	8	14	13	7	3	3	20.76	27.20
50 ≤ 59	256	68	10	14	11	13	8	7	2	3	19.88	26.56
60 ≤ 69	160	36	5	12	6	1	7	4	1		10.53	22.50
70 ≤	141	11	3	3	2	3					3.22	7.80
Unknown	1											
Total	1442	342	63	77	52	60	47	26	10	7	100.00	23.72

ALCOHOL INVOLVEMENT IN SUICIDES BY AGE GROUP

JULY 1, 1972 - JUNE 30, 1973

Cases / Age Group	Total Cases		Tested Cases		Level of Alcohol in Blood								%Tested cases with alcohol by age group
	Not Tested	Alcohol Tested	Negative Result	Positive Result	≤0.04%	0.05% ≤0.09%	0.10% ≤0.14%	0.15% ≤0.19%	0.20% ≤0.24%	0.25% ≤0.29%	0.30% ≤0.34%	0.35% ≤	
≤ 19	16	71	63	8	2	2	3			1			11.27
20 ≤ 29	54	244	185	59	16	20	5	6	6	4	1	1	24.18
30 ≤ 39	48	165	105	60	11	6	16	10	12	4		1	36.36
40 ≤ 49	46	171	115	56	8	13	8	15	6	2	1	3	32.75
50 ≤ 59	45	171	117	54	7	12	8	12	8	6	1		31.58
60 ≤ 69	38	112	80	32	3	8	10	3	6	1		1	28.57
70 ≤	46	104	99	5	1	1	1	1	1				4.81
Unknown		1	1										0.00
Total	293	1039	765	274	48	62	51	47	39	18	3	6	26.37

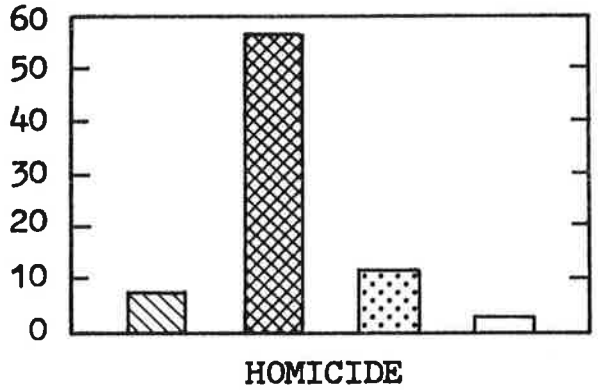
LOS ANGELES COUNTY POPULATION & ETHNIC CLASSIFICATION

JULY 1972 - JUNE 1973

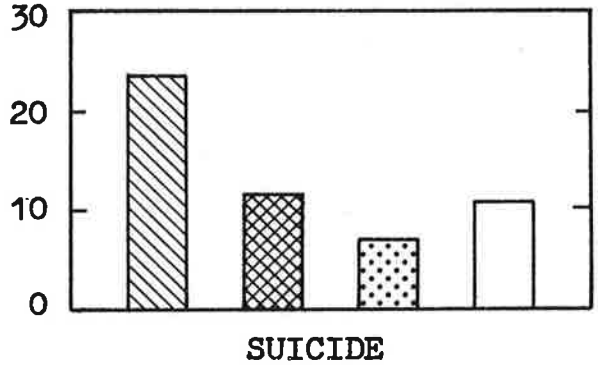
COUNTY POPULATION

WHITE	4,770,248	67%
BLACK	757,803	11%
SPANISH SURNAME	1,297,415	18%
OTHER	264,986	4%
TOTAL	7,090,452	100%

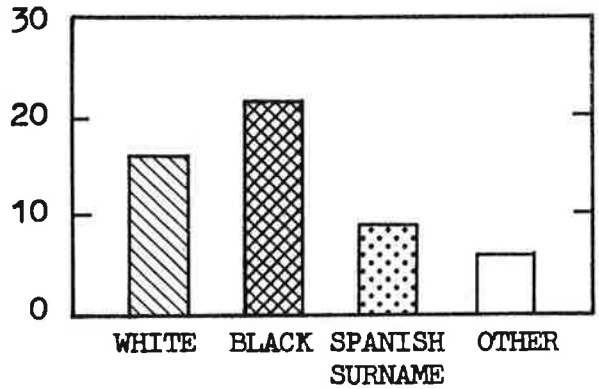
PER 100,000 POPULATION (BY ETHNIC CLASSIFICATION)



WHITE	375
BLACK	442
SPANISH SURNAME	144
OTHER	5
TOTAL	966

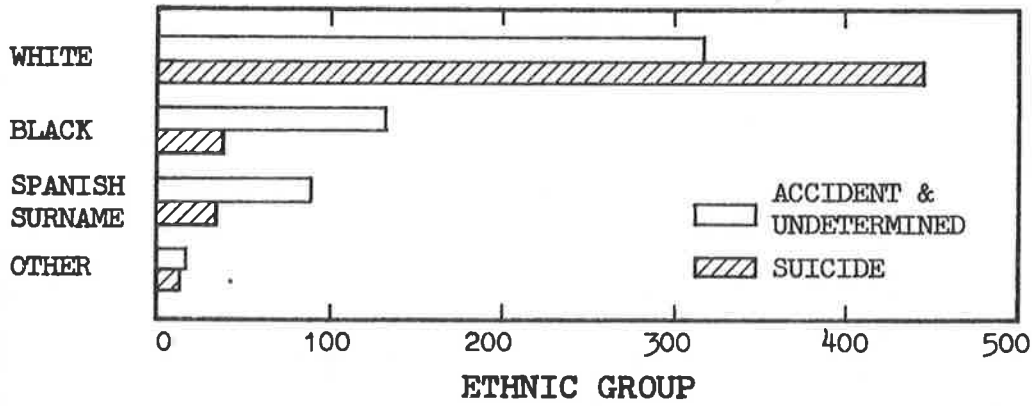


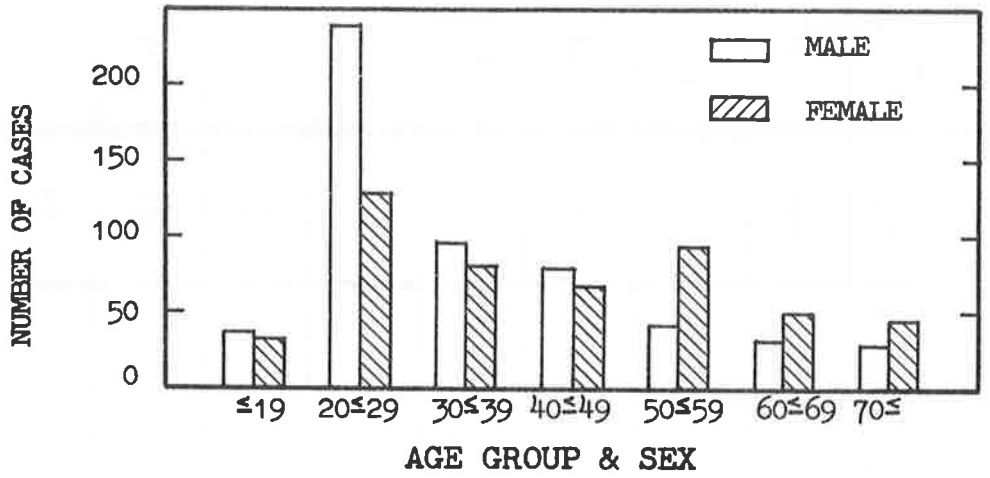
WHITE	1135
BLACK	90
SPANISH SURNAME	80
OTHER	27
TOTAL	1332

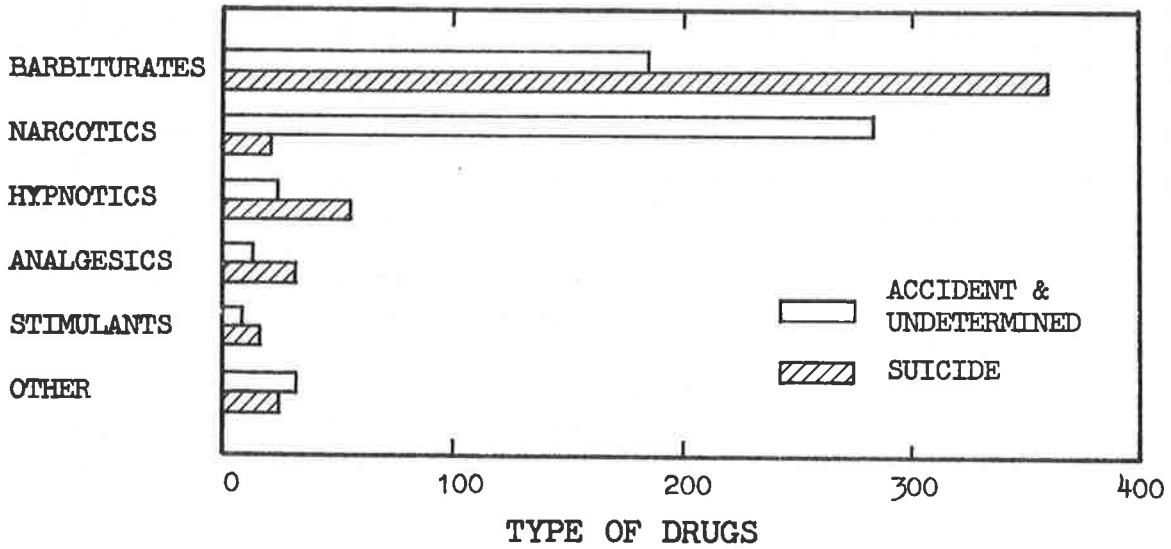


WHITE	754
BLACK	160
SPANISH SURNAME	116
OTHER	15
TOTAL	1045

DEATHS DUE TO OVERDOSE OF DRUGS
JULY 1972 - JUNE 1973







DEATHS DUE TO OVERDOSE OF DRUGS - BY MODE OF DEATH AND TYPE OF DRUG

Year / Mode / Type of Drugs	July 1,1971 - June 30, 1972					July 1, 1972 - June 30, 1973				
	ACCIDENT	SUICIDE	UNDE-TERMINED	HOMICIDE	TOTAL	ACCIDENT	SUICIDE	UNDE-TERMINED	HOMICIDE	TOTAL
Barbi-turates	102	471	80	1	654	112	358	71		541
Narcotics	194	8	7		209	231	9	14	2	256
Barbs. & Narcos.	34	5	3		42	30	9	7		46
Hypnotics excluding Barbs.	6	67	13		86	17	54	7		78
Analgesics	13	46	9		68	5	31	8		44
Stimulants	6	23	4		33	3	15	5		23
Others	17	24	2		43	20	16	4		40
Unknown	3	13	1		17	6	9	2		17
Total	375	657	119	1	1152	424	501	118	2	1045

DEATHS DUE TO OVERDOSE OF DRUGS - MODE OF DEATH, TYPE OF DRUG, AGE GROUP #1

JULY 1, 1971 - JUNE 30, 1972

mode of death / type of drug / age group	ACCIDENT								
	Barbi-turates	Narcotics	Barbs. & Narco.	Hypnotics excluding Barbs	Analgesics	Stimulants	Others	Unknown	Total
≤ 9	2				2	3	1	1	9
10 ≤ 19	12	7	2	1	1		4		27
20 ≤ 29	43	106	24	1	4	1	5	2	186
30 ≤ 39	18	51	4	1	5				79
40 ≤ 49	12	26	4	2			3		47
50 ≤ 59	10	3		1		2	2		18
60 ≤ 69	4	1			1		1		7
70 ≤	1						1		2
Unknown									
Total	102	194	34	6	13	6	17	3	375

DEATHS DUE TO OVERDOSE OF DRUGS - MODE OF DEATH, TYPE OF DRUG, AGE GROUP #2

JULY 1, 1971 - JUNE 30, 1972

mode of death / type of drug / age group	SUICIDE								
	Barbi-turates	Narcotics	Barbs. & Narco.	Hypnotics excluding Barbs.	Analgesics	Stimulants	Others	Unknown	Total
≤ 9									
10 ≤ 19	32		1		2		1	1	37
20 ≤ 29	116		2	13	18	9	3		161
30 ≤ 39	62	4		13	11	4	1		95
40 ≤ 49	78	2	2	17	5	6	9	5	124
50 ≤ 59	73	2		13	7	3	5	4	107
60 ≤ 69	55			8	2	1	4		70
70 ≤	54			3	1		1	3	62
Unknown	1								1
Total	471	8	5	67	46	23	24	13	657

DEATHS DUE TO OVERDOSE OF DRUGS - MODE OF DEATH, TYPE OF DRUG, AGE GROUP #3

JULY 1, 1971 - JUNE 30, 1972

mode of death / type of drug / age group	UNDETERMINED									Grand Total (accident, suicide, unknown)
	Barbi-turates	Narcotics	Barbs. & Narco.	Hypnotics excluding Barbs.	Analgesics	Stimulants	Others	Unknown	Total	
≤ 9										9
10 ≤ 19	10	1			1				12	76
20 ≤ 29	25	4	2	4	3			1	39	386
30 ≤ 39	11	2	1	4	1	4	1		24	198
40 ≤ 49	13			2	3				18	189
50 ≤ 59	8			2	1				11	136
60 ≤ 69	10						1		11	88
70 ≤	3			1					4	68
Unknown										1
Total	80	7	3	13	9	4	2	1	119	1151

DEATHS DUE TO OVERDOSE OF DRUGS - MODE OF DEATH, AGE GROUP, ETHNIC GROUP, SEX

JULY 1, 1971 - JUNE 30, 1972

mode of death / ethnic group / sex / age group		ACCIDENT							
		White excluding Spanish Surname	Negro	Spanish Surname	Chinese	Japanese	American Indian	Others & Unknown	Total
≤ 9	M	1	3	1					5
	F	4							4
10 ≤ 19	M	9	2	3		1			15
	F	3	6	3					12
20 ≤ 29	M	81	25	37				1	144
	F	15	22	5					42
30 ≤ 39	M	20	16	17				1	54
	F	9	8	8					25
40 ≤ 49	M	17	10	6					33
	F	9	5						14
50 ≤ 59	M	12		1					13
	F	5							5
60 ≤ 69	M	2	2						4
	F	3							3
70 ≤	M								
	F	2							2
Unknown	M								
	F								
Subtotal	M	142	58	65		1		2	268
	F	50	41	16					107
Total		192	99	81		1		2	375

DEATHS DUE TO OVERDOSE OF DRUGS - MODE OF DEATH, AGE GROUP, ETHNIC GROUP, SEX

JULY 1, 1971 - JUNE 30, 1972

age group	sex	SUICIDE							
		White excluding Spanish Surname	Negro	Spanish Surname	Chinese	Japanese	American Indian	Others & Unknown	Total
≤ 9	M								
	F								
10 ≤ 19	M	13							13
	F	12	6	4		1	1		24
20 ≤ 29	M	63	3	10		2			78
	F	53	18	11				1	83
30 ≤ 39	M	34	6						40
	F	42	6	5	1	1			55
40 ≤ 49	M	32	5	2	1	1			41
	F	71	2	10					83
50 ≤ 59	M	35							35
	F	68	1	3					72
60 ≤ 69	M	22		3					25
	F	43	1	1					45
70 ≤	M	17							17
	F	45							45
Unknown	M								
	F	1							1
Subtotal	M	216	14	15	1	3			249
	F	335	34	34	1	2	1	1	408
Total		551	48	49	2	5	1	1	657

DEATHS DUE TO OVERDOSE OF DRUGS - MODE OF DEATH, AGE GROUP, ETHNIC GROUP, SEX

JULY 1, 1971 - JUNE 30, 1972

age group	sex	UNDETERMINED								Total by sex (accident, suicide, unknown)	Grand Total (accident, suicide, unknown)
		White excluding Spanish Surname	Negro	Spanish Surname	Chinese	Japanese	American Indian	Others & Unknown	Total		
≤ 9	M									5	9
	F									4	
10 ≤ 19	M	4	1	1					6	34	76
	F	2	2	2					6	42	
20 ≤ 29	M	15	4	2					21	243	386
	F	11	5	1				1	18	143	
30 ≤ 39	M	6	1						7	101	198
	F	9	5	2	1				17	97	
40 ≤ 49	M	7	1						8	82	189
	F	8	1	1					10	107	
50 ≤ 59	M	3							3	51	136
	F	8							8	85	
60 ≤ 69	M	4	1						5	34	88
	F	6							6	54	
70 ≤	M	1							1	18	68
	F	3							3	50	
Unknown	M										1
	F									1	
Subtotal	M	40	8	3					51	568	
	F	47	13	6	1			1	68	583	
Total		87	21	9	1			1	119		1151

DEATHS DUE TO OVERDOSE OF DRUGS - MODE OF DEATH, TYPE OF DRUG, AGE GROUP #1

JULY 1, 1972 - JUNE 30, 1973

mode of death / type of drug / age group	ACCIDENT								
	Barbi-turates	Narcotics	Barbs. & Narco.	Hypnotics excluding Barbs	Analgesics	Stimulants	Others	Unknown	Total
≤ 9	1					1	2		4
10 ≤ 19	11	13	3	1	1		2		31
20 ≤ 29	49	135	21	6	2	1	6	3	223
30 ≤ 39	14	56	3	4	1	1	2	1	82
40 ≤ 49	17	24	1	4				1	47
50 ≤ 59	12	2	1	2	1		4	1	23
60 ≤ 69	4	1	1				2		8
70 ≤	4						2		6
Unknown									
Total	112	231	30	17	5	3	20	6	424

DEATHS DUE TO OVERDOSE OF DRUGS - MODE OF DEATH, TYPE OF DRUG, AGE GROUP #2

JULY 1, 1972 - JUNE 30, 1973

mode of death / type of drug / age group	SUICIDE								
	Barbi-turates	Narcotics	Barbs. & Narco.	Hypnotics excluding Barbs.	Analgesics	Stimulants	Others	Unknown	Total
≤ 9									
10 ≤ 19	8		1	2	2	2		2	17
20 ≤ 29	74	4	1	10	12	2	2	1	106
30 ≤ 39	51	1	2	7	6	5	3		75
40 ≤ 49	48	2	1	17	4	3	2	3	80
50 ≤ 59	72	1	3	9	4		5	3	97
60 ≤ 69	52	1	1	2	1	3	2		62
70 ≤	53			6	2		2		63
Unknown				1					1
Total	358	9	9	54	31	15	16	9	501

DEATHS DUE TO OVERDOSE OF DRUGS - MODE OF DEATH, TYPE OF DRUG, AGE GROUP #3

JULY 1, 1972 - JUNE 30, 1973

mode of death / type of drug / age group	UNDETERMINED									Grand Total (accident, suicide, unknown)
	Barbi-turates	Narcotics	Barbs. & Narco.	Hypnotics excluding Barbs.	Analgesics	Stimulants	Others	Unknown	Total	
≤ 9										4
10 ≤ 19	6	2	3						11	59
20 ≤ 29	20	5	1	2	2		2	1	33	362
30 ≤ 39	12	2	2	1	2	2	2		23	180
40 ≤ 49	12	2	1	2	2	2			21	148
50 ≤ 59	11	3		1	2	1			18	138
60 ≤ 69	7			1					8	78
70 ≤	3							1	4	73
Unknown										1
Total	71	14	7	7	8	5	4	2	118	1043

DEATHS DUE TO OVERDOSE OF DRUGS - MODE OF DEATH, AGE GROUP, ETHNIC GROUP, SEX

JULY 1, 1972 - JUNE 30, 1973

age group	sex	ACCIDENT							
		White excluding Spanish Surname	Negro	Spanish Surname	Chinese	Japanese	American Indian	Others & Unknown	Total
≤ 9	M								
	F	3	1						4
10 ≤ 19	M	15	3	3					21
	F	7	2	1					10
20 ≤ 29	M	95	35	33		4		1	168
	F	24	26	4				1	55
30 ≤ 39	M	24	19	16					59
	F	10	10	3					23
40 ≤ 49	M	18	6	10				1	35
	F	7	2	3					12
50 ≤ 59	M	10	2						12
	F	9	1	1					11
60 ≤ 69	M	3		1					4
	F	3	1						4
70 ≤	M	1		1					2
	F	3	1						4
Unknown	M								
	F								
Subtotal	M	166	65	64		4		2	301
	F	66	44	12				1	123
Total		232	109	76		4		3	424

DEATHS DUE TO OVERDOSE OF DRUGS - MODE OF DEATH, AGE GROUP, ETHNIC GROUP, SEX

JULY 1, 1972 - JUNE 30, 1973

age group	sex	SUICIDE							
		White excluding Spanish Surname	Negro	Spanish Surname	Chinese	Japanese	American Indian	Others & Unknown	Total
≤ 9	M								
	F								
10 ≤ 19	M	5	1						6
	F	10	1						11
20 ≤ 29	M	46	1	5		1			53
	F	35	13	4	1				53
30 ≤ 39	M	24	1	5					30
	F	35	6	3	1				45
40 ≤ 49	M	32	1	1	1				35
	F	40	2	3					45
50 ≤ 59	M	26	1						27
	F	65		3	1	1			70
60 ≤ 69	M	22			1				23
	F	36	1	2					39
70 ≤	M	20	1	1					22
	F	40		1					41
Unknown	M	1							1
	F								
Subtotal	M	176	6	12	2	1			197
	F	261	23	16	3	1			304
Total		437	29	28	5	2			501

DEATHS DUE TO OVERDOSE OF DRUGS - MODE OF DEATH, AGE GROUP, ETHNIC GROUP, SEX

JULY 1, 1972 - JUNE 30, 1973

age group	sex	UNDETERMINED								Total by sex (accident, suicide, unknown)	Grand Total (accident, suicide, unknown)
		White excluding Spanish Surname	Negro	Spanish Surname	Chinese	Japanese	American Indian	Others & Unknown	Total		
≤ 9	M										4
	F									4	
10 ≤ 19	M	2	1	2					5	32	59
	F	4	1	1					6	27	
20 ≤ 29	M	12	2	2				1	17	238	362
	F	7	7	2					16	124	
30 ≤ 39	M	8							8	97	180
	F	7	5	3					15	83	
40 ≤ 49	M	9	2						11	81	148
	F	9	1						10	67	
50 ≤ 59	M	3	1	1					5	44	138
	F	12		1					13	94	
60 ≤ 69	M	2							2	29	78
	F	6							6	49	
70 ≤	M	2							2	26	73
	F	2							2	47	
Unknown	M									1	1
	F										
Subtotal	M	38	6	5				1	50	548	
	F	47	14	7					68	495	
Total		85	20	12				1	118		1043