

PLAINTIFF'S EXHIBIT

MBL-40

PROCEEDINGS
EIGHTH ANNUAL MEDICAL MEETING
SOCONY MOBIL OIL COMPANY, INC.,
AND AFFILIATED COMPANIES
PAULSBORO, NEW JERSEY
OCTOBER 14TH AND 15TH, 1954

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P R O G R A M

SOCCONY MOBIL OIL COMPANY, INC., MEDICAL MEETING
PAULSBORO, NEW JERSEY - OCTOBER 14 AND 15, 1954

Engineering Conference Room - Paulsboro Refinery

Thursday, October 14, 1954

MORNING

(9 a.m. - Joint Meeting)

Opening Remarks	C. L. Samuelson, M.D.
Welcome	E. L. Sinclair
Introduction of New Members and Review of Medical Activities	G. M. Saunders, M.D.
Management Remarks	R. Frothingham
Cardiac Symposium	Moderator: R. J. Potts, M.D.
Cardiac Emergencies	James Donaldson, M.D.
Recent Advances in Cardiac Surgery	Thomas J. O'Neill, M.D.
The Cardiac Work Classification Unit	David Gelfand, M.D.

AFTERNOON

(2 p.m. - Doctors' Session)

	Moderator: H. M. Roberts, M.D.
Analysis of Mortality Statistics	G. M. Saunders, M.D.
Magnolia Petroleum Company Medical Department	R. J. Potts, M.D.
Results of Physical Examinations of Marine Personnel	H. A. Sinclair, M.D.
Report on Activities of Medical Advisory Committee, A.P.I.	M. Clinton, M.D.
Labeling Regulations and Health Codes	A. C. Pabst

(2 p.m. - Nurses' Session)

Round Table Discussion of Activities and Problems of the Nurses	Moderator: Eleanor Zar, R.N.
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ANALYSIS OF MORTALITY STATISTICS

George M. Saunders, M.D.*

A preliminary report of a study of an analysis of mortality statistics was given by Dr. Saunders. There is not sufficient information to arrive at any conclusion from the figures given at this time.(1)

(1) See following tables and charts

*Medical Director, Socony Mobil Oil Company, Inc., New York City

MAGNOLIA PETROLEUM COMPANY MEDICAL DEPARTMENT

Robert J. Potts, M.D.**

Dr. Potts described the medical department of the Dallas office. He described forms used and some of the procedures. The orthorater is used to test visual acuity and at least 20/40 vision is required for employment. In most cases, blindness in one eye is considered a disqualifying defect. Electrocardiograms are made on all over 40 years of age. Hearing is tested by audiometer.

**Medical Director, Magnolia Petroleum Company, Dallas, Texas

RESULTS OF PHYSICAL EXAMINATIONS ON MARINE PERSONNEL

H. A. Sinclair, M.D.***

In August 1953, Socony-Vacuum opened a new medical clinic in New York City to care for Marine Personnel. This service had formerly been performed by the Esso Company Marine Medical Department. During the ensuing year, from August 1, 1953 to August 1, 1954, 892 complete physical examinations were performed, either pre-employment or periodic examinations. We will discuss a few of the findings that we feel are significant and can be important. Many of them can be treated and corrected, or advice

***Clinical Director, Socony Mobil Oil Company, Inc., New York City

Table 1

DEATHS ACCORDING TO AGE, EMPLOYEE - ANNUITANT STATUS, AND SEX
(643 reports, Sept., 1951, - Aug., 1954)

AGE GROUP- (In Years)	SEX		EMPLOYMENT STATUS		TOTAL
	Male	Female	Employees	Annuityants	
Less than 29	15	1	16	0	16
30 - 39	26	6	32	0	32
40 - 49	72	3	75	0	75
50 - 59	186	5	184	7	191
60 - 64	112	1	85	28	113
65 and over	210	6	14	202	216
TOTAL	621	22	406	237	643

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Table 2

DISTRIBUTION OF DEATHS BY PAYROLL OFFICES
(643 reports, Sept., 1951, - Aug., 1954)

<u>PAYROLL OFFICES</u>	<u>NUMBER OF DEATHS</u>
26 Broadway	38
Manufacturing	168
Marketing	226
Marine	38
General Petroleum Corporation	46
Magnolia Petroleum and Pipe Line Companies	127
Total	643

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Table 3

ANALYSIS OF CAUSES OF DEATHS BY AGE GROUPS
(648 reports, Sept., 1951, - Aug., 1954)

Age Groups (In Years)	Coronary Heart Disease		Malignancy		Accidents		Cerebrovascular Disease		Cardiovascular Renal		Miscellaneous		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
All ages	270	43.0	100	15.0	70	10.8	65	10.0	79	12.2	64	9.0	648	100.0
Less than 30	5	20.8	0	0.0	13	54.2	2	8.3	1	4.2	3	12.5	24	100.0
30 - 49	34	32.7	19	18.2	26	25.0	9	8.7	7	6.7	9	8.7	104	100.0
50 - 64	146	48.0	47	15.4	20	6.6	26	8.5	38	12.6	27	8.9	304	100.0
65 and over	85	39.4	34	15.7	11	5.1	28	12.9	33	15.3	25	11.6	216	100.0

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Table 4

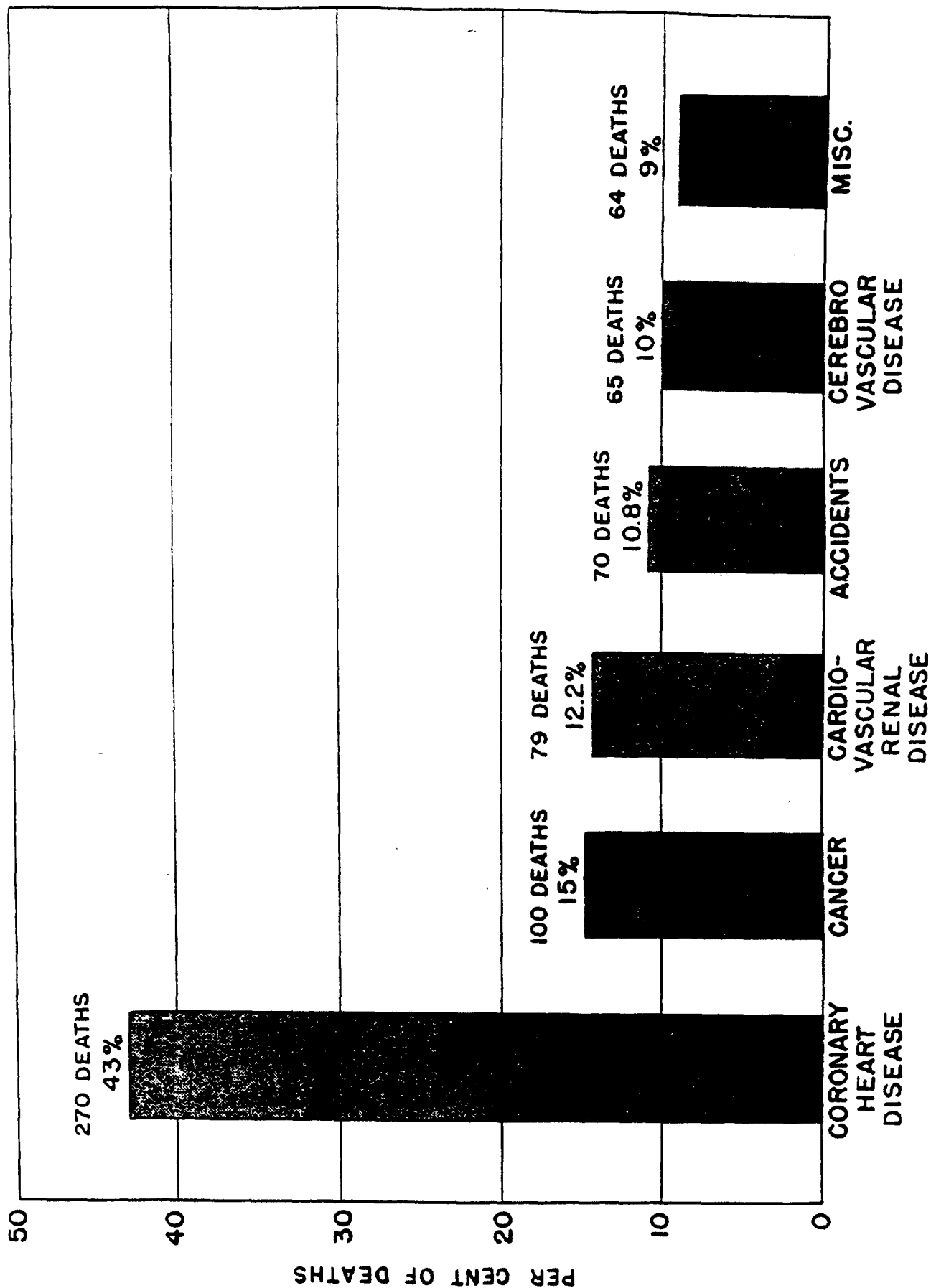
TABULATION OF DEATHS FOR SELECTED PERIOD OF 8 MONTHS
NOVEMBER, 1953, THROUGH JUNE, 1954

Total number of death reports	278.
Average number per month	34.7
Predicted number per year	416.
Estimated crude death rate per total population (employees and annuitants) (1)	8.9 per thousand
Estimated crude death rate, employees only (2)	6.1 per thousand
Metropolitan Life Insurance Co. rate for insured groups (white males, all ages, first 6 months, 1954)	6.98 per thousand
Death rate, white males, U.S., all ages, 1950	10.9 per thousand

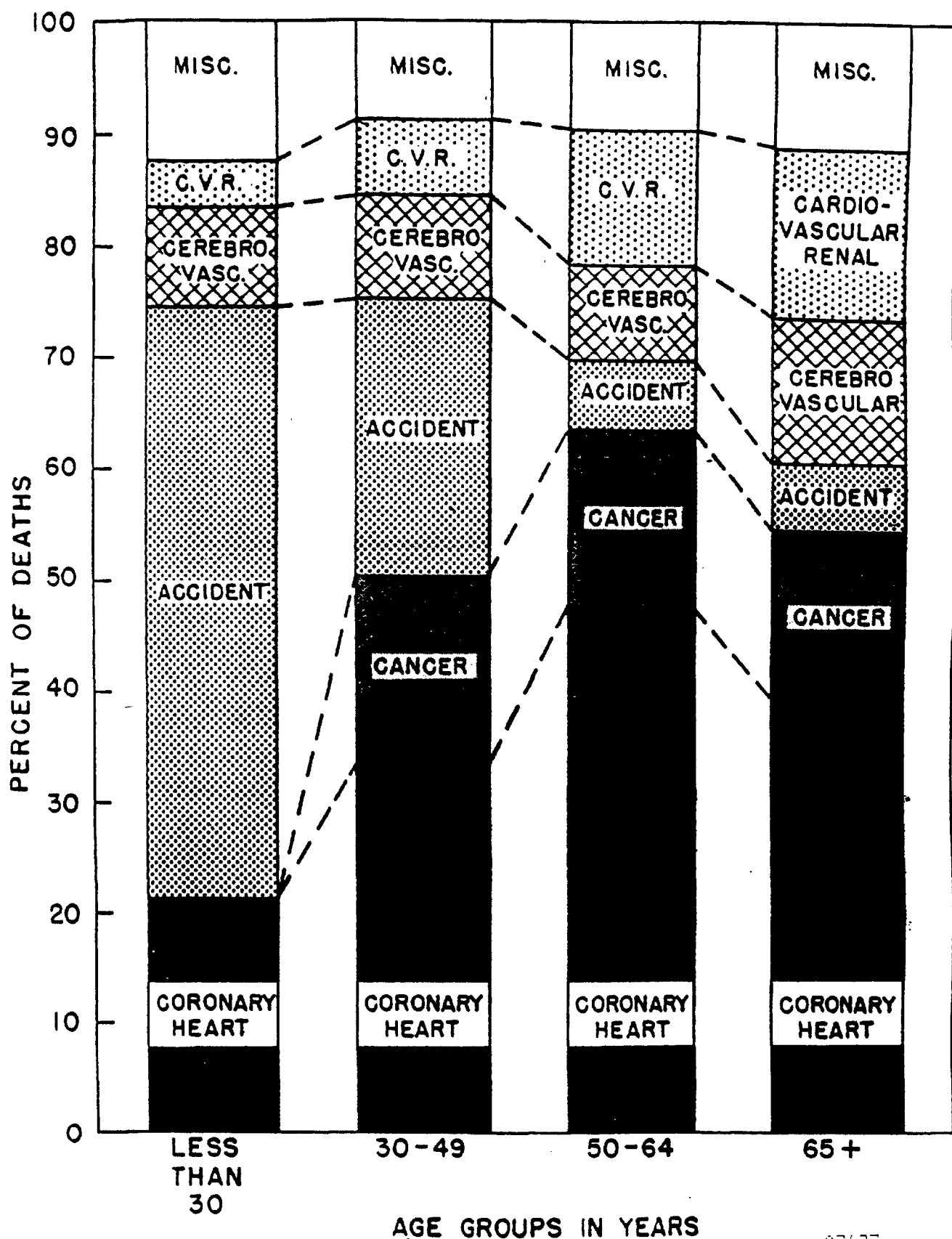
(1) Employees 43,000; Annuitants 3,400

(2) Applying ratio - 406/643 - employee deaths to total deaths
over entire period (1951 - 1954)

DISTRIBUTION OF 648 DEATHS BY CAUSE (SEPT. 1951 - AUGUST 1954)



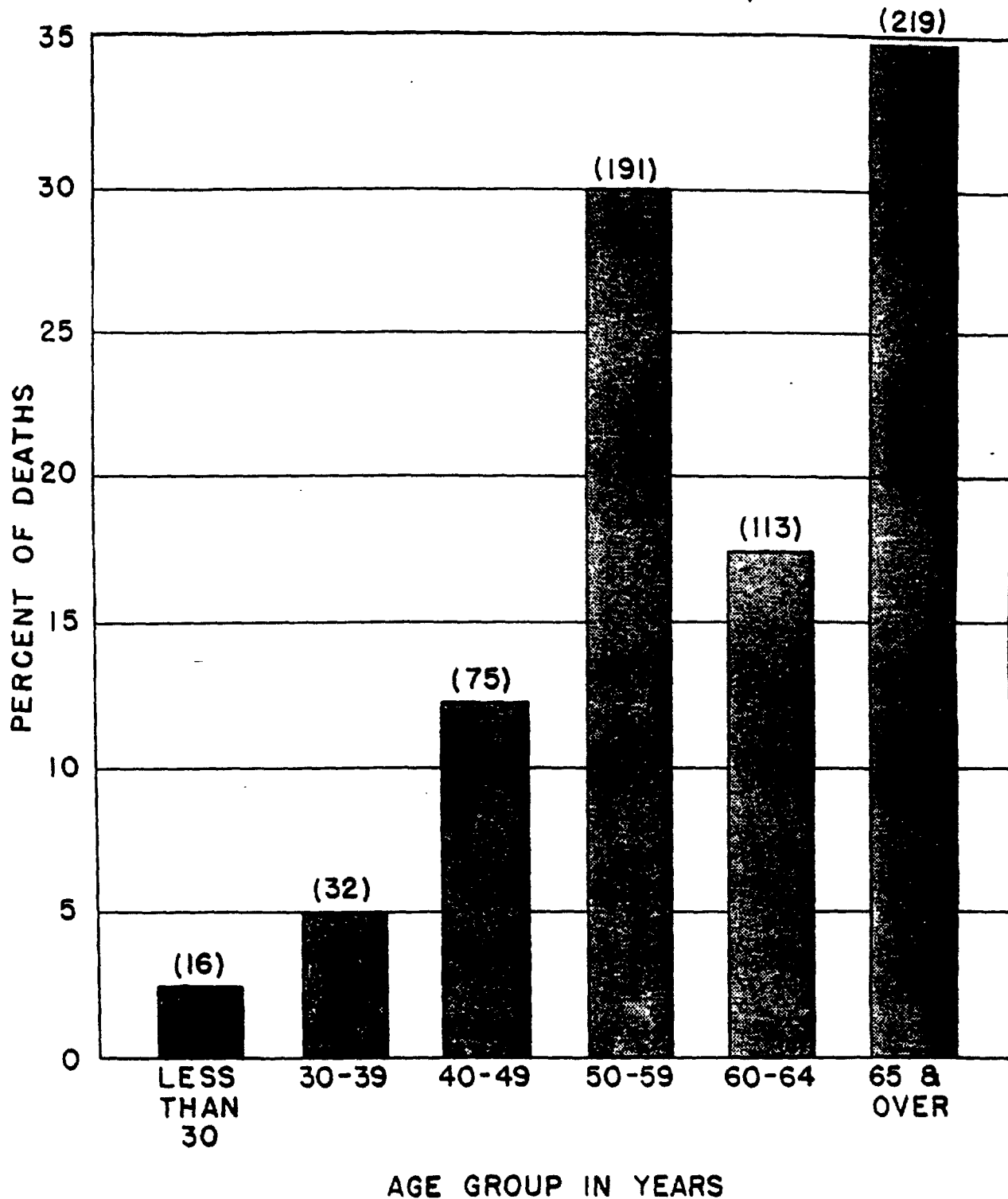
CAUSES OF DEATH BY AGE (648 DEATHS) (SEPT. 1951 - AUGUST 1954)



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ANALYSIS OF 646 DEATH REPORTS
SOCONY-VACUUM PERSONNEL
(SEPT. 1951 - AUGUST 1954)



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