

1981

MISC.

REPORTS

## DROWNING DEATHS IN ALASKA

In 1979 drowning became the number one cause of accidental death in Alaska for the first time in several years. In 1980, the number of drowning deaths was even more alarming, increasing from 95 in 1979 to 130 in 1980 - the highest rate in 10 years. While the number of drownings during the first half of 1981 is significantly lower than last year (down from 54 to 32), the drowning rate remains distressing. Alaska's rate has never been less than four times the national average in the last 20 years.

Alaskans depend on coastal waters and inland waterways for travel, commercial and subsistence fishing - as well as for recreational activities. For these reasons, coupled with the fierce weather conditions and cold temperatures synonymous with Alaska, drowning rates always will be significantly higher than those in the rest of the United States. However, there are any number of measures which can be taken to reduce this rate.

As a first step, the Emergency Medical Services Section in 1980 reviewed all available Bureau of Vital Statistics death certificates and Alaska State Trooper Reports for the years 1975 through 1979; and U.S. Coast Guard Boating Accident Reports for the years 1977 through 1979 in an attempt to identify common factors associated with drowning deaths in Alaska. In summarizing these findings it should be noted first that while each report form provided for detailed recording of contributing factors and circumstances surrounding the death, this information was rarely recorded. Nevertheless, some useful generalizations were discovered or confirmed. Following are some facts which should help determine where emphasis should be placed in safety and prevention efforts in Alaska, in order for them to have the most impact.

### DROWNING DEATHS IN ALASKA, 1975-1979

#### I. Characteristics of Those Who Drowned

<u>TOTAL:</u>	485 residents and non-residents
<u>RESIDENCE:</u>	87% were Alaska residents
<u>AGE:</u>	The age group 15-24 had the most deaths, 32%; the group with the next highest number was 25-34 years, with 29%; age 34-44 had 13% of the deaths. (Among natives, the highest age group was 35-44; among non-natives the highest age group was 25-34).
<u>SEX:</u>	89% were males
<u>RACE:</u>	60% were non-native; 40% were native, who make up only 16% of Alaska's population.
<u>YEARS IN ALASKA:</u>	Practically half, 46%, had lived at least eleven years in Alaska. Only 19% had lived in Alaska less than a year.

AREA OF STATE:

The highest drowning rate per population was in Southeast Alaska. It was twice as high as in Northern and Southcentral Alaska. However, among the native population, the highest rate was in the Northern area.

Native Regional Corporation areas with the highest rates (both residents and non-residents drowned per 100,000 population) were:

Koniag	116
Bristol Bay	97
Calista	80
Bering Straits	73
Chugach	71

OCCUPATIONS:

The most common occupations cited were Fishermen (26%); Students (12% - about 20% of these were on fishing boats); and Laborers (9%).

II. Circumstances Surrounding the Drownings

GENERAL TYPE OF ACCIDENT:

Recreational activities were associated with 45% of the drownings; accidental drowning associated with water transport accounted for another 30%; and accidents to the boats themselves (sinking) caused the remaining 25%.

CONTRIBUTING FACTORS:

A. 130 of the 485 death certificates noted special circumstances:

50 reported poor weather conditions;  
34 reported that a canoe was involved;  
46 noted that the victim had been intoxicated.

B. Trooper reports indicated that 25% of the cases involved a capsized boat; in 17% of the cases the victim had fallen out of the boat; in another 13% the person had fallen in from the shore or dock. 19% had been intoxicated.

MONTHS WHEN DROWNING MOST

OFTEN OCCURS:

May, June, July, August & September, with July and August leading.

TIMES WHEN DROWNING MOST

OFTEN OCCURS:

Afternoon and evening.

BODIES OF WATER WHERE

DROWNING IS COMMON:

Ocean Bays - 23%  
Rivers - 23%  
Open Sea - 23%  
Lakes - 16%  
Harbor/Dock - 11%

III. Additional Information from 60 Coast  
Guard Reports Filed Between 1977-1979

PERSONAL FLOTATION JACKETS:  
(PFDs)

Accessible in only 45% of the boats.  
In these boats, 48% of the PFDs were  
not used.

TYPES OF BOATS MOST OFTEN  
INVOLVED:

Open motor boats, 45%; cabin motorboats,  
17%; canoes, 17%; and skiffs, 10%.

PRIMARY CAUSES:

Fault of operator 25%  
Weather conditions 12%  
Faulty equipment 10%  
Collision w/object 10%

SWIMMING KNOWLEDGE:

Unknown in 43% of victims;  
No knowledge in 19%;  
Knowledge in 38%.

WATER CONDITIONS:

Calm 28%;  
Very rough 23%;  
Choppy 15%;  
Rough 13%.

This information was compiled by the  
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ALASKA HEALTH CARE PROVIDER'S INVENTORY  
PROJECT REPORT

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May, 1978

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## PREFACE

It is my pleasure to submit the final report on the Health Care Provider's Project. The project represents many hours of many people's time and those people should be recognized.

Debbie Behr, Research Analyst for Legislative Affairs, designed and worked on the project. Sharman Haley, Research Analyst, Legislative Affairs, provided technical assistance, moral support, and the computer program and print-out for the project. Susan Kilka was the graphic artist responsible for the map. Charlie Parr was the person requesting the project. Without him it might not have happened.

Each person involved with project did a fine job and should be proud of it. I want to thank everyone for their time, hard work, and most of all, patience and understanding.

Rochelle Plotnick  
May, 1978

## PROJECT HISTORY

During the 1977 legislative session, Representative Charlie Parr, chairman of the Health, Education and Social Services Committee, submitted a work order to Legislative Affairs Agency for an interim project regarding distribution and accessibility of Alaskan health care providers and facilities. Debbie Ehr received the work order and began to draft a research design for the study.

An early decision was made as to which facilities and professionals would be included. Representative Parr was given a list of many possibilities and made his choices from it. The professions chosen were: 1) doctors; 2) registered nurses; 3) licensed practical nurses; 4) physician assistants; 5) dentists; 6) community health aides; 7) state public health nurses; 8) psychiatrists; 9) audiologists; 10) opticians 11) optometrists; 12) pharmacists. The facilities chosen were: 1) hospitals; 2) state public health centers; 3) community mental health centers; 4) diagnostic facilities; 5) Public Health Service - village built clinics; 6) communicative disorders clinics; 7) long-term care facilities.

The project design included a computer file which would hold all the data obtained - location, specialty, special resources, number of staff, etc. It would be capable of producing a print-out listing the facilities and professions and allow specific information to be stored and pulled from the file when needed. There was no provision for updating the computer file at that time.

The final product of the project was to be a map displaying location and concentration of facilities and professions by the use of colors, symbols or pins.

By August 1977, the project was well under way. Nearly half the facilities and professions had been coded and keypunched. Those remain- to be coded and keypunched were: pharmacists, physician assistants, audiologists, dentists, state public health centers, diagnostic facilities, Public Health Service - village built clinics and communicative disorders clinics. Debbie Behr went on leave at the end of August. In late September Rochelle (MacKinnon) Plotnick contracted with Legislative Affairs Agency to complete the project. Plotnick began coding the remaining categories where Behr had stopped. Data were difficult to obtain in several of the uncoded categories, such as audiologists and physician assistants. Also, some of the categories were not well defined, such as "diagnostic facility". Despite the difficulties, all the information had been gathered and coded by December 23. What remained was the keypunching of about 500 computer cards, the writing of a computer program and getting a print-out, the production of a map, and writing the report. All has now been completed, with this report being the final phase of the project.

The following sections of this report will explain the data, and tell how and from where they were obtained. Instructions for future use of the data base are included, as well as recommendation for the future of the project. Data sources are included in the "codes" section under chart "J: source of information".

## METHODOLOGY

The main theme of this project was "obtain and incorporate"--which means that information was gathered and included in a data base. Take one category for example. A list of licensed pharmacists in Alaska was obtained from the Department of Commerce & Economic Development, Division of Occupational Licensing. The following information was then coded on a coding sheet for each pharmacist, and keypunched: project code; provider identification number; village code; type of profession; whether currently practicing; type of practice; whether itinerant; geographic region; speciality; whether medicaid clients accepted; and data source and date. Information which was not available or not applicable to pharmacists was coded "unknown". Since there were 157 pharmacists, there were 157 coding sheets, each filled out as described above. Thus, pharmacists were incorporated in the data base, to be included in the computer print-out when all categories were complete.

Not all categories had the same amount of information available as this illustrative case. Sometimes there was more, sometimes less. But this will be covered more explicitly with the description of each one.

## RESULTS

In this section each category will be discussed. Their order of placement for discussion is based on the overlays on which they appear on the map: overlays one, two, and three respectively. This discussion will serve as a brief description for both the map and the computer print-out. Additional information is obtainable in the notebooks containing the coding sheets and their sources, the coding explanation book, or other references listed. This report will either give basic information or tell where to go for it. It should be kept in mind that change occurs constantly so this survey is already dated. New facilities are opening frequently and additional people are being licensed. Some licensed professionals are not practicing.

### MAP EXPLANATION

Three shapes are used on the map: squares, circles and triangles. Small sizes represent one professional or one facility. Large sizes represent ten. A large size with a white dot placed in it represents 100. As each profession and facility is described from overlay 1, 2, and 3, its color will be given. A key with all this information is located on the upper right hand corner of the map. Also, a red disk accompanies the map. This disk serves as a distance guide for air travel. Its radius equals one hour's flying time, or 100 miles, in a "180" airplane.

## OVERLAY 1

### Public Health Service - Village Built Clinics

Public Health - Village Built Clinics are village built and owned clinic facilities leased to the Alaska Area Native Health Service. Primary health care is regularly provided in the clinic by community health aides. Care is also provided by the Alaska Area Native Health Service and state health professionals on an itinerant basis. There are 116 village built clinics in Alaska, located in rural areas. In some instances they are the only health facilities in an area. They are represented on the map by purple squares. Information was obtained from Alaska Area Native Health Service, Area General Services Branch.

### Community Health Aides

Community Health Aides are Alaskans trained to provide primary health care in rural areas. Their responsibilities include examining patients with simple problems, determining appropriate treatment, making referrals, providing primary treatment, arranging transportation, and working with other health professionals visiting the village. Community Health Aides are permanent residents of the village in which they work, and must be acceptable to most of the people in their community. Their salary comes from either a regional health corporation, or another Native organization which obtains funds through contracting with the Alaska Area Native Health Service. The three health aid training agencies in the state are the AAIHS in Anchorage, the Yukon-Kuskokwim Health

Corporation in Bethel, and the Norton Sound Health Corporation in Nome. At the time of this survey there were 216 Community Health Aides listed, according to the AANHS. Some of these are either full or part time, or alternates. They are shown on the map as brown dots. In some cases there is no PHS clinic for an aide to use, so the aide must work in people's homes. In approximately 25 villages the health aide is the ONLY health professional in the village.

#### State Public Health Centers

The 28 State Public Health Centers in Alaska are staffed by State Public Health Nurses who offer a wide range of services. The centers provide immunizations, vaccines, TB tests, VD screening and treatment, women's health screening (breast exams, pap smears, pregnancy tests), contraceptives, maternity care, and child health care and nutrition. They are represented on the map by brown squares. The data on them were obtained from the State Department of Health and Social Services (DH&SS).

#### Licensed Practical Nurses

According to the State Department of Commerce & Economic Development, Division of Occupational Licensing, there are 655 licensed practical nurses in Alaska. Data on whether or not they are practicing were unobtainable. An LPN must graduate from an accredited practical nursing program, complete the tenth grade or its equivalent, be at least 18, and pass a written exam issued by the State Board of Nursing. Most LPN's work in institutions since they are required to be supervised by a Registered Nurse. They are shown as green dots on the map. Practical nurses are exempt from state licensure if employed by the United States Government pursuant to AS 08.68.400,1).

### Registered Nurses

At the time of the survey, the State Division of Occupational Licensing reported 2,283 Registered Nurses licensed and residing in Alaska. Data on those currently practicing were not available. To qualify as an RN one must complete high school or the equivalent, graduate from an accredited professional nursing school, and pass an exam issued by the State Board of Nursing. Their training is more technical than for LPN's, including anatom. physiology, and more specialized courses. The map shows RN's with red dots. Registered Nurses are exempt from state licensure if employed by the United States Government pursuant to AS 08.68.400(1).

### Physician Assistants

According to the Alaska Academy of Physician Assistants there are 66 Physician Assistants in Alaska. The Alaska State Medical Board is writing currently proposed licensing regulations for the PA's in the state. Pursuant to AS 08.64.107, the regulations will include educational qualifications, registration procedures, the scope of activities authorized and the responsibilities of the supervising or training physician. Until the regulations are promulgated, no mandatory registration for PA's exists. When they are promulgated, the Division of Occupational Licensing will have a listing of the PA's in Alaska. The 66 Physician Assistants listed in the project are represented by blue triangles.

## OVERLAY II

### Hospitals

From information supplied by the Division of Certification and Licensing, DHSS, 26 hospitals in Alaska were accounted for. Of these, seven are United State Public Health Service, and two are military. Seven of these facilities also serve as nursing homes, but were not with the nursing homes to avoid duplication. Hospitals are represented by red squares on the map.

### Nursing Homes

Excluding the seven hospitals mentioned in the preceding paragraph, there are four nursing homes in Alaska: Anchorage has two; Seward and Fairbanks have one each. Nursing homes are shown on the map as blue squares. This information was obtained from Certification and Licensing, Department of Health and Social Services.

### Laboratories

There are approximately 24 labs in the state. Those located within hospitals were not included, to avoid duplication. Data were obtained from the Division of Public Health, DHSS. Labs are represented by orange triangles on the map.

### Diagnostic Facilities

Originally, the intent of this category was to be a "catch-all" for anything accidentally left out of the survey. It was used for miscellaneous facilities such as the Breast Cancer Detection Center in Fairbanks, the Kidney Machine Center in Anchorage, the health center at the University of Alaska in Fairbanks, the Anchorage Blood Bank, and the

health center in Anchorage run by the municipality, to name a few. Also, communicative disorders clinics are counted as diagnostic facilities. This was a category originally, and later was combined with diagnostic facilities for the print-out map. There are nine communicative disorders clinics in the state offering services such as hearing tests, hearing aid fittings, diagnostic evaluations of speech and hearing impairments, and diagnosis and treatment of otitis media. This group is represented by green squares on the map. This information was obtained from various sources. They include the Directory of Human Service Organizations, published by the Legislative Affairs Agency, the House HESS files, and the Department of Health & Social Services. For more specifics, one must refer to the coding sheets and code explanation book.

#### Doctors

According to the Alaska State Medical Association there are 551 physicians in Alaska. Of these, 360 are in private practice, 74 are with the military, 86 are with the United States Public Health Service, 12 are with other federal agencies (such as FAA, Native Health Corps, etc.), and 19 are with the State of Alaska. Besides the State Medical Association, the Division of Occupational Licensing was used as a data source. When known, a physician's specialty has been coded, but this is not reflected on either the map or the print-out. The only exception is for psychiatrists. These doctors were placed in a separate category and will be discussed in the section for overlay three. Orange dots were used for doctors on the map. Pursuant to AS 08.64.370. physicians employed by either the military or United States Public Health Service are exempt from state licensure.

### Pharmacists

The Division of Occupational Licensing lists 157 licensed pharmacists in the state. It is not known how many of these are practicing. At least one pharmacist exists in every place there is a pharmacy in the state, but not vice versa. Pharmacists are shown as blue dots on the map. Pharmacists employed in federal institutions are exempt from licensure pursuant to AS 08.80.475.

## OVERLAY III

### Community Mental Health Centers

There are 20 Community Mental Health Centers throughout Alaska. With an emphasis on serving rural communities, the centers offer a wide range of services including outpatient care, counseling, follow-up after treatment, crisis intervention, education, planning, and consultation. The focus on these centers is to provide psychological assistance at a local level, minimizing institutionalization at Alaska Psychiatric Institute. Also, some psychological problems are not serious and can be easily treated at the local level. These centers appear as orange squares on the map. This data was obtained from the Division of Mental Health and Developmental Disabilities, DHSS.

### Facilities for the Mentally Ill & Developmentally Disabled

In Alaska, there is one in-patient facility for the mentally ill and three in-patient facilities for the developmentally disabled. Alaska Psychiatric Institute is an in-patient treatment center located in Anchorage. It is owned and operated by the State of Alaska. Though its main purpose is for the mentally ill, API does treat some retarded individuals. The State of Alaska owns and operates Harborview Development Center for the developmentally disabled. Included are the mentally retarded, those suffering from severe cerebral palsy, epilepsy, or autism, or any condition resulting in impairment of general intellectual functioning, affecting a person's ability to function normally in society. Harborview's services include vocational-occupational training, recreational and physical therapy, psychological and social services and special education.

Harborview is in Valdez, Alaska. The two additional facilities for the retarded are in Anchorage. Hope Cottages operates two residential facilities for developmentally disabled children. Occasionally, hospitals will accept psychiatric patients, but they do so reluctantly as they are not official treatment centers. These facilities are represented by green triangles on the map. Information was obtained from the Division of Mental Health & Developmental Disabilities.

### Psychiatrists

Psychiatrists are medical doctors specifically trained in psychiatry. There are 30 psychiatrists in Alaska, concentrated in the Anchorage area. They are represented on the map by purple dots. Data were obtained from the Alaska State Medical Association and the Division of Occupational Licensing.

### Dentists

According to a survey conducted by the Alaska Dental Society in the fall of 1977, there are 220 practicing dentists in Alaska. They are shown on the map as brown triangles. Occupational Licensing has 370 licensed dentists, with 228 listing Alaskan addresses.

### Optometrists

According to both the Division of Occupational Licensing and the Alaska Optometric Association there are 25 licensed optometrists in Alaska. Optometrists are individuals specifically trained to examine, diagnose and treat conditions or impairments of the vision system. Though commonly known as "doctors", optometrists are not medical doctors. (M.D.'s trained in this specialty are ophthalmologists). However, optometrists

do receive four years of specialized professional training after a minimum of two years of undergraduate college study. By Alaskan statute (AS 08.72.300), optometrists are allowed to diagnose optical deficiencies or deformities, prescribe or apply lenses, prisms, or ocular exercises for the correction or relief of the human eye. They are represented by purple triangles on the map.

#### Dispensing Opticians

The Division of Occupational Licensing lists 43 licensed opticians in Alaska. Their work includes preparing and dispensing lenses, spectacles, eyeglasses, or artificial eyes to intended wearers on written prescriptions from physicians or optometrists (AS 08.71.240.(3)). In other words, the patient has to go to either an optometrist or an ophthalmologist to get a prescription for glasses or contact lenses, and the dispensing optician fills the prescription. Dispensing opticians are shown as red triangles on the map.

#### Audiologists

There are 15 audiologists in Alaska, but not all are practicing. Information was obtained from the Alaska Speech and Hearing Association, since there is no licensing required for audiologists. (However, licensing legislation is currently pending.) Audiologists' work includes applying principles, methods, and procedures for measurement, testing, evaluation, prediction, consultation, counseling, instruction, and rehabilitation related to hearing and disorders of hearing. This specialty requires a graduate degree. Audiologists are represented by yellow dots on the map.

## RECOMMENDATIONS

The data collected for this project have a variety of uses. There are numerous specialities that could be listed in a computer print-out. For example, if we wanted to know how many pediatricians there were in Southeastern Alaska, we could obtain a print-out of that category, with the proper computer program. Information exists concerning not only specialties, but geographic locations and special resources of facilities. Of course, not all information is as complete as others, but it can always be expanded.

The Department of Health & Social Services may be eligible to receive federal funds to collect statistics on health resources and facilities in Alaska. This Cooperative Health Statistics System is possible because of the 1974 Health Services Research, Health Statistics, and Medical Libraries Act - Public Law 93-641. Many of the health occupations in this program are included in the present survey. Dental hygienists, physical therapists, nursing home administrators, chiropractors, podiatrists, and veterinarians will also be included. In September of 1976, 45 states were at least in the developmental stages of data collecting. State Health Statistics Centers are usually in the health department of a state government. To be accepted into the program the center must meet specific criteria, including being able to obtain timely reliable and comprehensive data, use acceptable statistical ability, and establish plans for future expansion.

It is my recommendation that the data collected for this project be shared with the Alaska Department of Health & Social Services, providing they want it and the information could be of some benefit to them.

This project has future potential and could be useful for a number of organizations and purposes. The design for this data base has been set up and could easily be updated, annual, bi-annually, or once every two years.

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INDEX TO ADDITIONAL PROJECT RESOURCES AND WHERE TO FIND THEM

1. A map showing distribution of facilities and professions - located in the house HESS Committee Room (112 Capitol Bldg.).
2. The completed coding sheets organized in labeled notebooks - located in the Legislative Affairs Agency, Research Division.
3. The keypunched data cards in three boxes in Legislative Research.
4. A computer print-out, communities listed by election district with amounts of facilities and professions tabulated - located in House HESS during the session, and Legislative Research.
5. A coding notebook, with code explanations and sources - located in Legislative Research.
6. A notebook with project correspondence, development, etc. located in Legislative Research.
7. A computer generated data tape, T01-310-HREP(#3945-4) located in the data processing tape library, due to expire January, 1980.
8. The documentation of the tape generation and formatting - located in Legislative Research.

INVENTORY OF HEALTH CARE FACILITIES AND HEALTH CARE PROVIDERS IN ALASKA

PLACE	ALASKA	OUTSIDE	IN STATE TOTAL
Village Built Clinics	116		116
State Public Health Centers	28		28
Hospitals	26		26
Nursing Homes	4		4
Laboratories	24		24
Diagnostic Facilities	22		22
Communicative Disorders Clinics	5		9
Community Mental Health Centers	20		20
Intermed. Care Facilities for Mentally Retarded	4		4
Community Health Aides	216		216
Licensed Practical Nurses	795	140	655
Registered Nurses	2716	433	2283
Physicians Assistants	66		66
Doctors	558		558
Psychiatrists	30		30
Pharmacists	157		157
Dentists	220		220
Optometrists	38	13	25
Opticians	47	4	43
Speech Pathologists	74		74
Audiologists	15		15

*Handwritten marks: a large asterisk and a scribble.*

INVENTORY OF HEALTH CARE FACILITIES AND HEALTH CARE PROVIDERS IN ALASKA ELECTION DISTRICT 1

PLACE	Village Built Clinics	State Public Health Centers	Hospitals	Nursing Homes	Laboratories	Diagnostic Facilities	Communicative Disorders Clinics	Community Mental Health Centers	Intermed. Care Facilities for Mentally Retarded	Community Health Aides	Licensed Practical Nurses	Registered Nurses	Physicians Assistants	Doctors	Psychiatrists	Pharmacists	Dentists	Optometrists	Podiatrists	Speech Pathologists	Audiologists
ANNETTE ISLAND											1	1								1	
CRAIG										2											
HYDAPURG	1	1								1											
KASANI										1	17	77		15	1	11	5	2			1
KEITCHIKAN			1		2			1		2	2	1									
KLAWICK										1		6									
MEILLAKATLA	1																				
HARD CONVE																					
DISTRICT TOTAL	2	2	1		2			1		7	20	85		15	1	11	5	2		1	1

INVENTORY OF HEALTH CARE FACILITIES AND HEALTH CARE PROVIDERS IN ALASKA  
ELECTION DISTRICT 2

DISTRICT	TOTAL	Village Built Clinics	State Public Health Centers	Hospitals	Nursing Homes	Laboratories	Diagnostic Facilities	Communicative Disorders Clinics	Community Mental Health Centers	Intermed. Care Facilities for Mentally Retarded	Community Health Aides	Licensed Practical Nurses	Registered Nurses	Physicians Assistants	Doctors	Psychiatrists	Pharmacists	Dentists	Optometrists	Opticians	Speech Pathologists	Audiologists	
ANIGCEN		1					1				2		1									1	
GUSTAVUS			1								3	1	1										
HOGANAH											2		1										
KAKE			1	1							1	3	1		2							2	
PETERSBURG			1	1			1				1	3	25										
TENAKEE SPRINGS			1	1							1	2	1		2								
WRANGELL						1							12										
DISTRICT TOTAL		1	3	2		2	2				8	6	43		4		4	2			3		

INVENTORY OF HEALTH CARE FACILITIES AND HEALTH CARE PROVIDERS IN ALASKA  
ELECTION DISTRICT 3

PLACE	ELFIN COVE	MOUNT EDGE-CUMBE	PELLICAN	SITKA	YAKUTAT	DISTRICT TOTAL
Village Built Clinics			1			1
State Public Health Centers			1			1
Hospitals		1	1			2
Nursing Homes						
Laboratories						
Diagnostic Facilities						
Communicative Disorders Clinics		1				1
Community Mental Health Centers			1			1
Intermed. Care Facilities for Mentally Retarded						
Community Health Aides			2			2
Licensed Practical Nurses		8	12			20
Registered Nurses		12	4	3	2	21
Physicians Assistants						
Doctors		1	5			6
Psychiatrists						
Pharmacists		1	4			5
Dentists		2	3			5
Optometrists			1			1
Opticians						
Speech Pathologists			1			1
Audiologists						

INVENTORY OF HEALTH CARE FACILITIES AND HEALTH CARE PROVIDERS IN ALASKA  
ELECTION DISTRICT 4

PLACE	HAINES	JUNEAU	KLUKWAN	SKAGWAY	DISTRICT TOTAL
Village Built Clinics					
State Public Health Centers	1				1
Hospitals	1				1
Nursing Homes					
Laboratories	1				1
Diagnostic Facilities	1				1
Communicative Disorders Clinics					
Community Mental Health Centers	1				1
Intermed. Care Facilities for Mentally Retarded					
Community Health Aides	1				1
Licensed Practical Nurses	29				29
Registered Nurses	156	6			162
Physicians Assistants					
Doctors	23				23
Psychiatrists	1				1
Pharmacists	10				10
Dentists	10	1			11
Optometrists	2				2
Opticians	1				1
Speech Pathologists	6				6
Audiologists					1

INVENTORY OF HEALTH CARE FACILITIES AND HEALTH CARE PROVIDERS IN ALASKA  
ELECTION DISTRICT 5

PLACE	CHENEGA	COPPER CENTER	CORDOVA	GLENNALLEN	GULKANA	HOPE	SEWARD	TATITLEK	VALDEZ	DISTRICT TOTAL
Village Built Clinics		1		1						2
State Public Health Centers			1	1		1		1		4
Hospitals			1	1				1		4
Nursing Homes						1				1
Laboratories			1							1
Diagnostic Facilities										
Communicative Disorders Clinics										
Community Mental Health Centers			1			1				3
Intermed. Care Facilities for Mentally Retarded							1			1
Community Health Aides		1		1			1			3
Licensed Practical Nurses		1	2			12		10		25
Registered Nurses		4	20	17		31		41		114
Physicians Assistants								2		3
Doctors			2	1		2		2		7
Psychiatrists										
Pharmacists			1		1	2		3		7
Dentists				1				1		3
Optometrists										
Opticians										
Speech Pathologists						1		4		5
Audiologists										1

INVENTORY OF HEALTH CARE FACILITIES AND HEALTH CARE PROVIDERS IN ALASKA  
ELECTION DISTRICT 6

PLACE	PALMER	SUTTON	TALKEETNA	TRAPPERS CREEK	WASILLA	WILLOW	DISTRICT TOTAL
Village Built Clinics							
State Public Health Centers	1				1		2
Hospitals	1						1
Nursing Homes							
Laboratories	1						1
Diagnostic Facilities							
Communicative Disorders Clinics							
Community Mental Health Centers							
Intermed. Care Facilities for Mentally Retarded							
Community Health Aides							
Licensed Practical Nurses	10	1			3	3	17
Registered Nurses	45	1	4		17	6	73
Physicians Assistants	1						1
Doctors	5			1			7
Psychiatrists							
Pharmacists	3				2		5
Dentists	2				3		5
Optometrists							
Opticians							
Speech Pathologists							
Audiologists							

INVENTORY OF HEALTH CARE FACILITIES AND HEALTH CARE PROVIDERS IN ALASKA  
ANCHORAGE AREA - ELECTION DISTRICTS 7-12

PLACE	ANCHORAGE	CHUGIAK	EAGLE RIVER	FLMENDORF AFR	FCRT RICHARDSON	GIRDWOOD	INDIAN	PCRTAGE	DISTRICT TOTAL
Village Built Clinics									1
State Public Health Centers									1
Hospitals	3		1						4
Nursing Homes	2								2
Laboratories	6								6
Diagnostic Facilities	7								7
Communicative Disorders Clinics	5								5
Community Mental Health Centers	1								1
Intermed. Care Facilities for Mentally Retarded	3								3
Community Health Aides							1		1
Licensed Practical Nurses	314	9	20	19	3				374
Registered Nurses	509	8	63	37	28	7	2		1144
Physicians Assistants	10		3	1	1				15
Doctors	309		1	9					319
Psychiatrists	24		1						25
Pharmacists	70	1	4	1					76
Dentists	108		2	17	3				130
Optometrists	12								12
Opticians	36	1					1		38
Speech Pathologists	24		2						26
Audiologists	7								7

INVENTORY OF HEALTH CARE FACILITIES AND HEALTH CARE PROVIDERS IN ALASKA  
ELECTION DISTRICT 13

PLACE	ANCHOR POINT	ENGLISH BAY	HOMER	KASILOF	KENAI	MINILCHIK	POPT GRAHAM	SELDOVIA	SOLDOTNA	STEPLING	TYONEK	DISTRICT TOTAL
Village Built Clinics	1				1							5
State Public Health Centers		1			1							2
Hospitals		1					1					2
Nursing Homes												
Laboratories		1					1					2
Diagnostic Facilities												
Communicative Disorders Clinics												
Community Mental Health Centers					1							2
Intermed.Care Facilities for Mentally Retarded												
Community Health Aides		1				1				1		4
Licensed Practical Nurses		6			11	1		8				27
Registered Nurses	2	26			23		1	34		2		91
Physicians Assistants		1			2							3
Doctors		1			1		7					10
Psychiatrists												
Pharmacists		1			4		5					10
Dentists		2			3		3					8
Optometrists					1							1
Opticians												
Speech Pathologists		1			1							5
Audiologists								2				

INVENTORY OF HEALTH CARE FACILITIES AND HEALTH CARE PROVIDERS IN ALASKA  
ELECTION DISTRICT 14

PLACE	KODIAK DUZINKIE	DISTRICT TOTAL
Village Built Clinics		
State Public Health Centers	1	1
Hospitals	1	1
Nursing Homes		
Laboratories	1	1
Diagnostic Facilities		
Communicative Disorders Clinics		
Community Mental Health Centers	1	1
Intermed. Care Facilities for Mentally Retarded		
Community Health Aides	1	1
Licensed Practical Nurses	9	9
Registered Nurses	29	29
Physicians Assistants	1	1
Doctors	9	9
Psychiatrists		
Pharmacists	4	4
Dentists	2	2
Optometrists	1	1
Opticians		
Speech Pathologists	3	3
Audiologists		

INVENTORY OF HEALTH CARE FACILITIES AND HEALTH CARE PROVIDERS IN ALASKA  
ELECTION DISTRICT 15

PLACE	Village Built Clinics	State Public Health Centers	Hospitals	Nursing Homes	Laboratories	Diagnostic Facilities	Communicative Disorders Clinics	Community Mental Health Centers	Intermed. Care Facilities for Mentally Retarded	Community Health Aides	Licensed Practical Nurses	Registered Nurses	Physicians Assistants	Doctors	Psychiatrists	Pharmacists	Dentists	Optometrists	Opticians	Speech Pathologists	Audiologists	
ADAK																						
AKHTIUK																						
AKUTANI																						
ATKA																						
CHIGNIK	1																					
LAGGON																						
CHIGNIK LAKE																						
CMIGNIK																						
COLD BAY		1																				
DOTCH HARBOR																						
FALSE PASS																						
IVANOFF BAY																						
KARLUK																						
KING COVE	1																					
LARSEN MAY																						
NELSON LAGOUN	1																					
NIKOLSKI																						
OLD HARBOR	1																					
PEREVILLE	1																					
PORT LIONS	1																					
SAND POINT	1																					
SHEMYA																						
SOUVA HARBOR					1																	
ST. GEORGE ISLAND						1																
ST. PAUL ISLAND																						
UNALASKA	1																					
DISTRICT TOTAL	7	1			1	1		1		17	5	7		6							1	

INVENTORY OF HEALTH CARE FACILITIES AND HEALTH CARE PROVIDERS IN ALASKA  
ELECTION DISTRICT 16

DISTRICT	TOTAL	Village Built Clinics	State Public Health Centers	Hospitals	Nursing Homes	Laboratories	Diagnostic Facilities	Communicative Disorders Clinics	Community Mental Health Centers	Intermed. Care Facilities for Mentally Retarded	Community Health Aides	Licensed Practical Nurses	Registered Nurses	Physicians Assistants	Doctors	Psychiatrists	Pharmacists	Dentists	Optometrists	Opticians	Speech Pathologists	Audiologists	
AL EKNAGIK																							
CLARKS POINT		1									2												
DILLINGHAM			1	1					1		2	3	13		1								2
EGEGIK		1									2												
EKHOK											2												
FOODNEKS											2												
IGIUGIG											2												
ILJANNA											2												
KAKHONAK											2												
KANAKANAK											2												
KING SALADU		1									2	2											
KIPIUK											2												
KOLIGANEK											2												
KONGIGANAK											2												
KWIGILLINGOK											2												
LEVELGOK											2												
MAKOKTAK											2												
MAKREK											2												
NEW STUYAHOK			1								2		1										1
NEWHALLEN											2												
NEWDALTON											2												
PEODG BAY											2												
PILOU PULPI											2												
POPT HEIDEN											2												
QUIRHAGAK											2												
SOUTH NAKNIK											2												
TUGIAK											2												
TWIN HILLS											2												
DISTRICT TOTAL	20	2	1	1					1		35	5	16		3			1				3	

INVENTORY OF HEALTH CARE FACILITIES AND HEALTH CARE PROVIDERS IN ALASKA ELECTION DISTRICT 17

PLACE	Village Built Clinics	State Public Health Centers	Hospitals	Nursing Homes	Laboratories	Diagnostic Facilities	Communicative Disorders Clinics	Community Mental Health Centers	Intermed. Care Facilities for Mentally Retarded	Community Health Aides	Licensed Practical Nurses	Registered Nurses	Physicians Assistants	Doctors	Psychiatrists	Pharmacists	Dentists	Optometrists	Opticians	Speech Pathologists	Audiologists	
AKIACHAK	1									2	1			1								
ANIKAK										2												
ATMAUTLAK	1					1				1												
RETNEI		1								1	5	28		12								
CHEEGRNAK			1					1		1	1											
FEEK										1												
KALSKAG										1												
KASIGLUK										2												
KUSKUKMIA										1												
KATHLUK										2												
LOHEP KALSKAG										2												
MEKORYUK										2	1											
MAPAKIAK										1												
MAPASKIAK										1												
NEWTOK										1												
NIGHTMUTE										1												
LAURAPITCIKUK										2												
OSCAH VILLE										1												
PLATIUM										2												
TANUPAK										1												
TOKSOOK RAY										2												
TULUKSAK										1												
TUNUTULIAK										1												
DISTRICT TOTAL	10	1	1			1		1		31	8	28		13			5					1

INVENTORY OF HEALTH CARE FACILITIES AND HEALTH CARE PROVIDERS IN ALASKA  
ELECTION DISTRICT 10

PLACE	Village Built Clinics	State Public Health Centers	Hospitals	Nursing Homes	Laboratories	Diagnostic Facilities	Communicative Disorders Clinics	Community Mental Health Centers	Intermed. Care Facilities for Mentally Retarded	Community Health Aides	Licensed Practical Nurses	Registered Nurses	Physicians Assistants	Doctors	Psychiatrists	Pharmacists	Dentists	Optometrists	Opticians	Speech Pathologists	Audiologists
ALAKANUK	1									2		1									
ANVIK	1									2											
CHEVAK	1									1											
CROOKED CREEK	1									1											
EAMONIAK	1									1											
GALENA	1									1											
GRAYLING	1									1											
HOLY CROSS	1					1				1											
HOOPER RAY										1											
MUGHLS	1									1											
MUSLIA	1									1											
KALTAG	1									1											
KOYUKUK	1									1											
LINE VILLAGE	1									1											
MARSHALL	1	1								1	1										
MCGRATH	1									1											
MOUNTAIN VILLAGE	1									1											
NIKOLAI	1					1				1											
NULATU	1									1											
PILOT STATION	1									1											
PITKAS POINT	1									1											
PED. DEVIL	1									1											
RURY	1									1											
BUSSIAN MISSION	1									1		2									
SCAMMON BAY	1									1											
SHAGELUK	1									1											
SHELDON POINT	1									1											
SLEETMUTE	1									1											
ST. MARY'S										1											
STONEY RIVER										1											
TAKOTHA										1											
DISTRICT TOTAL	26	1				2		1		47	1	11									

INVENTORY OF HEALTH CARE FACILITIES AND HEALTH CARE PROVIDERS IN ALASKA  
ELECTION DISTRICT 19

PLACE	Village Built Clinics	State Public Health Centers	Hospitals	Nursing Homes	Laboratories	Diagnostic Facilities	Communicative Disorders Clinics	Community Mental Health Centers	Intermed. Care Facilities for Mentally Retarded	Community Health Aides	Licensed Practical Nurses	Registered Nurses	Physicians Assistants	Doctors	Psychiatrists	Pharmacists	Dentists	Optometrists	Opticians	Speech Pathologists	Audiologists	
ALLAKAKEET																						
ANDEPSUN																						
ARCTIC VILLAGE	1									1												3
BEAVER																						
RETILES																						
RIRCH SPEEK	1									1					1							
CANTWELL																						
CHALKYITSIK																						
CHRISTCHINA	1									1												
CIRCI F																						
CLEAR																						
DELTA JUNCTION						1				1	2		1	1								
DOT LAKE	1									1			1									
EAGLE																						
FORT YUKON						1				1			2									
GAKINA																						
HEALY																						
MALHEEY HOT SPRINGS										1	2		2									
MCKALEY																						
MENTASTA										1			3									
MIRIQ																						
NERMANA																						
NORTHWAY	1									1	1	2										
RAMPART																						
STEVENS VILLAGE	1									1	1											
TANACROSS																						
TANANA	1		1							1	1	3	1									
TETLI																						
TOK		1									2		2									
USTELLE										1												
VEGETIE																						
DISTRICT TOTAL	1	1	1			1				1	2	2	1	3								

INVENTORY OF HEALTH CARE FACILITIES AND HEALTH CARE PROVIDERS IN ALASKA  
ELECTION DISTRICT 20

PLACE	GENERAL ESTER FAIRBANKS FORT GREELY FORT WAINWRIGHT NORTH POLE	DISTRICT TOTAL
Village Built Clinics		---
State Public Health Centers	1	-1
Hospitals	1	-2
Nursing Homes	1	-1
Laboratories	5	-6
Diagnostic Facilities	2	-2
Communicative Disorders Clinics	3	-3
Community Mental Health Centers	2	-2
Intermed. Care Facilities for Mentally Retarded		---
Community Health Aides		---
Licensed Practical Nurses	64	-63
Registered Nurses	22	-325
Physicians Assistants	28	-30
Doctors	106	109
Psychiatrists	3	-3
Pharmacists	22	-22
Dentists	26	-38
Optometrists	5	-6
Opticians	4	-4
Speech Pathologists	17	-17
Audiologists	2	-2

INVENTORY OF HEALTH CARE FACILITIES AND HEALTH CARE PROVIDERS IN ALASKA  
ELECTION DISTRICT 21

PLACE	Village Built Clinics	State Public Health Centers	Hospitals	Nursing Homes	Laboratories	Diagnostic Facilities	Communicative Disorders Clinics	Community Mental Health Centers	Intermed. Care Facilities for Mentally Retarded	Community Health Aides	Licensed Practical Nurses	Registered Nurses	Physicians Assistants	Doctors	Psychiatrists	Pharmacists	Dentists	Optometrists	Opticians	Speech Pathologists	Audiologists	
APRLEP	1									1												
ATKASUK		1						1		1		7		2							2	1
BARROW										1												
BARTELETT ISLAND										1												
KAKTOVIK										2												
KIARA										1												
KIVALINA										1												
KODUK										1												
KOTZENUE		1								1												
MCATIAK			1							1												
NECHRYIK						1				2												
NUIOSAT										2												
POINT HOPE										1												
POINT LAY										1												
SHUNGNAK										1												
WAINWRIGHT										2												
DISTRICT TOTAL	10	2	2			1		2		18	3	15		5			2				2	1

INVENTORY OF HEALTH CARE FACILITIES AND HEALTH CARE PROVIDERS IN ALASKA  
ELECTION DISTRICT 22

DISTRICT TOTAL	15	2	1	1	1	3	1	26	4	29	1	5	1	3					
BRUEVIG MISSION	1							1											
BUCKLAND	1							1											
CUNCIU	1							1											
DEERING	1							1											
ELIM	1							1											
GAMBELL	1							1											
GULFVAIN	1							1											
KUTLIK	1							1											
KOYUK	1							1											
LITTLE DIOMEDE	1							1											
NUMA	1							1											
SAVDONGA	1							1											
SELAWIK	1							2											
SHAKTUOLIK	1							2											
SISHMARF	1							2											
ST. LAWRENCE ISLAND	1							1											
ST. MICHAEL	1							1											
STERRINS	1							2											
TILLER	1							1											
UNALAKLET	1							2											
WALKES	1							1											
DISTRICT TOTAL	15	2	1	1	1	3	1	26	4	29	1	5	1	3					

PLAGE  
Village Built Clinics  
State Public Health Centers  
Hospitals  
Nursing Homes  
Laboratories  
Diagnostic Facilities  
Communicative Disorders Clinics  
Community Mental Health Centers  
Intermed. Care Facilities for Mentally Retarded  
Community Health Aides  
Licensed Practical Nurses  
Registered Nurses  
Physicians Assistants  
Doctors  
Psychiatrists  
Pharmacists  
Dentists  
Optometrists  
Opticians  
Speech Pathologists  
Audiologists