

CANCER SURVEY FIGURES ARE RELEASED

Pennsylvania Smokers' Death Rate Is 63% Higher Than Non Smokers

Pennsylvania Division of the American Cancer Society released this week final figures on the portion of the National Society's four year smoking study which was carried out in forty-two Pennsylvania counties.

The figures reveal that the portion of the smoking study carried out in Pennsylvania covered a total of 104,274 man years. ("Man years" means the number of men multiplied by the number of years each man was traced.)

1,986 of the Pennsylvania men died between January 1952 and October 1955.

1,230 of the Pennsylvania deaths occurred among men with a history of regular cigarette smoking. Only 756 of these cigarette smokers would have died between January 1952 and October 1955 if their age specific death rates had been the same as those for Pennsylvania men who never smoked regularly. In other words, the death rate of the Pennsylvania cigarette smokers was 63% higher than the death rate of the Pennsylvania men who never smoked regularly, are being taken into consideration. For the study as a whole (including nine states covered in the study) the comparable figure was 54%.

321 of the Pennsylvania deaths occurred among men who said that they were smoking a pack or more of cigarettes a day in 1952. Only 189 of these pack-or-more-a-day cigarette smokers would have died between January 1952 and October 1955 if their age specific death rates had been the same as those for Pennsylvania men who never smoked regularly. In other words, the death rate of the Pennsylvania pack-or-more-a-day cigarette smokers was 70% higher than the death rate of the Pennsylvania men who never smoked regularly, age being taken into consideration. For the study as a whole (including nine states) the comparable figure was

88%.
70 of the Pennsylvania men died of lung cancer. One had never smoked. 52 of these deaths attributed to lung cancer were microscopically proved and none had never smoked.

The Society's study was begun in November, 1951 when some 20,000 volunteer workers enlisted for the project in 394 counties of New York, New Jersey, Pennsylvania, Michigan, Illinois, Wisconsin, Minnesota, Iowa and California. A total of 188,000 men were included in the study. This report is based on the deaths of 11,870 of these men.

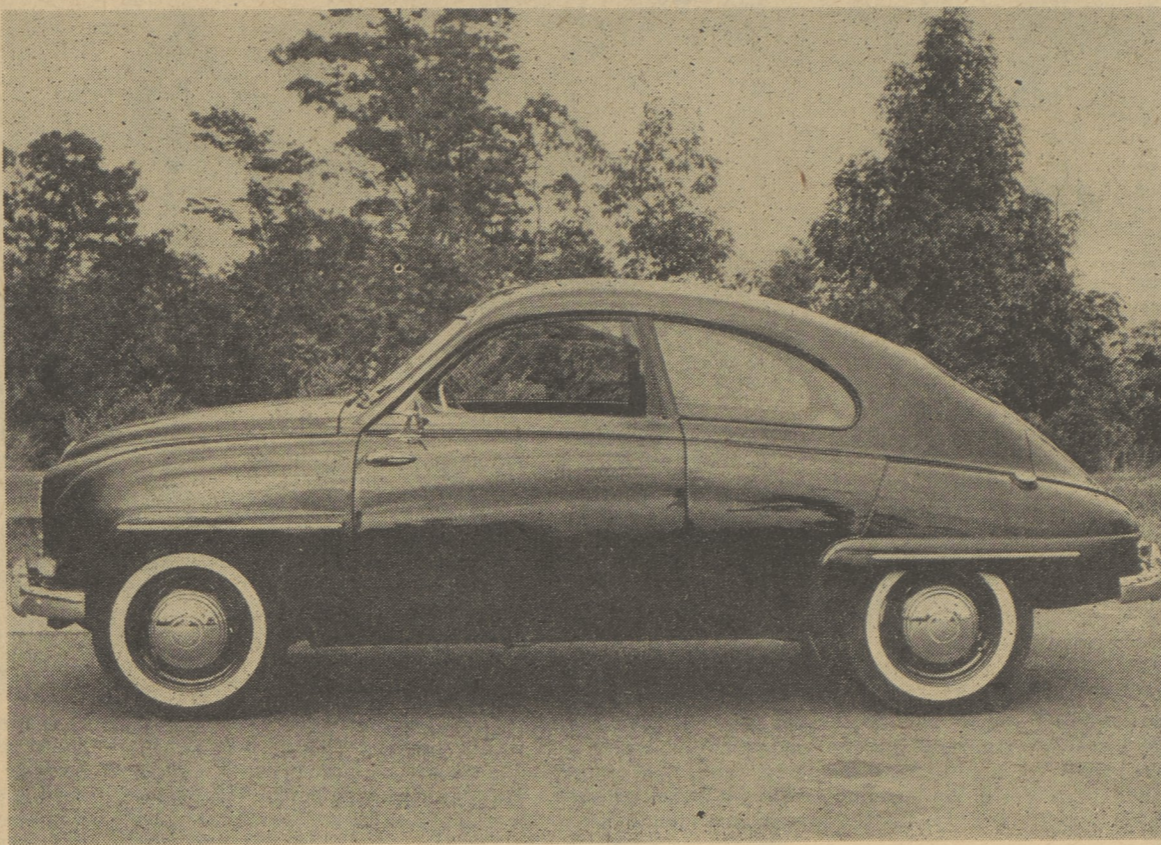
The smoking study project was undertaken to determine whether or not there is any relationship between smoking and the increase in lung cancer. The national study showed that lung cancer death rates were ten times higher among regular cigarette smokers than among men who never had smoked, and accounted for 13.5 per cent of all excess deaths among men with a history of regular cigarette smoking.

County Units of the Pennsylvania division recruited 3,728 volunteers who agreed to interview ten apparently healthy men between the ages of 50 and 70, and have those men answer questionnaires describing their smoking habits.

In November of each year a follow-up was conducted by the same volunteers to determine whether the men originally interviewed were alive or dead and, if dead, to ascertain the cause of death. Then photostats or abstracts of death certificates were obtained from health departments and, where cancer was given as the cause of death, detailed accounts from doctors, hospitals, tumor clinics, and cancer registries were obtained.

Pennsylvania interviewed the second highest number of men in the study, and had a very low percentage, (.03%) of men not traced after four years.

New Swedish Car At Kunkle Motors



The sensational SAAB-93, the remarkable Swedish economy car with aircraft quality that has swept hill climb events throughout the Eastern United States, will shortly be on display at Kunkle Motors, Kunkle. Introduced to the U. S. market early this year sales so far are limited to the Eastern States in order to insure good servicing and facilities. Daniel Meeker is among a select sixty dealers who

have been chosen to show the car. The car's name is derived from Svenska Aeroplan AB which is the name of the Swedish aircraft company that manufactures it and the famous SAAB supersonic double delta wing fighter airplane. Mr. Meeker received six of the new automobiles this week from the company's main depot at Hingham, near Boston.

Mrs. Harriet Rauch Is Guest On 76th Birthday

Mr. and Mrs. Peter Delaney entertained on Sunday evening for the latter's mother, Mrs. Harriet Rauch, who celebrated her seventy-sixth birthday anniversary. Present at supper were Mrs. Walter Kitchen, Mrs. Herman Garinger, Mrs. Mildred Delaney, Mr. and Mrs. Walter Rauch, Mr. and Mrs. Thomas Garrity, Mr. and Mrs. Joseph Rauch, Bradley, Kendall and Brenda, Linda and Rosemary Delaney, Christine and Michael Garrity, the hosts and guests of honor.

Mrs. Roy Warden Breaks Same Leg As In Hurricane

Mrs. Roy Warden, Mt. Airy Road, Shavertown, fell and fractured her ankle Monday morning while going down the walk to the mailbox. Dr. Michael Bucan ordered X-Rays at Nesbitt Memorial Hospital, and applied a cast from toes to above the knee. Mrs. Warden broke the same leg at the knee, during Hurricane Hazel three years ago, when she essayed to pick up some fallen branches and tripped.

man stepped from a raft into what he believed to be shallow water, divers were hampered by algae, which made underwater seeing almost impossible. In both cases, they brought up the bodies.

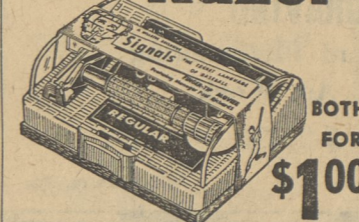
Men in the Underwater Divers Association are all mature, ranging in age between 25 and 36. For members of the club, the charge is \$5 per year for maintenance of the club room, and charter members get a tank of compressed air for \$1. To associate members, the charge is \$2 per tank. All members furnish their own equipment.

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Harveys Lake Underwater Divers Find Strange New World Under Lake

Harveys Lake Underwater Divers, with nine charter members and twenty associate members, one of them a diver's sister, have been in operation at the Harveys Lake Picnic Grounds since 1954, recently completing their fourth summer of skin-diving.

Charter members are Malcolm Lewis, Forty-Fort; William Hohlak, Ray Wall Jr., Joseph Elgaway, Donald and Robert Hanson, Harveys Lake; George Walters, George Dombek, and Gerald McGroarty, of Wilkes-Barre. The sole lady associate member is Martha Wallace, of Forty Fort.

Skin-divers find a new world when equipped with a tank of compressed air, a mask, and weights sufficient to establish neutral buoyancy under water. With the body weighing nothing at all, flipper fins propel it easily in any direction.

Sometimes it is dark in the depths of Harveys Lake, sometimes light, depending on reflection from the bottom. But it is always cold, once the surface has been left behind.

Mr. Lewis, in explaining operations, said that the definite division between warm water and cold varies between ten and forty feet. Called the thermocline, it can be seen as a milky cloud only at eye level. Below the thermocline there is little oxygen, and while trout plunge deep, most lake fish swim above it.

Fish, he said, have their peculiarities, varying from the extreme wariness of the trout to the lazy habits of the wall-eyed pike, which pays no attention to a diver. Bass are curious, swimming directly up to the mask and peering in. Fish-spearing is illegal in Pennsylvania, though permitted in many states, especially those along the coast line.

The divers started off their explorations three years ago in dry suits, wearing three suits of heavy underwear beneath to combat the chill of the depths, but they have now switched to wet suits. Wet suits are of neoprene, sponge-like in texture. Their millions of tiny cells admit water, but also provide insulation. The water next to the skin warms up with body heat and remains warm. A wet suit does not require exhaustion of the air pre-

SKIN-DIVER ADVISES LIFE JACKETS FOR FOLKS IN BOATS

Malcolm Lewis, who was interviewed on the subject of Harveys Lake Underwater Divers for this week's issue, says that divers are always glad to cooperate by searching for bodies, but he thinks an ounce of prevention is worth pounds of cure.

Why let a small child who cannot swim, get into a rented rowboat without the protection of a life-belt, he wants to know?

In his opinion, anybody who cannot swim is asking for trouble if he does not have a lifebelt strapped in position or easily accessible.

Everybody should learn to swim from early childhood, he thinks. YMCA programs think likewise.

It is up to the parents to see that children have instruction and that if they cannot swim, they are at least protected.

paratory to diving, as a dry suit does.

Must Come Up Slowly
A self contained unit is carried strapped to the back. Compressed air is taken in through a tube held in the mouth, and used air expelled, leaving a trail of bubbles. A unit holds 2,200 pounds or 70 cubic feet of air. Under slow swimming conditions, when intake of air is at a minimum, the tank will last for sixty or even seventy minutes. And by manipulating a rod, 300 more pounds of air can be obtained

through the reserve tube. Below 33 feet of depth, the first atmosphere, consumption increases, until at 100 feet, only 25 minutes can be expected, and at this depth, time must be allowed to get back to the surface slowly, in order to get rid of the excess nitrogen in the blood.

Mr. Lewis had to come up fast once, because his tank was exhausted, and at this depth, time must be allowed to get back to the surface slowly, in order to get rid of the excess nitrogen in the blood.

That was the first year, when skin-divers were not so knowledgeable. A group had gone down to see about lifting Jack Zorzi's motor boat, a total loss for 27 years in 85 feet of water. Diving with George Dombek and Gerald McGroarty, Mr. Lewis got tangled in a nylon float line marking the place where the wreckage was located, and before he got himself torn loose, he was out of air. He shot to the surface, jet-tisoning his weights, but he does not recommend this procedure.

Sometimes the divers tour the bottom of the lake on a sled, hauled behind a motorboat.

Vegetation does not extend beyond the thermocline. Beyond that, it's mud and not at all handsome. Divers steer clear of the tall waving grasses that might entangle them, and they always hunt in couples. It is not smart to dive alone, any more than it is to swim alone.

Skin-divers have been called upon twice this summer to bring up bodies from the depths. At Lake Silkworth, when a four year old Philadelphia child was lost, they dived for a time, then had to return to Harveys Lake for warmer clothing to combat the chill at the very deep point where the child was drowned.

At Barre pond in Jackson Township in August, when a Wilkes-Barre

Alderson Women Plan Dinner For October 16

Members of the Alderson W.S.C.S. met at the church Thursday evening when plans were made for a turkey supper to be served on October 16. Slides of the United Nation were shown. Present were Mesdames Howard Higgins, Joseph Rauch, Harry Beck, Robert Avery, Amos Hunsinger, Giles Comstock, Clarence Montross, Gilbert Carpenter, Alan Kistler, Herman Garinger, Harry Allen, Albert Armitage, Garwin Smith; Miss Lina Garinger.

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