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INSTITUTE FOR FISHERIES RESEARCH  
DIVISION OF FISHERIES  
MICHIGAN DEPARTMENT OF CONSERVATION  
COOPERATING WITH THE  
UNIVERSITY OF MICHIGAN

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SUMMARY OF MOTOR VEHICLE OPERATIONS  
FOR THE CALENDAR YEAR 1954

By

Robert C. Barber

This is the fourteenth annual report on vehicles operated by the Institute for Fisheries Research. The author has followed the same general pattern as was used in previous reports to facilitate a comparison with other annual vehicle reports. All tables are self-explanatory. Only the summary tables 1 and 2 have been typed and are included in copies of this report which are distributed. The detailed tables of individual unit operational costs are on file in Ann Arbor with the Institute's copy of this report.

In the calendar year of 1954 the Institute replaced eight vehicles with new ones: a 1951 Plymouth Suburban for a 1954 Ford Ranch Wagon, a 1950 Chevrolet Carryall for a 1954 Chevrolet Carryall, a 1949 Chevrolet Sedan Delivery for a 1954 Ford Ranch Wagon, a 1948 Chevrolet Carryall for a 1954 Chevrolet Carryall, a 1946 Ford Pick-up for a 1954 Chevrolet 3/4-ton Dump Truck, a 1948 Chevrolet Sedan Delivery for a 1954 Chevrolet Coupe, a 1948 Chevrolet Sedan Delivery for a 1954 Chevrolet Coupe and a 1948 Chevrolet Carryall for a 1954 Chevrolet Carryall.

*Barber*

The Institute personnel drove 38,000 less miles in 1954 than in 1953. The cost per mile remained the same as in 1953 (.036 cent) and the miles per gallon of gasoline decreased from 14.4 to 14.1.

INSTITUTE FOR FISHERIES RESEARCH

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Table 1

Vehicles used by Institute for Fisheries Research during 1954

License number	Total mileage to date	Total cost of operation to date	Year	Make	Body style
12-572*	68,864	2,915.03	1951	Plymouth	Suburban Carryall ✓
12-572	6,231	201.32	1954	Ford	Ranch Wagon ✓
12-590	19,934	742.91	1952	Chevrolet	1/2-ton Panel
12-597	23,936	630.37	1952	Chevrolet	Sedan Delivery
12-607	39,948	1,255.64	1952	Chevrolet	Suburban Carryall
12-616	34,036	877.17	1953	Ford	4-Door Sedan ✓
12-617*	65,870	2,630.61	1950	Chevrolet	Suburban Carryall ✓
12-617	8,634	261.17	1954	Chevrolet	Suburban Carryall
12-618	43,546	1,604.53	1951	Chevrolet	Suburban Carryall
12-619	41,328	1,494.35	1951	Chevrolet	Suburban Carryall
12-621*	43,711	1,405.06	1949	Chevrolet	Sedan Delivery
12-621	3,730	81.53	1954	Ford	Ranch Wagon ✓
12-629*	60,075	2,127.03	1948	Chevrolet	Suburban Carryall
12-629	5,367	147.58	1954	Chevrolet	Suburban Carryall
12-630	25,184	786.58	1953	Ford	Ranch Wagon
12-632	46,934	2,075.34	1951	Chevrolet	Sedan Delivery
12-633	46,327	1,557.23	1951	Chrvrolet	Sedan Delivery
12-634	47,480	1,906.64	1951	Chevrolet	Sedan Delivery
12-635	41,613	1,044.41	1952	Chevrolet	Sedan Delivery
12-636*	33,580	1,664.48	1946	Ford	1-ton Pick-up
12-636	1,468	46.40	1954	Chevrolet	3/4-ton Dump Truck
12-637	62,830	1,689.19	1951	Chevrolet	Coupe ✓
12-652	12,801	727.81	1951	Willys	4WD Jeep
12-655*	77,056	2,161.93	1948	Chevrolet	Sedan Delivery
12-655	17,439	389.28	1954	Chevrolet	Coupe
12-656*	90,034	2,632.65	1948	Chevrolet	Sedan Delivery
12-656	14,489	300.14	1954	Chevrolet	Coupe
12-661	32,583	935.45	1952	Chevrolet	Sedan Delivery
12-662*	76,124	2,373.97	1948	Chevrolet	Suburban Carryall
12-662	9,238	259.94	1954	Chevrolet	Suburban Carryall
12-675	44,896	2,687.62	1949	Ford	F-6 Stake Truck

\*Vehicles turned over to Salvage Department after receiving replacements.

Table 2

## Summary of individual motor vehicle operations for 1954

License number	Gasoline gallons	Cost of gasoline	Oil quarts	Cost of oil	Cost of tires	Cost of repairs misc.exp.	Mileage during 1954	Cost of operation 1954	Miles per gallon of gasoline	Cost per mile
12-572*	653.8	196.54	22	8.98	2.50	69.71	7,131	277.73	10.9	.039
12-572**	423.7	129.78	14	7.20	2.50	61.74	6,231	201.22	14.7	.032
12-590	765.3	173.33	27	11.65	6.85	202.91	7,998	394.74	10.5	.049
12-597	455.7	138.21	19	8.50	16.13	36.28	6,641	199.12	14.6	.030
12-607	1,036.2	317.87	44	19.27	22.45	153.35	15,288	512.94	14.8	.034
12-616	1,052.9	319.04	39	18.83	1.25	107.50	16,817	446.62	16.0	.027
12-617*	626.9	134.16	16	6.20	4.25	56.17	5,429	200.78	8.7	.037
12-617**	572.2	174.53	26	11.30	6.83	68.50	8,634	261.16	15.1	.030
12-618	1,098.1	336.82	49	20.71	13.00	102.42	13,741	472.95	12.5	.034
12-619	821.7	254.55	63	27.45	70.30	76.01	11,485	428.31	14.0	.037
12-621*	315.6	96.07	23	9.90	3.10	27.35	4,011	136.42	12.7	.034
12-621**	216.4	69.78	11	4.55	3.00	4.20	3,730	81.53	17.2	.022
12-629*	208.3	63.25	23	9.43	1.75	13.65	3,052	88.08	14.7	.029
12-629**	388.4	121.38	13	5.85	...	20.35	5,367	147.58	13.8	.027
12-630	1,069.8	329.32	31	12.38	7.25	100.39	15,139	449.34	14.2	.030
12-632	996.5	302.00	54	23.51	23.97	77.65	14,527	427.13	14.6	.029
12-633	1,029.3	316.34	70	25.00	48.02	173.42	14,624	562.78	14.2	.038
12-634	973.1	295.66	78	33.59	86.26	398.45	14,073	813.96	14.5	.058
12-635	1,130.4	342.88	42	18.51	13.10	65.62	18,305	440.11	16.2	.024
12-636*	346.9	106.24	12	5.40	...	20.87	3,564	132.51	10.3	.037
12-636**	132.0	39.90	5	2.25	3.00	1.25	1,468	46.40	11.1	.032
12-637	789.5	233.06	52	21.35	7.52	240.33	12,795	502.26	16.2	.039
12-652	358.8	108.16	29	11.85	...	62.64	3,431	182.65	9.6	.053
12-655*	168.7	50.92	13	5.30	6.39	18.46	2,249	81.07	13.3	.036
12-655**	1,025.6	312.66	26	10.07	...	66.55	17,439	389.28	17.0	.022
12-656*	...	...	...	...	...	...	...	...	...	...
12-656**	740.0	227.94	46	24.84	...	46.35	14,489	299.13	19.6	.021
12-661	742.7	225.52	61	25.40	16.50	191.47	12,775	458.89	17.2	.036
12-662*	204.3	63.13	14	5.60	...	5.53	2,324	74.26	11.4	.032
12-662**	618.4	187.19	35	14.15	.25	56.47	9,238	258.06	14.9	.028
12-675	539.8	152.52	24	8.95	183.67	491.99	2,920	837.13	5.4	.287
Totals and averages	19,501.0	5,818.75	981	417.97	553.84	3,017.58	274,915	9,808.14	14.1	.036

\*Old vehicles

\*\*New vehicles

312,158