

SUMMARY FOR IRRIGATION ORGANIZATIONS IN HAWAII: 1959—Con.

Item (For definitions and explanations, see text)	Hawaii
AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959	
Per acre irrigated as reported by organizations.....acre-feet..	9.4
NEW CAPITAL INVESTMENT, 1950-1959	
Expenditures for additional new works and equipment for irrigation and drainage Jan. 1, 1950-Dec. 31, 1959.....organizations..	8
.....dollars..	5,614,476
ACRES IRRIGATED	
Total acres irrigated.....farms reporting..	1,251
.....acres..	141,179
Acres irrigated by sprinklers.....farms reporting..	546
.....acres..	16,065
Sprinklers only.....farms reporting..	475
.....acres..	13,169
LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959	
Ground water sources on farm.....farms reporting..	219
.....acres..	26,086
Ground water sources on farm only.....farms reporting..	166
.....acres..	9,449
Surface sources on farm.....farms reporting..	334
.....acres..	28,144
Surface sources on farm only.....farms reporting..	289
.....acres..	13,121
Irrigation organization sources.....farms reporting..	781
.....acres..	86,949
Irrigation organizations sources only.....farms reporting..	713
.....acres..	81,788
Both farm ground water sources and surface sources.....farms reporting..	15
.....acres..	14,909
Both irrigation organization and farm ground water or farm surface sources.....farms reporting..	68
.....acres..	21,912

No data are available by drainage basins for Hawaii. Some irrigation works of considerable size are operated by sugarcane plantations to provide water for a single farm. Data for those irrigation operations for a single farm are not included in the data for irrigation organizations for Hawaii.

Irrigated land in sugarcane, vegetables, and pineapples accounts for more than four-fifths of the total acres irrigated in Hawaii. Detailed data regarding irrigated farms and the acreage and production of crops on irrigated land may be found in county tables 1a and 11a of part 50 of volume I of the reports for the 1959 Census of Agriculture.

SUMMARY

This summary presents both current and historical data pertaining to irrigated farms and irrigated land in farms obtained in the 1959 and earlier censuses of agriculture; and data pertaining to irrigation organizations from the 1959 and earlier censuses of irrigation; and data pertaining to irrigation water obtained in the 1959 and earlier censuses, both agriculture and irrigation.

Irrigated land in farms.—The acreage irrigated in 1959 for the 48 conterminous (Alaska and Hawaii are excluded) States was 33,021,799 acres according to the 1959 Census of Agriculture. This was 11.7 percent greater than the 29,552,155 acres reported in 1954 and 28 percent greater than the 25,787,455 acres reported in 1950 for the calendar year 1949. For the 17 conterminous Western States and Louisiana, the 1959 irrigated area amounted to 31,222,967 acres, or 94.6 percent of the irrigated acreage for the 48 conterminous States. The increase in irrigated acreage for the 18 States was 12.8 percent from 1954 to 1959 and 25.7 percent from 1949 to 1959.

