

Table 5.50-- HAWAII AUDUBON SOCIETY BIRD COUNTS IN THE HONOLULU AREA, BY TYPE OF SPECIES: 1999 TO 2002

[Counts are made in late December of various locations between Hawaii Kai and Aiea, and between Waimanalo and Kaneohe. Annual changes reflect differences in numbers of bird counters and counting time in the field, as well as changes in bird populations. Totals by species are also affected by the types of habitats studied]

Type of species	Number of species				Number of individuals			
	1999	2000	2001	2002	1999	2000	2001	2002
All species	49	46	52	53	17,343	14,840	16,990	20,458
Endemic	6	7	8	7	259	217	367	279
Indigenous	8	7	6	8	1,108	943	1,232	1,453
Alien	30	27	27	30	14,754	12,351	13,733	16,678
Visitor	5	5	11	8	1,222	1,329	1,658	2,048

Source: Hawaii Audubon Society, 'Elepaio (monthly), and records.