

**Table 5.58-- HAWAII AUDUBON SOCIETY BIRD COUNTS IN THE HONOLULU AREA, BY TYPE OF SPECIES: 2004 TO 2016**

[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]

Year	Type of species				
	All species	Endemic	Indigenous	Alien	Visitor
2004	56	4	9	31	12
2005	52	5	8	28	11
2006	55	5	13	27	10
2007	47	5	7	26	9
2008	40	3	5	22	10
2009	51	5	11	28	7
2010	46	4	8	27	7
2011	60	5	9	33	13
2012	54	5	7	28	14
2013	50	5	9	27	9
2014	56	5	12	28	11
2015	51	5	8	27	11
2016	48	4	9	28	7

  

Year	Number of individuals				
	All species	Endemic	Indigenous	Alien	Visitor
2004	11,306	160	1,294	8,243	1,609
2005	7,007	106	1,143	4,673	1,085
2006	7,386	152	620	5,671	943
2007	5,021	149	695	3,445	732
2008	4,110	193	553	2,587	777
2009	6,963	149	656	5,102	1,056
2010	5,475	304	808	3,574	789
2011	11,807	512	1,242	8,985	1,068
2012	9,600	403	837	7,458	902
2013	7,847	353	1,138	5,113	1,243
2014	8,528	271	1,733	5,977	547
2015	7,314	302	1,860	4,640	512
2016	10,406	240	2,381	7,260	525

Source: Audubon's Christmas Bird Count <<http://netapp.audubon.org/CBCObservation/>> accessed July 4, 2017; Robert L. Pyle, *Checklist of the Birds of Hawaii* <<http://www.hawaii.audubon.com/checklist/checklist2002.pdf>> accessed on June 22, 2010; and calculations by the Department of Business, Economic Development & Tourism.