## Table 5.57-- HAWAII AUDUBON SOCIETY BIRD COUNTS OF SELECTED SPECIES IN THE HONOLULU AREA: 2017 TO 2021

[Counts are made in late December at 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]

Endemic species 1/ Apapane	Species	2017	2018	2019	2020	2021
Apapane         4         4         18         13         25           Hawaiian Duck x Mallard         279         170         165         133         484           Hawaiian Coot 2/         83         255         449         128         182           Hawaiian Moorhen 2/         77         26         49         25         79           Hawaiian Stilt 2/         117         119         131         20         200           Oahu Amakihi         7         6         64         43         44           Oahu Elepaio         1         2         -         6         2           Indigenous species 3/         Black-crowned Night Heron         51         36         41         27         73           Brown Booby         8         -         6         2         1         1         20         1         27         73         1         1         27         73         1         1         2         -         6         2         1         1         2         -         6         2         1         1         2         -         6         2         1         1         2         -         6         2         <	Endemic species 1/					
Hawaiian Duck x Mallard	•	4	4	18	13	25
Hawaiian Coot 2/	• •	279	170			
Hawaiian Moorhen 2/						_
Hawaiian Stilt 2/						
Oahu Amakihi         7         6         64         43         44           Oahu Elepaio         1         2         -         6         2           Indigenous species 3/ Black-crowned Night Heron Brown Booby         8         -         6         2         1           Great Frigatebird Red-footed Booby 4/ White Tern         78         57         105         -         14           Red-footed Booby 4/ White Tern         1,775         850         866         -         2,116           White Tern         55         48         31         79         20           Alien species 5/ Cattle Egret         193         206         382         227         393           Common Myna         1,294         969         1,381         1,196         1,194           Common Waxbill         860         1,259         832         918         1,043           House Sparrow         373         126         236         249         91           Japanese White-eye         104         93         343         289         250           Java Sparrow         262         514         484         504         208           Northern Cardinal         28         12         8						
Dahu Elepaio						
Black-crowned Night Heron         51         36         41         27         73           Brown Booby         8         -         6         2         1           Great Frigatebird         78         57         105         -         14           Red-footed Booby 4/         1,775         850         866         -         2,116           White Tern         55         48         31         79         20           Alien species 5/         Cattle Egret         193         206         382         227         393           Common Myna         1,294         969         1,381         1,196         1,194           Common Waxbill         860         1,259         832         918         1,043           House Finch         89         38         204         193         57           House Sparrow         373         126         236         249         91           Japanese White-eye         104         93         343         289         250           Java Sparrow         262         514         484         504         208           Northern Cardinal         28         12         81         69         3		1		-		
Black-crowned Night Heron         51         36         41         27         73           Brown Booby         8         -         6         2         1           Great Frigatebird         78         57         105         -         14           Red-footed Booby 4/         1,775         850         866         -         2,116           White Tern         55         48         31         79         20           Alien species 5/         Cattle Egret         193         206         382         227         393           Common Myna         1,294         969         1,381         1,196         1,194           Common Waxbill         860         1,259         832         918         1,043           House Finch         89         38         204         193         57           House Sparrow         373         126         236         249         91           Japanese White-eye         104         93         343         289         250           Java Sparrow         262         514         484         504         208           Northern Cardinal         28         12         81         69         3	Indigenous species 3/					
Brown Booby         8         -         6         2         1           Great Frigatebird         78         57         105         -         14           Red-footed Booby 4/         1,775         850         866         -         2,116           White Tern         55         48         31         79         20           Alien species 5/           Cattle Egret         193         206         382         227         393           Common Myna         1,294         969         1,381         1,196         1,194           Common Waxbill         860         1,259         832         918         1,043           House Finch         89         38         204         193         57           House Sparrow         373         126         236         249         91           Japanese White-eye         104         93         343         289         250           Java Sparrow         262         514         484         504         208           Northern Cardinal         28         12         81         69         31           Nutmeg Mannikin         27         114         27         6/17		51	36	41	27	73
Great Frigatebird         78         57         105         -         14           Red-footed Booby 4/         1,775         850         866         -         2,116           White Tern         55         48         31         79         20           Alien species 5/         Cattle Egret         193         206         382         227         393           Common Myna         1,294         969         1,381         1,196         1,194           Common Waxbill         860         1,259         832         918         1,043           House Finch         89         38         204         193         57           House Sparrow         373         126         236         249         91           Japanese White-eye         104         93         343         289         250           Java Sparrow         262         514         484         504         208           Northern Cardinal         28         12         81         69         31           Nutmeg Mannikin         27         114         27         6/17         63           Red-billed Leiothrix         50         83         163         138		8	-	6	2	1
Red-footed Booby 4/ White Tern         1,775 55         850 48         866 31         - 79         2,116 20           Alien species 5/ Cattle Egret         193 1,294         206 969         382 1,381         227 1,196         393 1,194           Common Myna         1,294         969         1,381         1,196         1,194           Common Waxbill         860         1,259         832         918         1,043           House Finch         89         38         204         193         57           House Sparrow         373         126         236         249         91           Jayan Sparrow         262         514         484         504         208           Northern Cardinal         28         12         81         69         31           Nutmeg Mannikin         27         114         27         6/ 17         63           Red-billed Leiothrix         50         83         163         138         145           Red-vented Bulbul         278         214         350         550         495           Red-whiskered Bulbul         24         13         115         106         90           Rock Dove/Pigeon         605         215	•	78	57	105	-	14
Alien species 5/ Cattle Egret 193 206 382 227 393 Common Myna 1,294 969 1,381 1,196 1,194 Common Waxbill 860 1,259 832 918 1,043 House Finch 89 38 204 193 57 House Sparrow 373 126 236 249 91 Japanese White-eye 104 93 343 289 250 Java Sparrow 262 514 484 504 208 Northern Cardinal 28 12 81 69 31 Nutmeg Mannikin 27 114 27 6/17 63 Red-billed Leiothrix 50 83 163 138 145 Red-crested Cardinal 250 198 373 368 288 Red-vented Bulbul 278 214 350 550 495 Red-whiskered Bulbul 24 13 115 106 90 Rock Dove/Pigeon 605 215 370 289 480 Saffron Finch 11 7 31 91 12 Spotted Dove 242 164 315 570 415 White-rumped Shama 55 31 76 96 67 Yellow-fronted Canary 97 142 121 146 41		1,775	850	866	-	2,116
Cattle Egret         193         206         382         227         393           Common Myna         1,294         969         1,381         1,196         1,194           Common Waxbill         860         1,259         832         918         1,043           House Finch         89         38         204         193         57           House Sparrow         373         126         236         249         91           Japanese White-eye         104         93         343         289         250           Java Sparrow         262         514         484         504         208           Northern Cardinal         28         12         81         69         31           Nutmeg Mannikin         27         114         27         6/ 17         63           Red-billed Leiothrix         50         83         163         138         145           Red-crested Cardinal         250         198         373         368         288           Red-whiskered Bulbul         278         214         350         550         495           Red-whiskered Bulbul         24         13         115         106         90	•	55	48	31	79	20
Cattle Egret         193         206         382         227         393           Common Myna         1,294         969         1,381         1,196         1,194           Common Waxbill         860         1,259         832         918         1,043           House Finch         89         38         204         193         57           House Sparrow         373         126         236         249         91           Japanese White-eye         104         93         343         289         250           Java Sparrow         262         514         484         504         208           Northern Cardinal         28         12         81         69         31           Nutmeg Mannikin         27         114         27         6/ 17         63           Red-billed Leiothrix         50         83         163         138         145           Red-crested Cardinal         250         198         373         368         288           Red-whiskered Bulbul         278         214         350         550         495           Red-whiskered Bulbul         24         13         115         106         90	Alien species 5/					
Common Myna         1,294         969         1,381         1,196         1,194           Common Waxbill         860         1,259         832         918         1,043           House Finch         89         38         204         193         57           House Sparrow         373         126         236         249         91           Japanese White-eye         104         93         343         289         250           Java Sparrow         262         514         484         504         208           Northern Cardinal         28         12         81         69         31           Nutmeg Mannikin         27         114         27         6/17         63           Red-billed Leiothrix         50         83         163         138         145           Red-crested Cardinal         250         198         373         368         288           Red-vented Bulbul         278         214         350         550         495           Red-whiskered Bulbul         24         13         115         106         90           Rock Dove/Pigeon         605         215         370         289         480	•	193	206	382	227	393
House Finch         89         38         204         193         57           House Sparrow         373         126         236         249         91           Japanese White-eye         104         93         343         289         250           Java Sparrow         262         514         484         504         208           Northern Cardinal         28         12         81         69         31           Nutmeg Mannikin         27         114         27         6/ 17         63           Red-billed Leiothrix         50         83         163         138         145           Red-crested Cardinal         250         198         373         368         288           Red-vented Bulbul         278         214         350         550         495           Red-whiskered Bulbul         24         13         115         106         90           Rock Dove/Pigeon         605         215         370         289         480           Saffron Finch         11         7         31         91         12           Spotted Dove         242         164         315         570         415	•	1,294	969	1,381	1,196	1,194
House Sparrow       373       126       236       249       91         Japanese White-eye       104       93       343       289       250         Java Sparrow       262       514       484       504       208         Northern Cardinal       28       12       81       69       31         Nutmeg Mannikin       27       114       27       6/ 17       63         Red-billed Leiothrix       50       83       163       138       145         Red-crested Cardinal       250       198       373       368       288         Red-vented Bulbul       278       214       350       550       495         Red-whiskered Bulbul       24       13       115       106       90         Rock Dove/Pigeon       605       215       370       289       480         Saffron Finch       11       7       31       91       12         Spotted Dove       242       164       315       570       415         White-rumped Shama       55       31       76       96       67         Yellow-fronted Canary       97       142       121       146       41 <td>Common Waxbill</td> <td>860</td> <td>1,259</td> <td>832</td> <td>918</td> <td>1,043</td>	Common Waxbill	860	1,259	832	918	1,043
Japanese White-eye         104         93         343         289         250           Java Sparrow         262         514         484         504         208           Northern Cardinal         28         12         81         69         31           Nutmeg Mannikin         27         114         27         6/ 17         63           Red-billed Leiothrix         50         83         163         138         145           Red-crested Cardinal         250         198         373         368         288           Red-vented Bulbul         278         214         350         550         495           Red-whiskered Bulbul         24         13         115         106         90           Rock Dove/Pigeon         605         215         370         289         480           Saffron Finch         11         7         31         91         12           Spotted Dove         242         164         315         570         415           White-rumped Shama         55         31         76         96         67           Yellow-fronted Canary         97         142         121         146         41 <td>House Finch</td> <td>89</td> <td>38</td> <td>204</td> <td>193</td> <td>57</td>	House Finch	89	38	204	193	57
Java Sparrow         262         514         484         504         208           Northern Cardinal         28         12         81         69         31           Nutmeg Mannikin         27         114         27         6/17         63           Red-billed Leiothrix         50         83         163         138         145           Red-crested Cardinal         250         198         373         368         288           Red-vented Bulbul         278         214         350         550         495           Red-whiskered Bulbul         24         13         115         106         90           Rock Dove/Pigeon         605         215         370         289         480           Saffron Finch         11         7         31         91         12           Spotted Dove         242         164         315         570         415           White-rumped Shama         55         31         76         96         67           Yellow-fronted Canary         97         142         121         146         41	House Sparrow	373	126	236	249	91
Northern Cardinal         28         12         81         69         31           Nutmeg Mannikin         27         114         27         6/ 17         63           Red-billed Leiothrix         50         83         163         138         145           Red-crested Cardinal         250         198         373         368         288           Red-vented Bulbul         278         214         350         550         495           Red-whiskered Bulbul         24         13         115         106         90           Rock Dove/Pigeon         605         215         370         289         480           Saffron Finch         11         7         31         91         12           Spotted Dove         242         164         315         570         415           White-rumped Shama         55         31         76         96         67           Yellow-fronted Canary         97         142         121         146         41	Japanese White-eye	104	93	343	289	250
Nutmeg Mannikin       27       114       27       6/ 17       63         Red-billed Leiothrix       50       83       163       138       145         Red-crested Cardinal       250       198       373       368       288         Red-vented Bulbul       278       214       350       550       495         Red-whiskered Bulbul       24       13       115       106       90         Rock Dove/Pigeon       605       215       370       289       480         Saffron Finch       11       7       31       91       12         Spotted Dove       242       164       315       570       415         White-rumped Shama       55       31       76       96       67         Yellow-fronted Canary       97       142       121       146       41	Java Sparrow	262	514	484	504	208
Red-billed Leiothrix       50       83       163       138       145         Red-crested Cardinal       250       198       373       368       288         Red-vented Bulbul       278       214       350       550       495         Red-whiskered Bulbul       24       13       115       106       90         Rock Dove/Pigeon       605       215       370       289       480         Saffron Finch       11       7       31       91       12         Spotted Dove       242       164       315       570       415         White-rumped Shama       55       31       76       96       67         Yellow-fronted Canary       97       142       121       146       41	Northern Cardinal	28	12	81	69	31
Red-crested Cardinal       250       198       373       368       288         Red-vented Bulbul       278       214       350       550       495         Red-whiskered Bulbul       24       13       115       106       90         Rock Dove/Pigeon       605       215       370       289       480         Saffron Finch       11       7       31       91       12         Spotted Dove       242       164       315       570       415         White-rumped Shama       55       31       76       96       67         Yellow-fronted Canary       97       142       121       146       41	Nutmeg Mannikin	27	114	27	6/ 17	63
Red-vented Bulbul       278       214       350       550       495         Red-whiskered Bulbul       24       13       115       106       90         Rock Dove/Pigeon       605       215       370       289       480         Saffron Finch       11       7       31       91       12         Spotted Dove       242       164       315       570       415         White-rumped Shama       55       31       76       96       67         Yellow-fronted Canary       97       142       121       146       41	Red-billed Leiothrix	50	83	163	138	145
Red-whiskered Bulbul       24       13       115       106       90         Rock Dove/Pigeon       605       215       370       289       480         Saffron Finch       11       7       31       91       12         Spotted Dove       242       164       315       570       415         White-rumped Shama       55       31       76       96       67         Yellow-fronted Canary       97       142       121       146       41	Red-crested Cardinal	250	198	373	368	288
Rock Dove/Pigeon         605         215         370         289         480           Saffron Finch         11         7         31         91         12           Spotted Dove         242         164         315         570         415           White-rumped Shama         55         31         76         96         67           Yellow-fronted Canary         97         142         121         146         41	Red-vented Bulbul	278	214	350	550	495
Saffron Finch       11       7       31       91       12         Spotted Dove       242       164       315       570       415         White-rumped Shama       55       31       76       96       67         Yellow-fronted Canary       97       142       121       146       41	Red-whiskered Bulbul	24	13	115	106	90
Spotted Dove         242         164         315         570         415           White-rumped Shama         55         31         76         96         67           Yellow-fronted Canary         97         142         121         146         41	Rock Dove/Pigeon	605	215	370	289	480
White-rumped Shama         55         31         76         96         67           Yellow-fronted Canary         97         142         121         146         41	Saffron Finch	11	7	31	91	12
Yellow-fronted Canary         97         142         121         146         41	Spotted Dove	242	164	315	570	415
, , , , , , , , , , , , , , , , , , , ,	White-rumped Shama	55	31	76	96	67
Zebra Dove         2,317         1,860         1,649         1,232         1,252	Yellow-fronted Canary	97	142	121	146	41
	Zebra Dove	2,317	1,860	1,649	1,232	1,252

Continued on next page.

Table 5.57-- HAWAII AUDUBON SOCIETY BIRD COUNTS OF SELECTED SPECIES IN THE HONOLULU AREA: 2017 TO 2021 -- Con.

Species	2017	2018	2019	2020	2021
Visitor species 7/ Mallard Pacific Golden-Plover Ruddy Turnstone Sanderling Wandering Tattler	10 342 239 9 15	339 424 13 11	2 485 285 14 23	- 283 21 2	561 182 19 19

- 1/ Birds peculiar to Hawaii, and found nowhere else.
- 2/ Endangered species.
- 3/ Native to Hawaii, but also found elsewhere.
- 4/ In 2020, the Red-footed Booby was still found in Hawaii, but not in the Honolulu area.
- 5/ Formerly termed "introduced." Includes accidental escapes from captivity.
- 6/ Revised from previous Data Book.
- 7/ Formerly termed "migratory." Includes stragglers and seasonal migrants.

Source: Audubon's Christmas Bird Count <a href="http://netapp.audubon.org/CBCObservation/">http://netapp.audubon.org/CBCObservation/</a> accessed June 21, 2022.