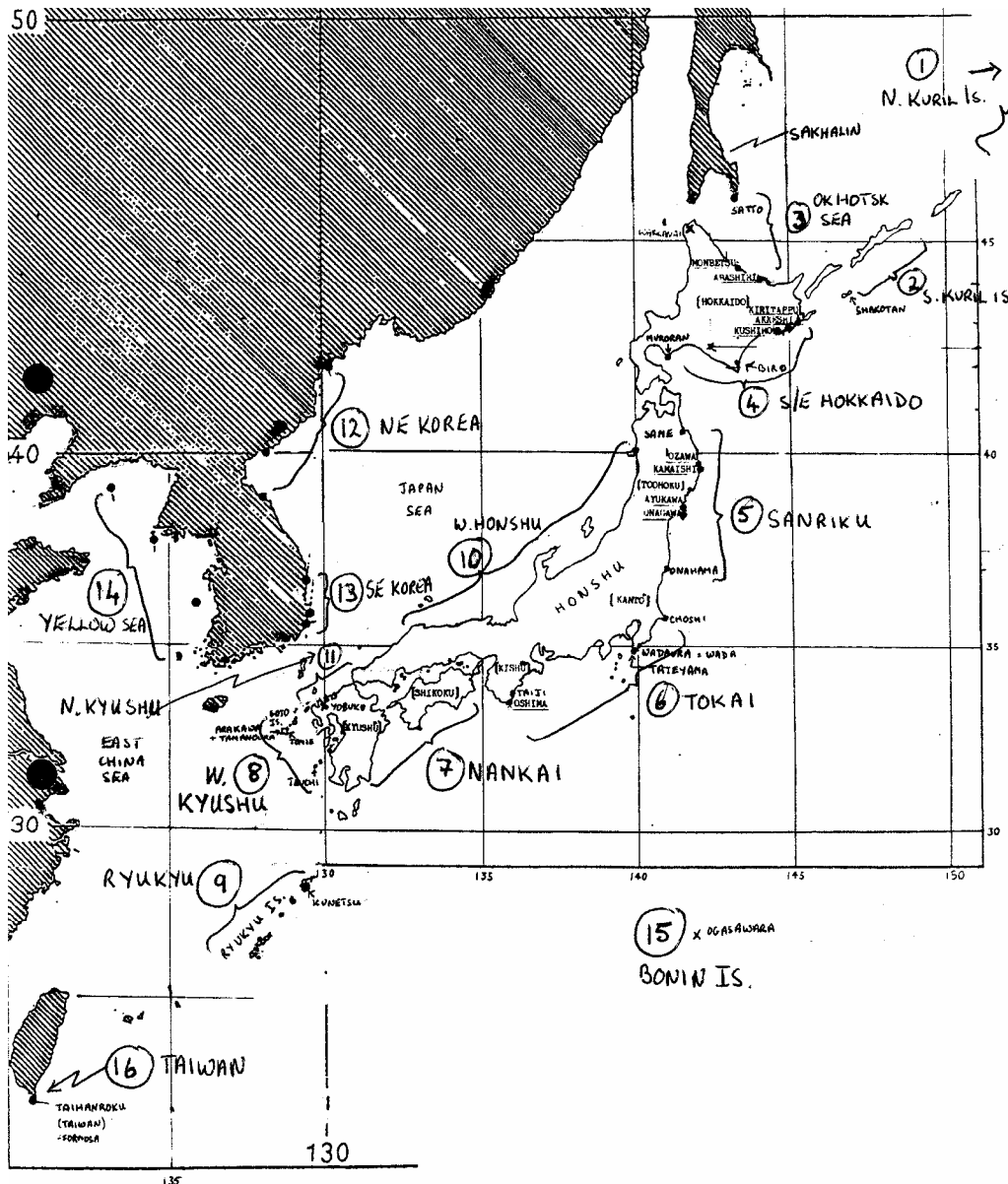


Appendix 7
Catch series for western North Pacific Bryde's whales



1. Japanese coastal whaling

Historic catch data from Japanese coastal land stations has been collected by area using 16 areas as illustrated in Fig 1. The composition of the catches in the 16 areas is summarised in Table 2.

Table 2. The 16 areas used in Japanese historic catch records. Areas in which Western North Pacific Bryde's whales are found are shown in bold.

| Area | Composition of Sei/Bryde's catch |
|-----------------------------------|---|
| 1 N Kuril Is | All sei whales |
| 2 S Kuril Is | All sei whales |
| 3 Okhotsk Sea | All sei whales |
| 4 S & E Hokkaido | Catches include Sei and Bryde's whales – see section x |
| 5 Sanriku (NE Honshu) | Catches include Sei and Bryde's whales – see section x |
| 6 Tokai (Central S Honshu) | All Bryde's whales |
| 7 Nankai (S/E Kysushu & Shikoku) | All Bryde's whales, assumed to be from E China Sea stock |
| 8 W Kyushu (inc. Goto Is) | All Bryde's whales, assumed to be from E China Sea stock |
| 9 Ryukyu Is. | All assumed to be from E China Sea stock (2 whales only) |
| 10 W. Honshu | No sei/Bryde's whales recorded in catch |
| 11 N Kyushu | Sei whales (or E China Sea stock) |
| 12 NE Korea | No sei/Bryde's whales recorded in catch |
| 13 SE Korea | E China Sea stock (2 whales only taken) |
| 14 Yellow Sea | E China Sea stock |
| 15 Bonin Is | Catches include Sei and Bryde's whales – see section x |
| 16 Taiwan | Catches all of local inshore form |

Japanese coastal whaling 1899 - 1954

Norwegian-style whaling by Japan began in 1899 on the eastern side of Korea in the Sea of Japan (Ohsumi SC/M05/Br7). Operations gradually extended to other areas and reached the eastern side of Japan in 1906 when land stations were built at Tateyama and Choishi (Chiba Prefecture) and Ayukawa (Miyagai Prefecture) (see Fig 1). Hence catches prior to 1906 do not include any Western North Pacific Bryde's whales.

The total catch from Eastern Japan in 1909 and 1910 is estimated by proration using the mean ratio of the catches in 1906-1908+1911 (the range of years for which the operational range is thought to be most similar).

The catch of sei/Bryde's whales in areas 5 and 6 in 1906-1910 is then estimated from the total catches in Eastern Japan, prorated using data from 1911 (Kasahara 1950).

Catches are known by species and area in the period 1911-1954, but do not differentiate between sei and Bryde's whales. There are some discrepancies in the total annual catches of sei whales as reported by different sources. The agreed 'best' catch series uses numbers for 1920-39 from Tønnessen & Johnson 1982 as these were described as revised numbers from the Whales Research Institute, Tokyo. For other years the numbers have been taken from IWS.

The annual sei/Bryde's catch by area is taken to be the 'best' total described above, prorated to area in using the data from the relevant year from Kasahara 1950, or if there are no data, using the mean catch by area from the adjacent year. (The IWC individual database includes the date and sex of catches in 1929 and 1946-54 but as the data do not differentiate between sei and Bryde's whales the method used to prorate these data is the same as for the other years).

The historic catch of Bryde's whales by sex is estimated by prorating the number sei/Bryde's whales by area and year, using the data from years 1953-72, which were taken from the NP1 forms for 1955-67 and from the IWC database for 1968 on. Data from 1973 on was not included in the proration because separate sei and Bryde's whale quotas were set from this time, so the data cannot be taken as a reflection of the proportion of each species in the area. Two alternative catch series will be considered for which the pre 1955 catches from Area 5 (Sanriku) will be allocated using the upper and lower 5%iles of the proportion of known Bryde's whale catches 1953-72.

Japanese coastal whaling 1955 - present

The catch data since 1955 differentiate between sei and Bryde's whales and are summarised in Table 6.

Kondo and Kasuya (ref) report data from 1965-76 by Nihon Hogeï which differs from the official catch series. However, for Bryde's whales, the new total catch of Bryde's whales is less than the official catch data, so the revised data has not been used in the catch series.

Whaling by Japan in the Bonin Islands

The catch in the Bonin Islands since 1951 has been identified to be 100% Bryde's whales. Before 1945, whaling in the Bonin Islands was conducted from December to May with a peak in March (Mizue 1948)

Omura and Fujino (1954) show that the catch from the Bonin Islands in 1935-36, which was taken in the period Nov-Apr, was exclusively of sei whales (with the exception of one animal which could not be classified), in comparison with the catch in 1952 which was taken in the period May-Jun and was exclusively of Bryde's whales. They state that sei whales are found in the vicinity of the Bonin Islands in the period from December to the middle of April, after which they go north. Bryde's whales arrive in the middle or end of April.

An analysis of length data from the 1946-52 catch in the Bonin Islands (Ohsumi pers. comm.) confirms that the length distribution in February and March is similar to that of the sei whale, while that for May and June is similar to that of the Bryde's whale. The data in April is mixed.

From the above data the 'best' catch series is constructed by assuming that for the pre 1946 data (i) 2/3 of the historic catch of sei/Bryde's whales in April and May is Bryde's whales, and (ii) that the fraction caught in April/May is the same as that for the catch of all species. For the years 1946-49, the catch in April is allocated as for the pre 1946 data while the catch in May is assumed to be all Bryde's whales.

The uncertainties in the classification of the Bonin Island catches are such that two other catch series are used in the trials. The 'Low' catch series assumes that the historic catches in the Bonin Islands prior to 1945 do not include any Bryde's whales while the 'High' catch series assumes the catch to be 100% Bryde's whales. This will ensure that the full range of uncertainty is covered.

Kondo (2001) and Kasuya and Brownell (2001) report data from 1981-87 in the Bonin Islands which differs from the official catch series. The Kondo & Kasuya data will be used in the 'high' catch series.

Republic of China (Taiwan).

The estimates of the catch by Republic of China (Taiwan) are taken from Brownell (RIWC 81: 132). Whaling ceased in 1981 (RIWC 1984:117). The 'low' catch series will use the minimum values for the years 1978-80 given in Brownell and the 'high' series will use the maximum values.

Philippines.

The official catches were all listed as taken close to Homonhon and hence would be of the inshore form Bryde's whale. The numbers are tabled below. The official sex ratio is 41% female. (This compares with a sex ratio of 28% females in the Japan Bonin Island catch in the same 3 years).

Perrin (SC/50/RMP13) provides information showing the catch was taken in more distant and deeper waters, possibly as far as the Bonin Islands. More recent information from Perrin (pers comm.) confirms this and further shows that some catches were taken in

the vicinity of the Caroline Islands and so may not have been taken from the Western North Pacific stock but rather from the Bryde's like pygmy species.

The official Philippines catch series will be used, but assuming the catches were taken from the Western North Pacific Stock. The 'Low' catch series will assume 50% were taken from the Western North Pacific Stock (the remainder assumed to have been taken from another stock or species).

USSR data.

It was shown that the revised data from 1970 to 1979 do not differ significantly from the officially reported data, and the latter data are by individual whale, it was agreed to use the official data.

Table of catches:

| By: | J- IW | J- J-Pelag IW | All All | USSR All areas | Taiwa All areas | Philipn Best | Total Best | J- IW | J- IW | J- IW | J- IW | Taiwa Low | Taiwa High | Philipn Low | Philipn High | By: | Total Low | Total Best | Total High |
|------|----------|------------------|------------|-------------------|--------------------|-----------------|---------------|----------|----------|----------|----------|--------------|---------------|----------------|-----------------|------|--------------|---------------|---------------|
| 1906 | 13 | 0 | 0 | 0 | 0 | 0 | 13 | 9 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 1906 | 9 | 13 | 17 |
| 1907 | 34 | 0 | 0 | 0 | 0 | 0 | 34 | 23 | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 1907 | 23 | 34 | 46 |
| 1908 | 81 | 0 | 0 | 0 | 0 | 0 | 81 | 54 | 109 | 0 | 0 | 0 | 0 | 0 | 0 | 1908 | 54 | 81 | 109 |
| 1909 | 47 | 0 | 0 | 0 | 0 | 0 | 47 | 31 | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 1909 | 31 | 47 | 63 |
| 1910 | 56 | 0 | 0 | 0 | 0 | 0 | 56 | 33 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 1910 | 33 | 56 | 67 |
| 1911 | 156 | 0 | 0 | 0 | 0 | 0 | 156 | 103 | 208 | 0 | 0 | 0 | 0 | 0 | 0 | 1911 | 103 | 156 | 208 |
| 1912 | 81 | 0 | 0 | 0 | 0 | 0 | 81 | 45 | 117 | 0 | 0 | 0 | 0 | 0 | 0 | 1912 | 45 | 81 | 117 |
| 1913 | 124 | 0 | 0 | 0 | 0 | 0 | 124 | 69 | 178 | 0 | 0 | 0 | 0 | 0 | 0 | 1913 | 69 | 124 | 178 |
| 1914 | 56 | 0 | 0 | 0 | 0 | 0 | 56 | 15 | 96 | 0 | 0 | 0 | 0 | 0 | 0 | 1914 | 15 | 56 | 96 |
| 1915 | 168 | 0 | 0 | 0 | 0 | 0 | 168 | 44 | 292 | 0 | 0 | 0 | 0 | 0 | 0 | 1915 | 44 | 168 | 292 |
| 1916 | 104 | 0 | 0 | 0 | 0 | 0 | 104 | 31 | 178 | 0 | 0 | 0 | 0 | 0 | 0 | 1916 | 31 | 104 | 178 |
| 1917 | 181 | 0 | 0 | 0 | 0 | 0 | 181 | 126 | 235 | 0 | 0 | 0 | 0 | 0 | 0 | 1917 | 126 | 181 | 235 |
| 1918 | 147 | 0 | 0 | 0 | 0 | 0 | 147 | 81 | 212 | 0 | 0 | 0 | 0 | 0 | 0 | 1918 | 81 | 147 | 212 |
| 1919 | 161 | 0 | 0 | 0 | 0 | 0 | 161 | 106 | 214 | 0 | 0 | 0 | 0 | 0 | 0 | 1919 | 106 | 161 | 214 |
| 1920 | 92 | 0 | 0 | 0 | 0 | 0 | 92 | 35 | 148 | 0 | 0 | 0 | 0 | 0 | 0 | 1920 | 35 | 92 | 148 |
| 1921 | 88 | 0 | 0 | 0 | 0 | 0 | 88 | 39 | 137 | 0 | 0 | 0 | 0 | 0 | 0 | 1921 | 39 | 88 | 137 |
| 1922 | 81 | 0 | 0 | 0 | 0 | 0 | 81 | 36 | 124 | 0 | 0 | 0 | 0 | 0 | 0 | 1922 | 36 | 81 | 124 |
| 1923 | 75 | 0 | 0 | 0 | 0 | 0 | 75 | 20 | 129 | 0 | 0 | 0 | 0 | 0 | 0 | 1923 | 20 | 75 | 129 |
| 1924 | 110 | 0 | 0 | 0 | 0 | 0 | 110 | 32 | 188 | 0 | 2 | 0 | 0 | 0 | 0 | 1924 | 32 | 110 | 190 |
| 1925 | 117 | 1 | 0 | 0 | 0 | 0 | 118 | 61 | 173 | 0 | 4 | 0 | 0 | 0 | 0 | 1925 | 61 | 118 | 177 |
| 1926 | 131 | 2 | 0 | 0 | 0 | 0 | 133 | 56 | 206 | 0 | 9 | 0 | 0 | 0 | 0 | 1926 | 56 | 133 | 215 |
| 1927 | 117 | 0 | 0 | 0 | 0 | 0 | 117 | 54 | 180 | 0 | 3 | 0 | 0 | 0 | 0 | 1927 | 54 | 117 | 183 |
| 1928 | 80 | 0 | 0 | 0 | 0 | 0 | 80 | 36 | 123 | 0 | 0 | 0 | 0 | 0 | 0 | 1928 | 36 | 80 | 123 |
| 1929 | 62 | 0 | 0 | 0 | 0 | 0 | 62 | 33 | 92 | 0 | 1 | 0 | 0 | 0 | 0 | 1929 | 33 | 62 | 93 |
| 1930 | 62 | 0 | 0 | 0 | 0 | 0 | 62 | 20 | 103 | 0 | 7 | 0 | 0 | 0 | 0 | 1930 | 20 | 62 | 110 |
| 1931 | 135 | 0 | 0 | 0 | 0 | 0 | 135 | 85 | 183 | 0 | 0 | 0 | 0 | 0 | 0 | 1931 | 85 | 135 | 183 |
| 1932 | 104 | 0 | 0 | 0 | 0 | 0 | 104 | 76 | 131 | 0 | 0 | 0 | 0 | 0 | 0 | 1932 | 76 | 104 | 131 |
| 1933 | 84 | 0 | 0 | 0 | 0 | 0 | 84 | 32 | 135 | 0 | 12 | 0 | 0 | 0 | 0 | 1933 | 32 | 84 | 147 |
| 1934 | 93 | 0 | 0 | 0 | 0 | 0 | 93 | 66 | 120 | 0 | 3 | 0 | 0 | 0 | 0 | 1934 | 66 | 93 | 122 |
| 1935 | 92 | 0 | 0 | 0 | 0 | 0 | 92 | 76 | 108 | 0 | 12 | 0 | 0 | 0 | 0 | 1935 | 76 | 92 | 120 |
| 1936 | 82 | 5 | 0 | 0 | 0 | 0 | 87 | 31 | 132 | 0 | 25 | 0 | 0 | 0 | 0 | 1936 | 31 | 87 | 157 |
| 1937 | 117 | 5 | 0 | 0 | 0 | 0 | 122 | 70 | 164 | 0 | 55 | 0 | 0 | 0 | 0 | 1937 | 70 | 122 | 218 |
| 1938 | 153 | 6 | 0 | 0 | 0 | 0 | 159 | 93 | 212 | 0 | 27 | 0 | 0 | 0 | 0 | 1938 | 93 | 159 | 239 |
| 1939 | 188 | 4 | 0 | 0 | 0 | 0 | 192 | 81 | 295 | 0 | 31 | 0 | 0 | 0 | 0 | 1939 | 81 | 192 | 326 |
| 1940 | 106 | 3 | 0 | 0 | 0 | 0 | 109 | 38 | 173 | 0 | 22 | 0 | 0 | 0 | 0 | 1940 | 38 | 109 | 195 |
| 1941 | 133 | 10 | 0 | 0 | 0 | 0 | 143 | 35 | 230 | 0 | 36 | 0 | 0 | 0 | 0 | 1941 | 35 | 143 | 266 |
| 1942 | 21 | 0 | 0 | 0 | 0 | 0 | 21 | 10 | 32 | 0 | 14 | 0 | 0 | 0 | 0 | 1942 | 10 | 21 | 46 |
| 1943 | 10 | 19 | 0 | 0 | 0 | 0 | 29 | 8 | 13 | 0 | 77 | 0 | 0 | 0 | 0 | 1943 | 8 | 29 | 90 |
| 1944 | 50 | 24 | 0 | 0 | 0 | 0 | 74 | 14 | 85 | 0 | 145 | 0 | 0 | 0 | 0 | 1944 | 14 | 74 | 230 |
| 1945 | 12 | 0 | 0 | 0 | 0 | 0 | 12 | 3 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 1945 | 3 | 12 | 20 |
| 1946 | 113 | 13 | 0 | 0 | 0 | 0 | 125 | 28 | 197 | 13 | 13 | 0 | 0 | 0 | 0 | 1946 | 41 | 125 | 209 |
| 1947 | 47 | 59 | 0 | 0 | 0 | 0 | 105 | 12 | 81 | 59 | 59 | 0 | 0 | 0 | 0 | 1947 | 71 | 105 | 140 |
| 1948 | 93 | 40 | 0 | 0 | 0 | 0 | 134 | 23 | 164 | 40 | 40 | 0 | 0 | 0 | 0 | 1948 | 63 | 134 | 204 |
| 1949 | 119 | 78 | 0 | 0 | 0 | 0 | 198 | 51 | 187 | 78 | 78 | 0 | 0 | 0 | 0 | 1949 | 130 | 198 | 266 |
| 1950 | 30 | 243 | 0 | 0 | 0 | 0 | 273 | 8 | 51 | 243 | 243 | 0 | 0 | 0 | 0 | 1950 | 251 | 273 | 294 |
| 1951 | 27 | 280 | 0 | 0 | 0 | 0 | 307 | 8 | 45 | 280 | 280 | 0 | 0 | 0 | 0 | 1951 | 288 | 307 | 325 |
| 1952 | 78 | 411 | 0 | 0 | 0 | 0 | 489 | 21 | 136 | 411 | 411 | 0 | 0 | 0 | 0 | 1952 | 432 | 489 | 547 |
| 1953 | 60 | 0 | 0 | 0 | 0 | 0 | 60 | 16 | 104 | 0 | 0 | 0 | 0 | 0 | 0 | 1953 | 16 | 60 | 104 |
| 1954 | 72 | 0 | 0 | 0 | 0 | 0 | 72 | 19 | 124 | 0 | 0 | 0 | 0 | 0 | 0 | 1954 | 19 | 72 | 124 |
| 1955 | 94 | 0 | 0 | 0 | 0 | 0 | 94 | 94 | 94 | 0 | 0 | 0 | 0 | 0 | 0 | 1955 | 94 | 94 | 94 |
| 1956 | 24 | 0 | 0 | 0 | 0 | 0 | 24 | 24 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 1956 | 24 | 24 | 24 |
| 1957 | 39 | 0 | 0 | 0 | 0 | 0 | 39 | 39 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 1957 | 39 | 39 | 39 |
| 1958 | 254 | 0 | 0 | 0 | 0 | 0 | 254 | 254 | 254 | 0 | 0 | 0 | 0 | 0 | 0 | 1958 | 254 | 254 | 254 |
| 1959 | 263 | 0 | 0 | 0 | 0 | 0 | 263 | 263 | 263 | 0 | 0 | 0 | 0 | 0 | 0 | 1959 | 263 | 263 | 263 |
| 1960 | 404 | 0 | 0 | 0 | 0 | 0 | 404 | 404 | 404 | 0 | 0 | 0 | 0 | 0 | 0 | 1960 | 404 | 404 | 404 |
| 1961 | 167 | 0 | 0 | 0 | 0 | 0 | 167 | 167 | 167 | 0 | 0 | 0 | 0 | 0 | 0 | 1961 | 167 | 167 | 167 |
| 1962 | 504 | 0 | 0 | 0 | 0 | 0 | 504 | 504 | 504 | 0 | 0 | 0 | 0 | 0 | 0 | 1962 | 504 | 504 | 504 |
| 1963 | 210 | 0 | 0 | 0 | 0 | 0 | 210 | 210 | 210 | 0 | 0 | 0 | 0 | 0 | 0 | 1963 | 210 | 210 | 210 |

| By: | J- | J- J-Pelag | USSR | Taiwa | Philipn | Total | J- | J- | J- | J- | Taiwa | Taiwa | Philipn | Philipn | By: | Total | Total | Total |
|------|------|------------|------|-----------|-----------|-----------|------|------|-----|------|-------|-------|---------|---------|------|-------|-------|-------|
| Sex: | IW | IW | All | All areas | All areas | All areas | IW | IW | IW | IW | Low | High | Low | High | Year | Total | Total | Total |
| | Best | Best | All | All | Best | Best | Low | High | Low | High | Low | High | Low | High | | Low | Best | High |
| 1964 | 68 | 0 | 0 | 0 | 0 | 0 | 68 | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 1964 | 68 | 68 | 68 |
| 1965 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 1965 | 8 | 8 | 8 |
| 1966 | 55 | 0 | 0 | 0 | 0 | 0 | 55 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 1966 | 55 | 55 | 55 |
| 1967 | 45 | 0 | 0 | 0 | 0 | 0 | 45 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 1967 | 45 | 45 | 45 |
| 1968 | 171 | 0 | 0 | 0 | 0 | 0 | 171 | 171 | 0 | 0 | 0 | 0 | 0 | 0 | 1968 | 171 | 171 | 171 |
| 1969 | 89 | 0 | 0 | 0 | 0 | 0 | 89 | 89 | 0 | 0 | 0 | 0 | 0 | 0 | 1969 | 89 | 89 | 89 |
| 1970 | 73 | 0 | 0 | 66 | 0 | 0 | 139 | 73 | 73 | 0 | 0 | 0 | 0 | 0 | 1970 | 139 | 139 | 139 |
| 1971 | 172 | 0 | 109 | 638 | 0 | 0 | 919 | 172 | 172 | 0 | 0 | 0 | 0 | 0 | 1971 | 919 | 919 | 919 |
| 1972 | 84 | 0 | 5 | 71 | 0 | 0 | 160 | 84 | 84 | 0 | 0 | 0 | 0 | 0 | 1972 | 160 | 160 | 160 |
| 1973 | 40 | 0 | 2 | 657 | 0 | 0 | 699 | 40 | 40 | 0 | 0 | 0 | 0 | 0 | 1973 | 699 | 699 | 699 |
| 1974 | 147 | 0 | 522 | 654 | 0 | 0 | 1323 | 147 | 147 | 0 | 0 | 0 | 0 | 0 | 1974 | 1323 | 1323 | 1323 |
| 1975 | 116 | 0 | 687 | 629 | 0 | 0 | 1432 | 116 | 116 | 0 | 0 | 0 | 0 | 0 | 1975 | 1432 | 1432 | 1432 |
| 1976 | 83 | 0 | 578 | 679 | 119 | 0 | 1459 | 83 | 83 | 0 | 0 | 119 | 119 | 0 | 1976 | 1459 | 1459 | 1459 |
| 1977 | 76 | 0 | 424 | 275 | 171 | 0 | 946 | 76 | 76 | 0 | 0 | 171 | 171 | 0 | 1977 | 946 | 946 | 946 |
| 1978 | 62 | 0 | 200 | 216 | 318 | 0 | 796 | 62 | 62 | 0 | 0 | 186 | 450 | 0 | 1978 | 664 | 796 | 928 |
| 1979 | 52 | 0 | 175 | 227 | 827 | 0 | 1281 | 52 | 52 | 0 | 0 | 761 | 893 | 0 | 1979 | 1215 | 1281 | 1347 |
| 1980 | 307 | 0 | 0 | 0 | 448 | 0 | 755 | 307 | 307 | 0 | 0 | 320 | 448 | 0 | 1980 | 627 | 755 | 755 |
| 1981 | 168 | 317 | 0 | 0 | 0 | 0 | 485 | 168 | 168 | 317 | 454 | 0 | 0 | 0 | 1981 | 485 | 485 | 622 |
| 1982 | 44 | 438 | 0 | 0 | 0 | 0 | 482 | 44 | 44 | 438 | 665 | 0 | 0 | 0 | 1982 | 482 | 482 | 709 |
| 1983 | 28 | 508 | 0 | 0 | 0 | 9 | 545 | 28 | 28 | 508 | 586 | 0 | 0 | 5 | 1983 | 541 | 545 | 623 |
| 1984 | 10 | 471 | 0 | 0 | 0 | 47 | 528 | 10 | 10 | 471 | 747 | 0 | 0 | 24 | 1984 | 505 | 528 | 804 |
| 1985 | 13 | 304 | 0 | 0 | 0 | 40 | 357 | 13 | 13 | 304 | 553 | 0 | 0 | 20 | 1985 | 337 | 357 | 606 |
| 1986 | 2 | 315 | 0 | 0 | 0 | 0 | 317 | 2 | 2 | 315 | 620 | 0 | 0 | 0 | 1986 | 317 | 317 | 622 |
| 1987 | 11 | 306 | 0 | 0 | 0 | 0 | 317 | 11 | 11 | 306 | 537 | 0 | 0 | 0 | 1987 | 317 | 317 | 548 |
| 1988 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1988 | 0 | 0 | 0 |
| 1989 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1989 | 0 | 0 | 0 |
| 1990 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1990 | 0 | 0 | 0 |
| 1991 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1991 | 0 | 0 | 0 |
| 1992 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1992 | 0 | 0 | 0 |
| 1993 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1993 | 0 | 0 | 0 |
| 1994 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1994 | 0 | 0 | 0 |
| 1995 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 | 0 | 0 | 0 |
| 1996 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1996 | 0 | 0 | 0 |
| 1997 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1997 | 0 | 0 | 0 |
| 1998 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1998 | 1 | 1 | 1 |
| 1999 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1999 | 0 | 0 | 0 |
| 2000 | 0 | 0 | 43 | 0 | 0 | 0 | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2000 | 43 | 43 | 43 |
| 2001 | 0 | 0 | 50 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2001 | 50 | 50 | 50 |
| 2002 | 0 | 0 | 50 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2002 | 50 | 50 | 50 |
| 2003 | 0 | 0 | 50 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2003 | 50 | 50 | 50 |
| 2004 | 0 | 0 | 51 | 0 | 0 | 0 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2004 | 51 | 51 | 51 |

