

Number of children	Frequency
1	4
2	6
3	6
4	6
5	8
6	6
7	6
8	6
9	4
10	2



This heatmap displays the distribution of party affiliation across the 100 US House members, categorized by seniority (1 to 9). The y-axis represents the number of members, ranging from 12 at the top to 21 at the bottom. The x-axis represents seniority from 1 to 9. The color scale indicates party affiliation: blue for Democrats and red for Republicans. The plot shows a clear pattern where Democrats are more prevalent in the lower seniority ranks (1-4), while Republicans are more prevalent in the higher seniority ranks (5-9). There are also several red squares in the lower seniority ranks, indicating a mix of parties at those levels.

Seniority	Democrat	Republican
1	1	0
2	1	0
3	1	0
4	1	0
5	0	1
6	0	1
7	0	1
8	0	1
9	0	1

