# Fledgling osprey migration data

Investigate the data in the table.

Travel days are when the bird is flying.

Stop-rest days are days when the bird is not flying and roosts, staying in the one area.

Total days is the number of days the journey took to reach the final destination.

What does the data show?

Do you notice any patterns in the data?

How can you represent the data visually?

Which type of chart might be useful? Why?

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| --- | --- | --- | --- |
| **Bird no.** | **Travel days**  | **Stop-rest days**  | **Total days**  |
| Bird 1 | 20 | 17 | 37 |
| Bird 2 | 26 | 64 | 90 |
| Bird 3 | 22 | 0 | 22 |
| Bird 4 | 22 | 0 | 22 |
| Bird 5 | 16 | 35 | 51 |
| Bird 6 | 13 | 34 | 47 |
| Bird 7 | 24 | 55 | 79 |
| Bird 8 | 8 | 0 | 8 |
| Bird 9 | 8 | 0 | 8 |
| Bird 10 | 10 | 3 | 13 |

You may decide to present the data as a side-by-side column graph.

Use this partly completed side-by-side column graph.

Use the data from the table to complete the plotting of the graph.

What does your representation show?

Write some conclusions about the data in your chart.

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You may decide to present the data as a stacked column graph.

Use this partly completed stacked column graph.

Use the data from the table to complete the plotting of the graph.

What does your representation show?

Write some conclusions about the data in your chart.

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