

## MyMeasures Codes:

Total Animals Rescued = `COUNTROWS('Animal Info')`

Total Animals Fostered =

```
// Calculate the result with a specific filter context
CALCULATE(
    // Count the rows in the 'Animal Info' table
    COUNTROWS('Animal Info'),

    // Apply a filter to include only rows where 'Animal Date of Foster' is not blank
    NOT(ISBLANK('Animal Info'[Animal Date of Foster]))
)
```

Total Animals Rescued Last Year =

```
// Calculate the result with a specific filter context
CALCULATE(
    // Use the existing measure for total animals rescued
    [Total Animals Rescued],

    // Apply a time intelligence function to shift the date context to the same period
    last year
    SAMEPERIODLASTYEAR('dimDate'[Date])
)
```

Total Animals Fostered Last Year =

```
// Calculate the result with a specific filter context
CALCULATE(
    // Use the existing measure for total animals fostered
    [Total Animals Fostered],

    // Apply a time intelligence function to shift the date context to the same period
    last year
    SAMEPERIODLASTYEAR('dimDate'[Date])
)
```

Avg Days Shelter To Foster =

```
// Convert the result to an integer
INT(
    // Calculate the average value over a table expression
    AVERAGEX(
        // Filter the 'Animal Info' table to include only rows where both dates are
not blank
        FILTER('Animal Info',
            // Check that 'Animal Date of Foster' is not blank
            NOT(ISBLANK('Animal Info'[Animal Date of Foster])) &&
            // Check that 'Animal Date of Arrival' is not blank
            NOT(ISBLANK('Animal Info'[Animal Date of Arrival]))
        ),
        // Calculate the difference in days between 'Animal Date of Arrival' and
'Animal Date of Foster'
        DATEDIFF('Animal Info'[Animal Date of Arrival], 'Animal Info'[Animal Date of
Foster], DAY)
    )
)
```

Change YOY Animals Rescued =

```
// Subtract the total animals rescued last year from the current year
[Total Animals Rescued] - [Total Animals Rescued Last Year]
```

Animals Ready For Foster =

```
CALCULATE(
    COUNTROWS('Animal Info'),
    'Animal Info'[Animal Shelter Status] = "Ready for Foster"
)
```

```

Report Header Drillthrough =
    "Drillthrough -" &                                // Start with the base header text
    IF(HASONEVALUE('Shelter Home'[Sheltername]), // Check if there is a single
shelter name selected
        " - " & VALUES('Shelter Home'[Sheltername]), // If true, append the shelter
name
        "" // If not true, leave this part empty
    ) &
    IF(HASONEVALUE(dimDate[Month]), // Check if there is a single month selected
        " " & VALUES(dimDate[Month]), // If true, append the month
        "" // If not true, leave this part empty
    ) &
    IF(HASONEVALUE(dimDate[Year]), // Check if there is a single year selected
        " " & VALUES(dimDate[Year]), // If true, append the year
        "" // If not true, leave this part empty
    )

```

```

Most Fostered Animal =
    VAR MaxCountAnimalType =
        MAXX(
            // Step 1: Filter and summarize the 'Animal Info' table to include only rows
            where 'Date of Foster' is not blank
            FILTER(
                SUMMARIZE(
                    FILTER('Animal Info', NOT(ISBLANK('Animal Info'[Animal Date of
Foster]))), // Filter to non-blank 'Date of Foster'
                    'Animal Info'[Animal Type], // Group by 'Animal Type'
                    "Count", COUNTROWS('Animal Info') // Calculate the count of rows for
each 'Animal Type'
                ),
                [Count] = MAXX( // Step 2: Filter by the maximum count of fosters
                    SUMMARIZE(
                        FILTER('Animal Info', NOT(ISBLANK('Animal Info'[Animal Date of
Foster]))), // Re-filter for non-blank 'Date of Foster'
                        'Animal Info'[Animal Type],
                        "Count", COUNTROWS('Animal Info')
                    ),
                    [Count] // Compare counts within the summarized table
                )
            ),
            [Animal Type] // Return the 'Animal Type' with the maximum count
        )

// Step 3: Return a table with the most fostered animal type
RETURN
    SELECTCOLUMNS(
        FILTER(
            SUMMARIZE(
                FILTER('Animal Info', NOT(ISBLANK('Animal Info'[Animal Date of
Foster]))),
                'Animal Info'[Animal Type],
                "Count", COUNTROWS('Animal Info')
            ),
            [Animal Type] = MaxCountAnimalType // Filter by the 'Animal Type' with
the maximum count
        ),
        "Type", [Animal Type] // Select and rename columns to form the result table
    )

```