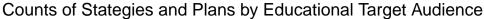
## EDU DATA

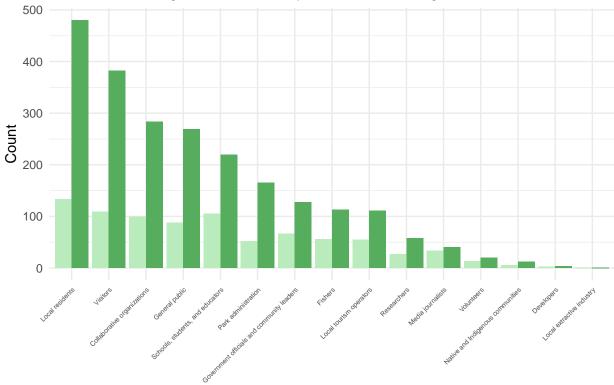
#### 2024-10-25

# Target Audience

target quantifies how many strategies and plans are aimed at each recipient \* each plan can have multiple strategies \* each plan/strategy can target multiple recipients \* edu\_target\_audience is who the plan/strategy targets \* n\_strategies is how many dinstinct action items target a recipient \* n\_plans is how many MPA plans target a specified recipient across all action items \* percent\_of\_strategies is the percent of strategies that target a recipient \* percent\_of\_plans is the percent of plans that target a recipient

### plots





**Educational Target Audience** 

## Nots

- plans and strategies in separate graphs
- in descending order
- consolidate redundant categories
- aes finalized version with vertical and horizontal bars
  - readability
  - rename categories
  - no legend

# EDU WHAT

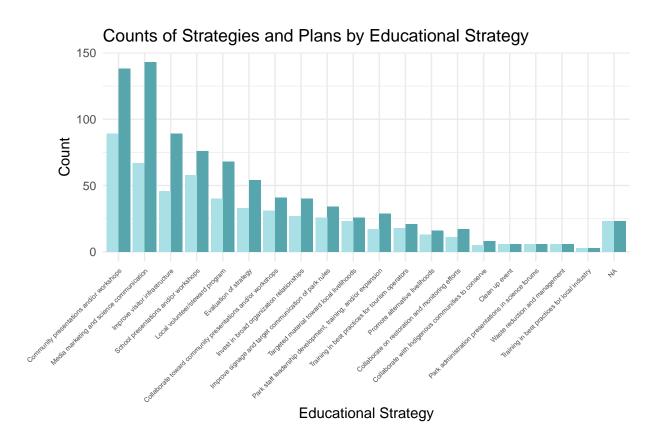
- · edu\_what is social strategies and action steps of each overarching educational strategy
- plans can have multiple education strategy action steps

```
percent_of_plans = n_plans/length(unique(orig_list*plan_id))*100) |>
rename(strategy_type = edu_what)
```

### plots

```
edu_what_plot = edu_what |>
    pivot_longer(cols = c("n_strategies", "n_plans"), values_to = "count") |>
    mutate(strategy_type = fct_reorder(strategy_type, count, .desc = TRUE))

ggplot(data = edu_what_plot, aes(x = strategy_type, y = count, fill = name)) +
    geom_bar(stat = "identity", position = position_dodge()) +
    labs(title = "Counts of Strategies and Plans by Educational Strategy",
        x = "Educational Strategy",
        y = "Count",
        fill = "type") +
    theme_minimal() +
    scale_fill_manual(values = c("n_strategies" = "#57a6ad", "n_plans" = "#a8e0e6")) +
    theme(legend.position = "none", axis.text.x = element_text(angle = 45, hjust = 1, size = 5),
        plot.margin = margin(10, 10, 20, 30))
```



QUESTIONS \* how to read the orig\_list