# 2024 Big Panfish Initiative Report Card

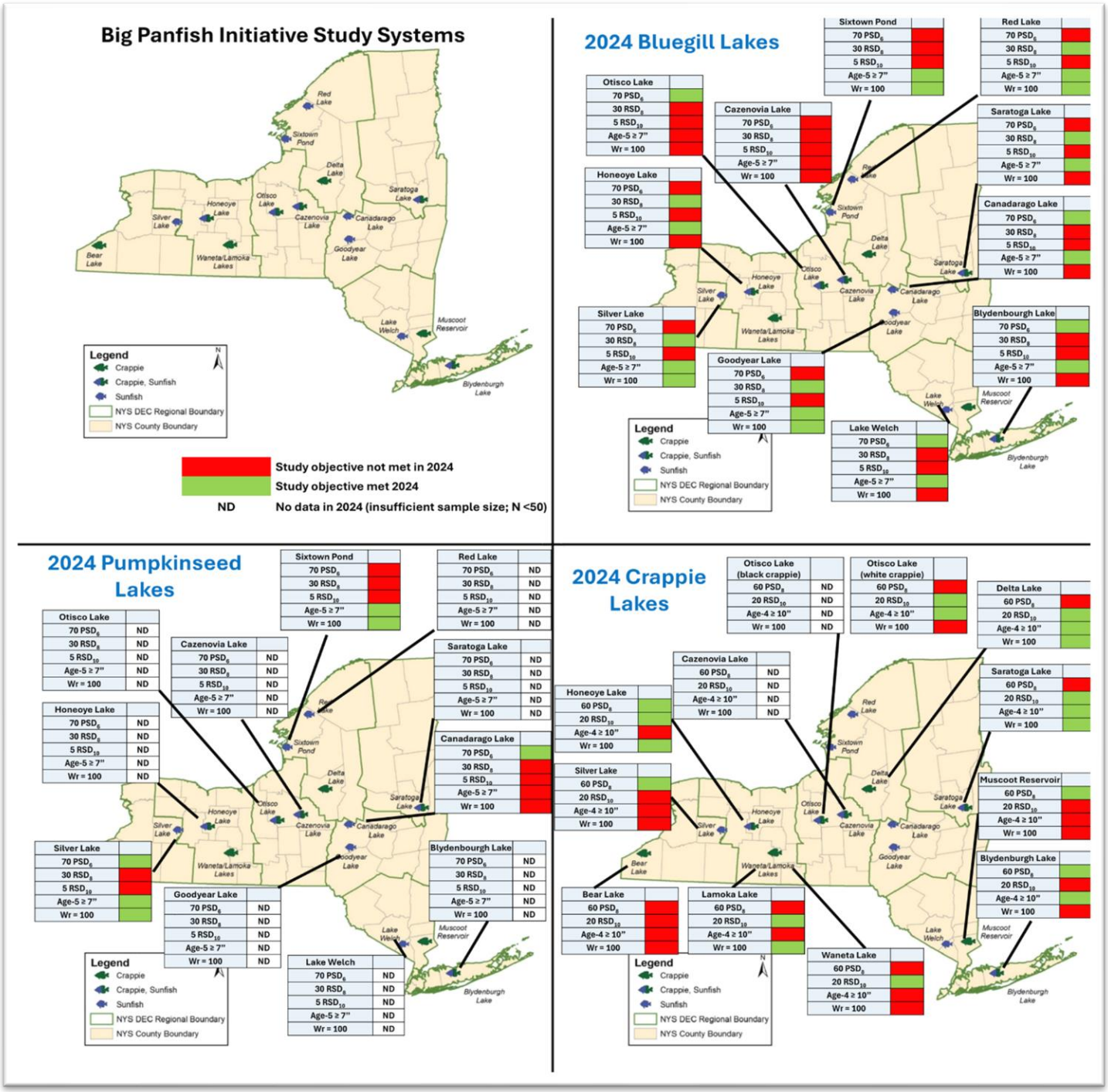


*Figure 1. Maps of BPI study lakes for bluegills, pumpkinseeds and crappie with species-specific objectives designated as "met" (green) or "not met" (red). (For definitions of PSD, RSD and Wr see: Fisheries Dictionary - NYS Dept. of Environmental Conservation)*

*Bluegill and pumpkinseed objectives include:*

- *Size structure: 70 $PSD_5$, 30 $RSD_8$, and 5 $RSD_{10}$;*
- *Growth: ≥7" by age 5;*
- *Condition: Relative weight (Wr) = 100*

*Crappie objectives include:*

- *Size structure: 60 $PSD_8$ and 20 $RSD_{10}$*
- *Growth: ≥10" by age 4;*
- *Condition: Relative weight (Wr) = 100*

Table 1. Trends in the proportion of bluegills and pumpkinseeds that are 8" or more in each sampled population from 2021/22 to 2024.

| ***Waterbody*** | ***Species*** | ***Trend in the proportion of ≥8" fish in the population ($RSD_8$)*** |
|---|---|---|
| ***Blydenburgh Lake*** | *Bluegill* | ↘ |
| ***Canadarago Lake*** | *Bluegill* | ↔ |
| | *Pumpkinseed* | ↔ |
| ***Cazenovia Lake*** | *Bluegill* | ↘ |
| ***Goodyear Lake*** | *Bluegill* | ↗ |
| ***Honeoye Lake*** | *Bluegill* | ↗ |
| ***Lake Welch*** | *Bluegill* | ↘ |
| ***Otisco Lake*** | *Bluegill* | ↗ |
| ***Red Lake*** | *Bluegill* | ↗ |
| ***Saratoga Lake*** | *Bluegill* | ↗ |
| ***Silver Lake*** | *Bluegill* | ↗ |
| | *Pumpkinseed* | ↔ |
| ***Sixtown Pond*** | *Bluegill* | ↘ |
| | *Pumpkinseed* | ↗ |

Table 2. Trends in the proportion of crappie that are 10” or more in each sampled population from 2021/22 to 2024. ID = insufficient data.

| ***Waterbody*** | ***Species*** | ***Trend in the proportion of ≥10” fish in the population ($RSD_{10}$)*** |
|---|---|---|
| ***Bear Lake*** | *Black Crappie* | ↔ |
| ***Blydenburgh Lake*** | *Black Crappie* | ↘ |
| ***Cazenovia Lake*** | *Black Crappie* | *ID* |
| ***Delta Lake*** | *Black Crappie* | ↗ |
| ***Honeoye Lake*** | *Black Crappie* | ↗ |
| ***Lamoka Lake*** | *Black Crappie* | ↔ |
| ***Muscoot Reservoir*** | *Black Crappie* | ↔ |
| ***Otisco Lake*** | *Black Crappie* | *ID* |
| | *White Crappie* | ↗ |
| ***Saratoga Lake*** | *Black Crappie* | ↗ |
| ***Silver Lake*** | *Black Crappie* | ↗ |
| ***Waneta Lake*** | *Black Crappie* | ↘ |