

SAB Progress Tracker

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Compare the latest national data set to previous versions!

```
SAB_1 <-st_read("https://www.hydroshare.org/resource/6f3386bb4bc945028391cfabf1ea252e/data/contents/temm
```

```
SAB_2<-st_read("https://www.hydroshare.org/resource/20b908d73a784fc1a097a3b3f2b58bfb/data/contents/temm
```

```
all_SAB %>%  
  count(Tier_V2)
```

```
##   Tier_V2      n  
## 1    none  3476  
## 2 Tier 1 16896  
## 3 Tier 2a 11526  
## 4 Tier 3 17526
```

```
all_SAB_population <- all_SAB %>%  
group_by(Tier_V2) %>%  
summarize(total_pop = sum(population_served_count.x))
```

```
all_SAB_summary <- all_SAB %>%  
group_by(tier_change) %>%  
summarize(total_pop = sum(population_served_count.x),  
          Total_Systems = n())
```

Here we can see how many systems have moved between tiers as well as entirely new systems:

```
##   Tier Changes System Number  
## 1    New Tier 1           783  
## 2    New Tier 2           326  
## 3    New Tier 3            64  
## 4          NULL        33214  
## 5 Tier 2a to 1          1086  
## 6 Tier 2b to 1           251  
## 7 Tier 2b to 2a        2694  
## 8 Tier 2b to 3        7108  
## 9   Tier 3 to 1           211  
## 10 Tier 3 to 2a          211  
## 11 Without Tier        3476
```