

Calculating System's Targets

1. If a System's performance is **above** the State's target and **above** State's performance, the system should **maintain** or **increase** its performance.

Sample Calculation:

Maintain or **increase** if System's performance is **above** the State's target and **above** State's performance.

State's Target = 65
State's Performance = 72
System's Performance = 80

System's Target is: 80 (*maintain or increase*)

2. If a System's performance is **above** the State's target and **below** the State's performance, the system should **increase** its performance by 10 **percent** of the **difference** between the System's performance and State's performance.

Sample Calculation:

Expected Increase = State's performance **minus** System's performance **multiplied** by 10 **percent**.

State's Target = 65
State's Performance = 72
System's Performance = 67

To calculate the System's new performance increase:

State's Performance (72) **minus** System's Performance (67) = 5
System's expected increase: 10% of 5 = 0.5

System's Target is: 67.5

System's Performance (67) + *expected increase* (0.5) = **67.5**

3. If a System's performance is **below** the State's target and **below** the State's performance, subtract the State's target from the System's performance and **divide** by **four**.

Sample Calculation:

Expected Increase = State's target **minus** the System's performance **divided** by **four**.

State's Target = 92
State's Performance = 92.42
System's Performance = 84.39

To calculate new system's performance increase:

State's target (92) **minus** System's performance (84.39) = 7.61 (*difference*)
 $7.61 \div 4 = 1.90$ *expected increase*

System's Target is: 86.29

System's performance (84.39) + *expected increase* (1.90) = **86.29**

4. If a System's performance is **below** the State's target and **above** the State's performance, the system should **maintain** or **increase** the System's performance.

Sample Calculation:

Maintain or **increase** if the System's performance is **below** the State's target and **above** State's performance.

State's Target = 60
State's Performance = 40
System's Performance = 55

System's Target is: 55 (*maintain or increase*)