



Targeting Enrollment Proportions and Identifying Gaps

Recruitment Goals

- Recruitment goals for minority participation need to be developed to gauge the success of recruitment strategies and to enable study personnel to know if and when the strategies need adaptation.
- Recruitment strategies should be crafted to specifically meet the recruitment goals. Multiple targeted strategies may be needed.

Identify Target Minority Therapeutic Clinical Trial Enrollment Proportions

- Ideally a cancer center's trial enrollment will reflect the proportions of racial and ethnic groups in its catchment area
 - Ideally cancer cases within catchment area

Accessing State Population Data For Comparison To Your Center's Enrollment

- Census for state population data
<http://www.census.gov/population/projections/state/stpjrace.txt>
- Search for your state's cancer case population.
 - Example: Minnesota
https://apps.health.state.mn.us/mndata/cancer_all#allcancer_byethnicity
https://apps.health.state.mn.us/mndata/cancer_all#allcancer_byage

Compare Your Cancer Center's Catchment Area To State

- Does your cancer center use a catchment area smaller or larger area than a state? If so, what are strategies for identifying ideal enrollment proportions for non-state catchment areas?
- Examples: Counties surrounding metro, neighboring states

Use The Gathered Information To Create Enrollment Targets

- Your targeted enrollment should be at a minimum the same proportion of racial and ethnic minorities as the proportion of cancer cases within your catchment area.

Learning Activities

**Identify A Hypothetical Cancer Center's
Minority Enrollment Targets**

**Identify Gaps Between Actual And
Target Enrollment**

**Monitor Accrual And Percent Of
Enrollment Target Over Time**

Identify A Hypothetical Cancer Center's Minority Enrollment Targets



If you haven't downloaded the worksheet, do so and determine the target enrollment for Whites and Native Hawaiians/Pacific Islanders using both state population data and state cancer cases.

Identify A Hypothetical Cancer Center's Minority Enrollment Targets

Race/Ethnicity	Population Based Target (%)	Cancer Case Based Target (%)	Actual (%)	Gap (%) Population Based	Gap (%) Cancer Case Based
White	24.28	9			
Native Hawaiian/ Pacific Islander	9.37	11.4			

Input Targets

Identify Gaps Between Actual And Target Enrollment

- Your trial has currently enrolled 736 subjects.
- 38 are Native Hawaiian/Pacific Islander and 271 are white.
- Compute the actual enrollment and identify the gaps.

Identify Gaps Between Actual And Target Enrollment

Race/Ethnicity	Population Based Target (%)	Cancer Case Based Target (%)	Actual (%)	Gap (%) Population Based	Gap (%) Cancer Case Based
White	24.28	9	36.73 (=271/726)		
Native Hawaiian/ Pacific Islander	9.37	11.4	5.16 (=38/736)		

Compute Actual Representation

Identify Gaps Between Actual And Target Enrollment

Race/Ethnicity	Population Based Target (%)	Cancer Case Based Target (%)	Actual (%)	Gap (%) Population Based	Gap (%) Cancer Case Based
White	24.28	9	36.73 (=271/726)	None, over represented	None, over represented
Native Hawaiian/ Pacific Islander	9.37	11.4	5.16 (=38/736)	44.93% gap 55.07% of target	54.75% gap 45.26% of target

! Notice, using a population based target results in a smaller enrollment gap, but is a less accurate representation of potential trial enrollees.

Compare Actual and Target Enrollment

Identify Gaps Between Actual And Target Enrollment

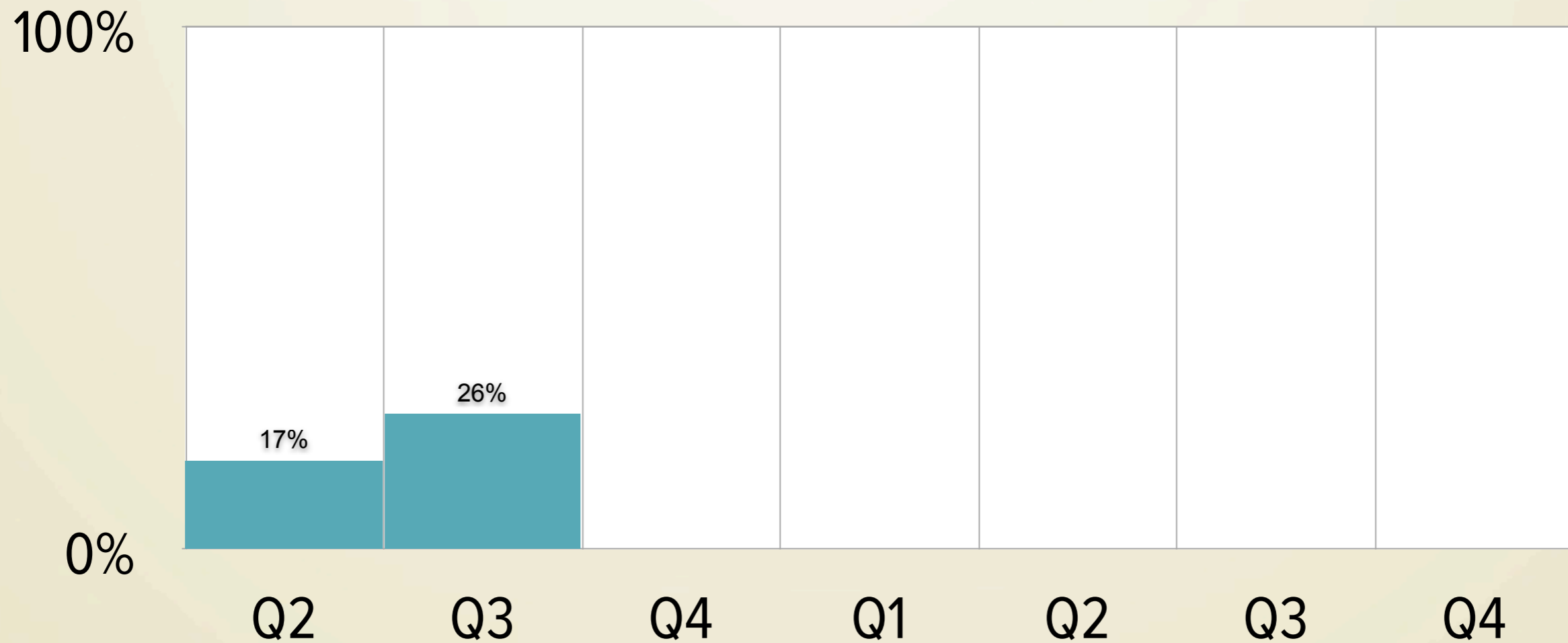
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Identify Enrollment Gaps!

Monitor Accrual And Percent Of Enrollment Target Over Time

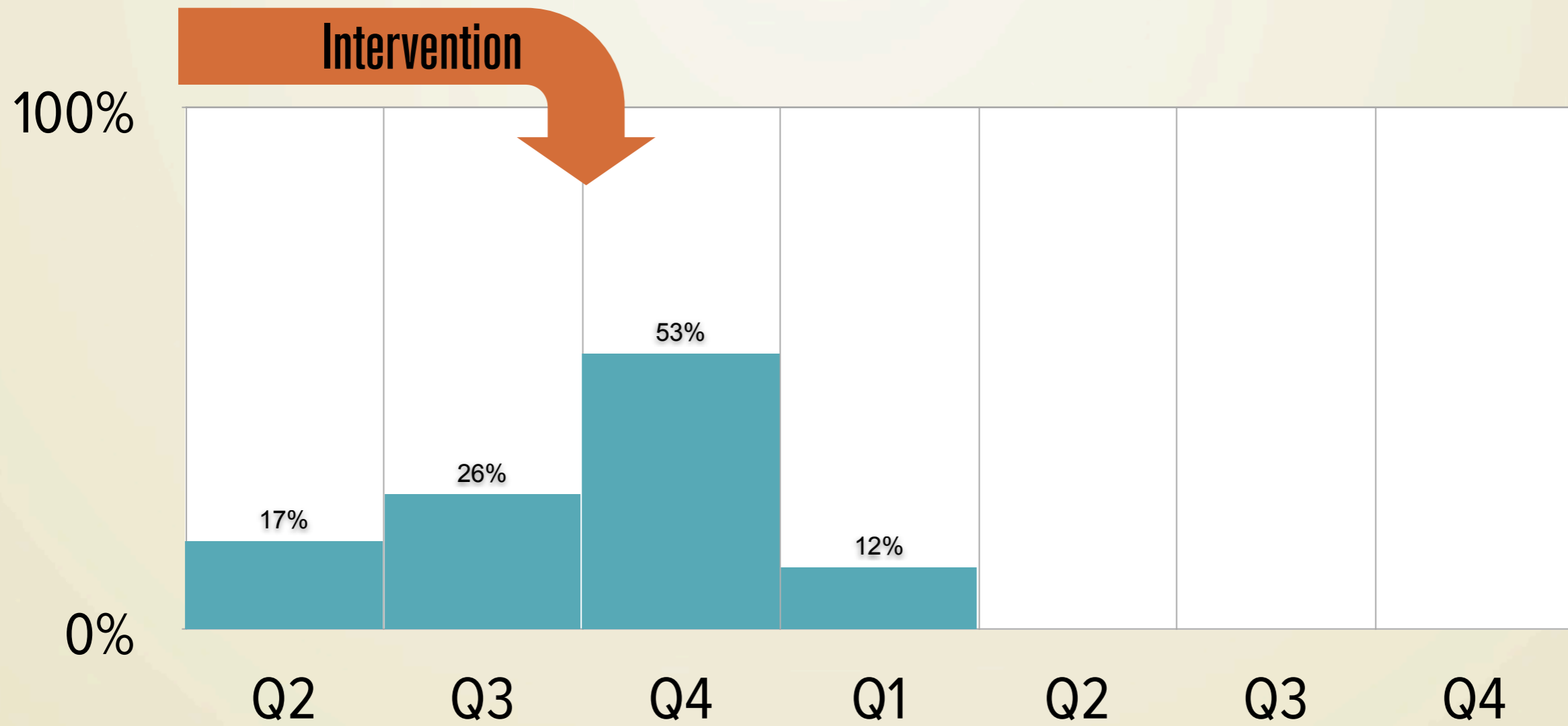
- Create a baseline of where the cancer center currently stands.
- Track how close you are to your targeted goal. What is that percentage?
- Recalculate your enrollment again every 6-12 months. Are you closer to your goal?

Monitor Accrual And Percent Of Enrollment Target Over Time



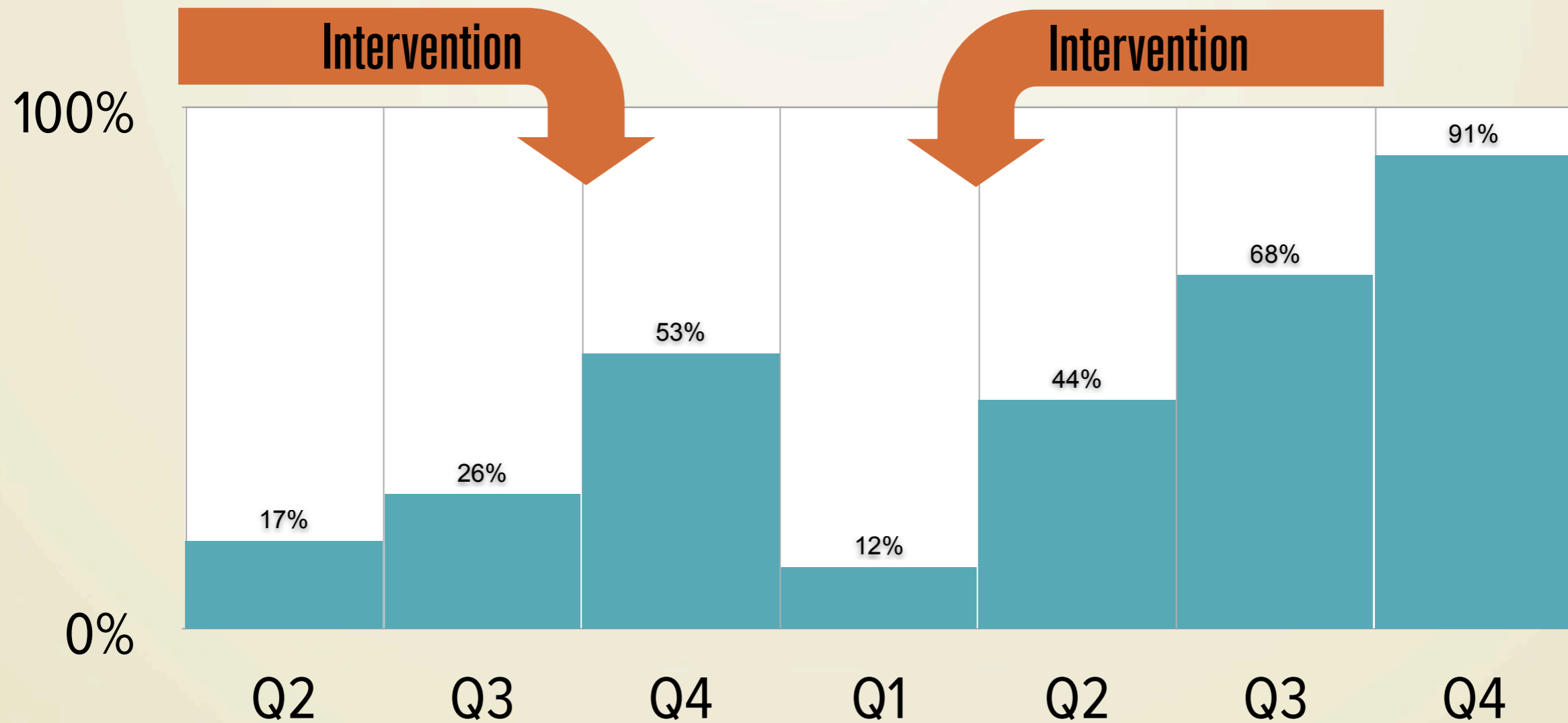
Track Progress

Monitor Accrual And Percent Of Enrollment Target Over Time



Apply Intervention

Monitor Accrual And Percent Of Enrollment Target Over Time



Reassess and Apply Intervention if needed

Identify Gaps Between Actual And Target Enrollment

Now that you have your targeted enrollment, compare the current proportions of racial and ethnic minorities enrolled in your trials.

Have you met your target?

If you haven't met your target, where are the gaps?

Great!

- For African Americans, Hispanic Whites, and/or other racial and ethnic groups?
- In certain age groups?
- For certain cancer sites?

Summary

- Ideally a cancer center's enrollment of racial and ethnic minority patients will be representative of those populations in its catchment area
- It is essential to identify goals for minority recruitment and track progress toward those goals