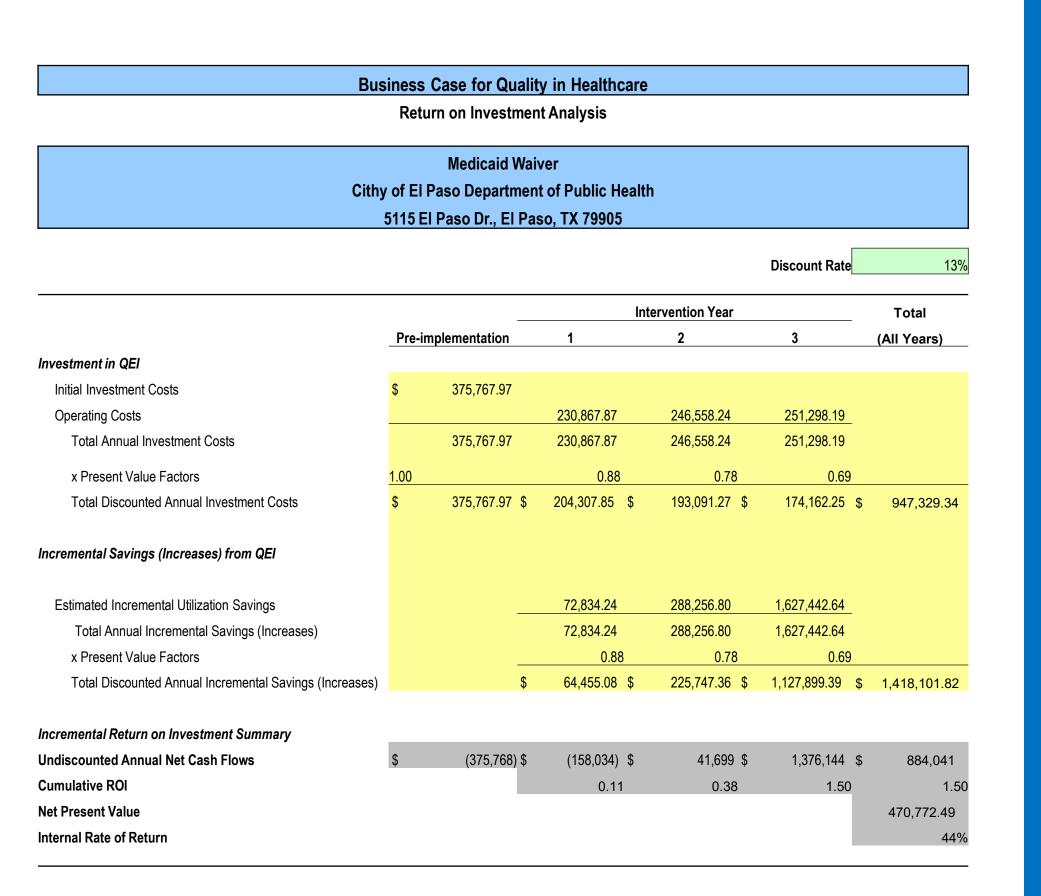
Return on Investment Calculator to Assess Cancer Screening Measures of a Border Health Initiative

Claudia Lozano, MPH, CHES Elizabeth Cereceres, BA

INTRO:

A retrospective analysis using a return on investment calculator tool integrates itemized costs of implementing a breast cancer awareness and coordinated care intervention. The analysis calculates the net financial gains or losses of a strategy by taking into account all the resources invested and all the financial amounts gained through increased revenue and reduced costs.



Health department's coordinated care and patient navigation services for mammography is cost-effective as well as creates a positive influence on patient experience, improves access and quality of care for the El Paso Border Region.



Mammogram Women 50-74 years old

Pap Smear Women 21-64 years old

Colorectal Cancer Screening

Vacunas para niños de 0-18 años

Servicios para Detección de Cáncer

Mujeres de 50-74 años

Mujeres de 21-64 años

Prueba de Cáncer de Colon

Papanicolaou

con Medicaid o sin aseguranza

Men and women 50-75 years old

Adultos mayores de 19 años con Medicaid

Hombres y Mujeres de 50-75 años







Take a picture to download the tool

METHODS:

- 1. The timeline for retrospective costs and savings analysis begins with baseline year from October to September 2016 and intervention years from 2017-2018.
- 2. Costs include the following:
 - associated overhead needs
 - staff/labor
 - supplies and equipment
 - mammography services
- 3. Savings/benefits of the intervention include:
 - reduced utilization of healthcare services and improved health outcome
- 4. Total participants reached 602
 - ages 50-74
 - predominantly Hispanic (88%)
 - low-income uninsured (70%)
 - Medicaid/Medicare (30%)

RESULTS:

Positive ROI results for each intervention year. Year 1 = .11, Year 2 = .38, Year 3 = 1.50 Internal Rate of Return 44% = NPV \$470,772 Total savings \$1.4M

Optimistically, this will strengthen advocacy for local health departments as an integral healthcare provider for managed care organizations.

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