The Roadmap to Defining Cost Benefit Ratio for Flour Fortification

Public Health Analysis

Market Analysis

Public Health Analysis

Financial Analysis

Baseline Losses		Coverage		Effective		Benefits (Saved Losses)		Cost		Benefit Cost Ratio
Day 1	X	Day 2	X	Day 3	=	Day 4 Present	/	Day 4	=	Day 5 Present
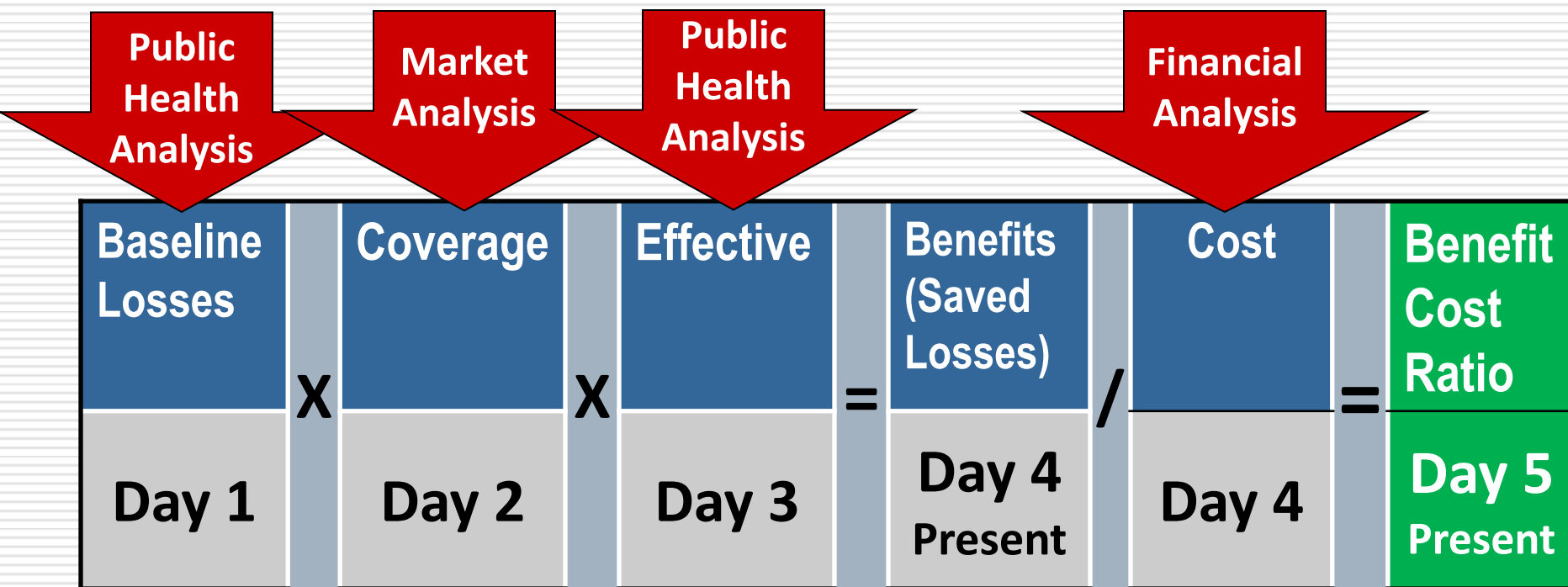
Session 2: Consumption & Coverage Estimates 1st Orange Cell

	A	B	C	D	E	F
1	**Assumptions & Objectives**		**Source**			
2	Per Capita Consumption in kg/yr among consum	35.3				
3	Current Percent Population Consuming Flour	50%				
4	Growth Population Rate	2.5%				
5	Growth in #/Population of Consumers	1.00%				
6	Growth in Average per Person Flour Consumptic	3%				
7						
8		**Population**	**Consumption kg/yr**	**Flour Consumers**	**% Fortified**	**Target/Scale Fortified Production MT/yr**
9	2014	13,300,410	35	50.0%	80%	187,802
10	2015	13,634,250	36	50.5%	80%	200,274
11	2016	13,976,470	37	51.0%	85%	226,923
12	2017	14,327,279	39	51.5%	85%	241,993
13	2018	14,686,894	40	52.0%	90%	273,245
14	2019	15,055,535	41	52.6%	90%	291,391
15	2020	15,433,429	42	53.1%	93%	321,101
16	2021	15,820,808	43	53.6%	93%	342,426
17	2022	16,217,910	45	54.1%	95%	373,020
18	2023	16,624,980	46	54.7%	95%	397,793
19						
20						

Parameters For Projecting Cost & Effectiveness

	Population	Estimated Consumers	Average Consumed	Target Fortified	Fortified Production
Summary 10 Yr Projections for Coverage & Consumption					
	#	%	kg/yr	%	MT/yr
2014	**X**	**XA%**	**Y kg/yr**	**Z%**	**(X*XA%*Y/1000*Z%)**
2015					
2016					
2017					
2018					
2019					
2020					
2021					
2022					
2023					

 # Consumers   **Dose & Cost**   **Reality Check**   **90-95% Cost**
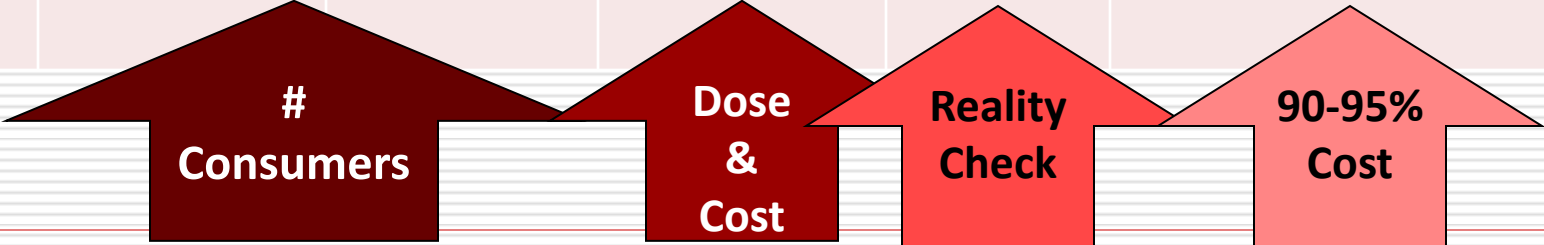
National Roadmap to Defining Cost Benefit Ratio

Baseline Losses (Status Quo)		Coverage		Effective		Benefits (Saved Losses)		Cost		Benefit Cost Ratio
$/yr	X	%	X	%	=	$/yr	/	$/yr	=	#