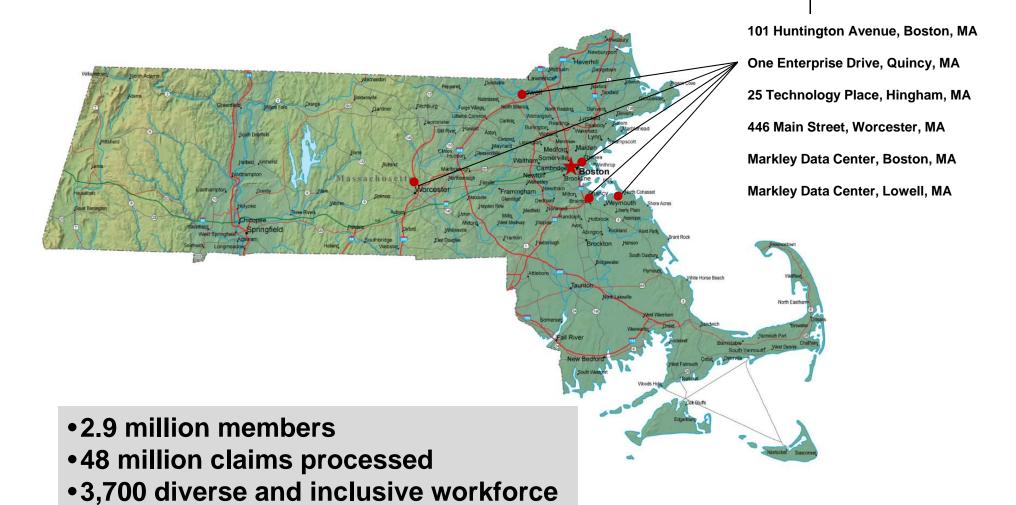




Materials Contributing to Solid Waste: Packaging, Furniture and C&D Waste

April 25, 2018





## Why Zero Waste?

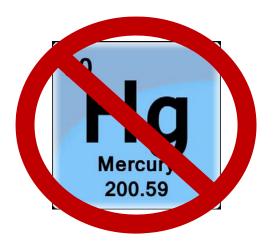


**Ubiquitous exposure** Children and developing babies most vulnerable Birth defects and low birth weight Air pollution



## Mercury Elimination





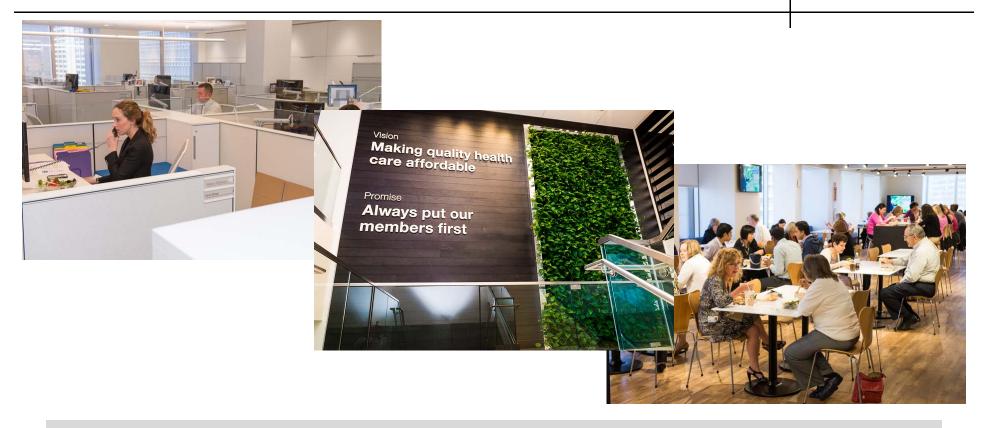




# The Health Care Sector Helps Drive Transformational Change

## BCBSMA Aspires Towards Zero Waste





The goal is to reuse, recycle, and / or divert all non-hazardous waste

# Strategies











#### Thank You



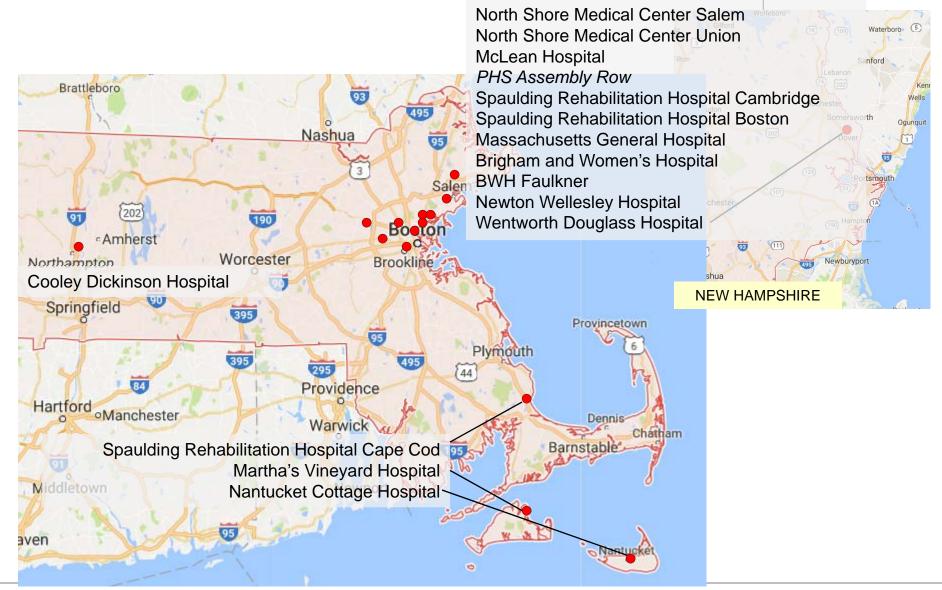
Monica L. Nakielski
Director, Sustainability and Environmental Health
Blue Cross Blue Shield of Massachusetts
monica.nakielski@bcbsmsa.com
(617) 246-4320

#### Partners HealthCare

Successes and lessons learned

#### Partners HealthCare





## Healthier Hospitals Initiative







Objective	Impact
Track disposal of solid waste, regulated medical waste, recycling and hazardous waste.	Identify opportunities to reduce the amount of waste generated and resulting pollution.
Reduce regulated medical waste to less than 10 percent of total waste or less than eight tons per operating room per year.	Lower the risk of needle sticks and infection; decrease disposal costs.
Achieve a 15 percent recycling rate	Reduce waste generation and resulting pollution
Achieve an 80 percent recycle and diversion rate for major renovations and new construction	Reduces of amount of construction waste that is incinerated or sent to landfills

# Packaging

Reducing OR Waste

#### Construction & Debris

Spaulding Rehabilitation Hospital Cambridge

# Circular Economy

#### Corporate Office at Assembly Row





#### Vendor Outreach & Education



## Process Development



C=4	lten 🔻	Manufactur	Product	Q	tuantity 🔻	lma (for refere		<b>~</b>	Size	Hei	9 🕶	FRFF	REE 🔻	FORMALDEHTDE	PFCx 🔻	PTC	•	Product Heatr H	Praduct Unit Cart	Extended (\$)
AC-1	Coat Rack - Option 1	All Madern	HatCoatStand		13				12*W×12*D	68.	1°H							0	\$ 58.95	\$ 766.
CL-6A	Laungo Chair	_	rand	Product Description		Units (if	Antimicr	FR Fre	26 5*W × 24 5*D		SH, AH. PVC	Product Meets	t			Exception	ons	75	430,52	\$ 2,583.
		{enter pro	oduct name}	Number	Finishes	applicab e)	obials		hyde			нні?	11?							
CL-6B	Launge Chair	Brand A	Brandy BU2998		*		Y	Y	Y	Y	Y	100		ndergoing Greenguard re are responsible for the s				75	430.52	II
		Brand C					Υ	Υ	Υ	Υ	Υ	100	Antimicrob	Y ials added to materials o	Y products for the sole p	Y urpose of preserving	g the pr	oduct are exe	npt from this goal - HH G	uideline V2.2
ST-2	Steel	Brand D Brand E	Flex Bar Staul		221		Y	Y	Y	Υ Υ	Y Y	100	customer. To avoid P	Avoid fabrics with BioAM VC in tables, order the 74	Antimicrobial, Crypton, Pedging or self-edging.	, Materials, and Nan	оТех ар	plications		\$
	Café Chair	Brand F Brand G					Y	Y	Y	Y	Y	100		eria unless specified with odel N22HMAB. Meets o	, , ,					option.
CS-7		Brand H	Smile \$10925		12		Υ	Υ	Υ	γ	Υ	100	CAL133 op	ust be ordered with SitC tion.	Y	Y				•
CS-5A	Café Chair	Brand I Brand J	Catifa 46 Chair		61		Y	Y	Y	Y	Y Y	100	finishes su No vinyl te	ch as vinyl and stain guar extiles, no flame retardant	specifications.				no upholstered arm cap	· .
		Brand K Brand L					Y	Y	Y	Y	Y	100		stiles, no fla <b>ri</b> e retardant				oial textiles		
CS-5B	Café Chair	Brand M Brand N Arper Brand O	Catifa 46 Chair		48	FR	Y	Y	Y	Y Y Y	Y Y Y	100 100 100	No veneer	xtiles, no veneer, no flam or no cushioned storage aminate, marker board,		CAL 133, No soil reta	ardant c	or antimicrobia	l textiles	
						7						100	All of OFS I	srands product offerings affer multiple material op	can be specified to meet	the Healthy Interior	rs goal icals an	version 2.0 of to d materials ca	he Safer Chemicals Chall be avoided through car	enge. Most product eful customer
50-1A	Safa	Brand P Brand Q	Zinta Laungo; ART.4404; 3-soat cwhiens * 3-back cwhiens		2		Y	Y	Y	Y	Y	100		are responsible for their		- Late of the second section	N. C	75	and the Education of	\$
		Brand R	curion					v		v	v	100	Avoid spec Vinyl upho	are responsible for their fying a curved work surf stery must be avoided. V high-performance textiles	ce, as these tan require nyl upholstery, some po	PVC. Y	^L Syste	ilis Worksurfa	es with Edgeband.	
						v	ν	,	v	ν	100	All compar Own Mate	ny furniture that is Indoor rial (COM) fabric content anes, and most high-perfo	Advantage Gold certifie To avoid PVC, order any	flat edge work surf					
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												100	Company f	furniture that is Indoor Ac PFC-free fabrics are availa	dvantageTM Gold certifie	ed qualifies. Custome abrics are available.	ers are Custon			
		Brand U Brand V					Y	N	Y	Y	Y N	60	uphoistery	, polyurethanes, and som	ne nign-performance text	tiles must be avoide	ed.			

# Thank you

Sarah Fackler
Sustainable Initiatives
Partners HealthCare
sfackler@partners.org
(857) 282-2317