

# **Andover Public Schools**

**Stocking Nasal Narcan in Schools?  
Why it Makes Sense...**

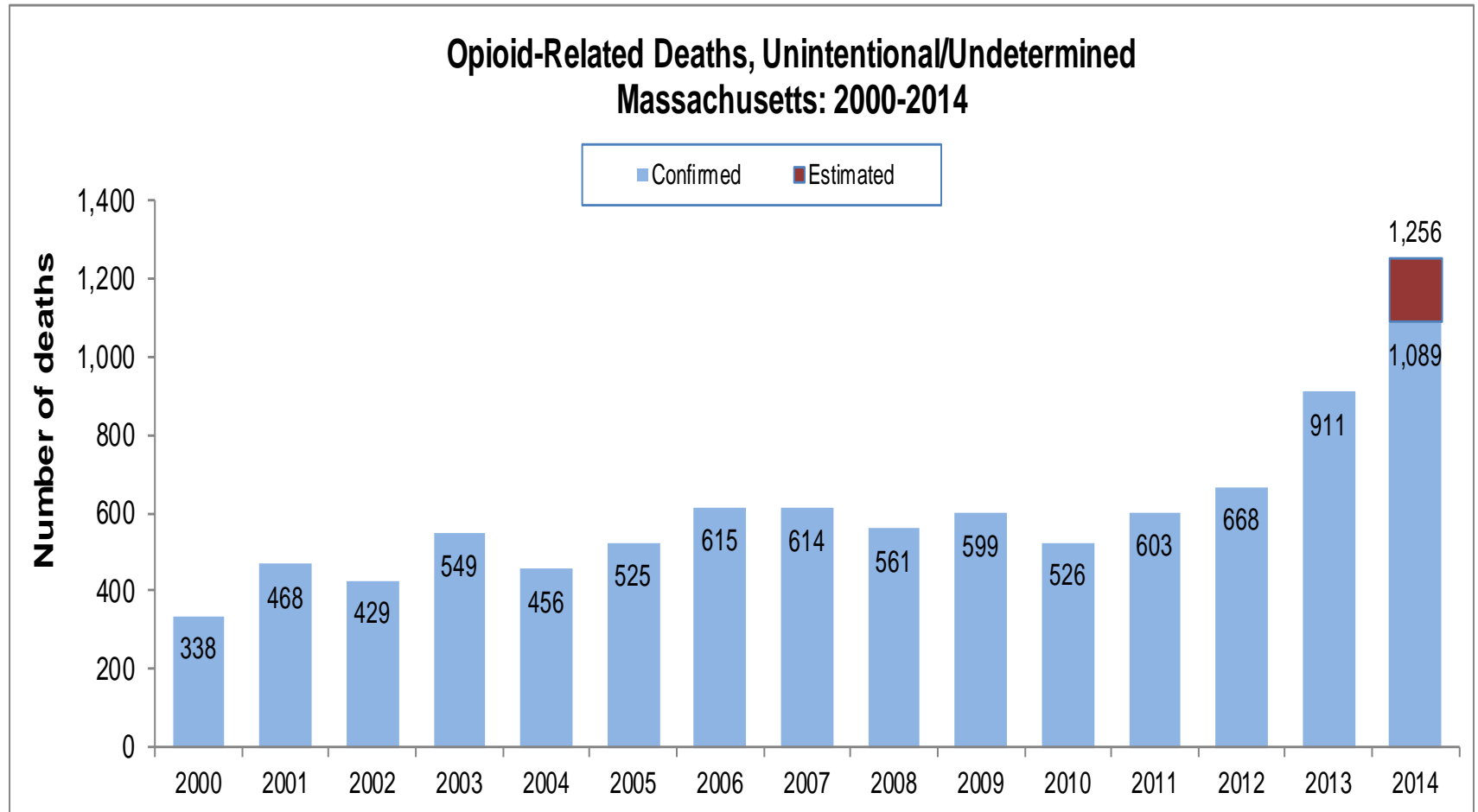
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# Opiate Related Deaths per year in Essex County MA

County	Year of Death															Total 2000- 2014
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
Barnstable	12	17	17	14	16	17	19	29	21	20	19	15	22	40	51	329
Berkshire	2	3	0	2	3	9	1	8	3	8	3	6	15	21	25	109
Bristol	37	56	60	80	67	75	79	61	78	66	74	76	92	111	139	1,151
Dukes	1	0	1	0	0	2	0	3	1	1	0	0	0	1	5	15
Essex	41	58	44	74	61	73	83	85	52	69	48	54	85	111	193	1,132
Franklin	5	2	1	5	3	4	6	4	2	2	4	6	8	9	11	72
Hampden	30	36	34	44	26	33	42	38	43	45	46	42	51	68	59	637
Hampshire	5	5	4	10	8	2	9	12	10	9	10	9	10	28	23	154
Middlesex	56	76	77	102	96	109	106	101	104	113	90	118	106	142	257	1,653
Nantucket	0	0	0	0	0	0	0	1	0	1	1	0	0	1	N/A <sup>4</sup>	N/A <sup>4</sup>
Norfolk	24	39	34	36	37	49	46	53	67	64	55	59	65	79	116	823
Plymouth	22	24	27	42	24	35	47	49	45	46	39	60	54	83	104	701
Suffolk	44	79	75	93	73	62	106	101	67	91	60	79	82	105	135	1,252
Worcester	59	73	55	47	42	55	71	69	68	64	77	79	78	112	137	1,086
<b>TOTAL DEATHS</b>	<b>338</b>	<b>468</b>	<b>429</b>	<b>549</b>	<b>456</b>	<b>525</b>	<b>615</b>	<b>614</b>	<b>561</b>	<b>599</b>	<b>526</b>	<b>603</b>	<b>668</b>	<b>911</b>	<b>1,256</b>	<b>9,118</b>

Source: Registry of Vital Records and Statistics, MDPH

# Opiate crisis in Massachusetts



Source: Registry of Vital Records and Statistics, MDPH

# Town Of Andover MA

Source: Andover Police Department

	Number of Overdoses	Number of Deaths	Age of overdose patient	Age of deceased	Number of Narcan doses given
2014	20	2	18 – 55 yrs.	20 - 30 yrs.	11
2015	79	9	17 – 67 yrs.	19 – 58 yrs.	27 (17yrs. and under = 2)

# Opiates

- Chemicals derived from the opium poppy or synthetically manufactured
- Depressants – slow down the central nervous system
- Reduce consciousness, decrease breathing, induce euphoria, and generally create a feeling of warmth, contentment, drowsiness.
- Relieve stress and discomfort
- Cause slow heart rate, constipation and natural drive to breathe

# What is Nasal Narcan (Naloxone)

- Non addictive
- Used to immediately resume slowed or absent breathing
- Reverses the effect of an opiate overdose. Opiates reduce consciousness and decrease breathing (opiate use only)
- First Responder/Emergency medication
- Simple to use – intranasal

# Intranasal Narcan Kit



# Factors to Consider

Recent HS survey – 3 students out of 250 responses – admitted to opiate use

Administer by first responders – EMT's, police, fire and nurses

Standing orders – similar to that of Epinephrine

Cost – approx. \$30 per dose (Epi – approx. \$85 per dose)

Simple to administer – all nurses have completed the training.

Effect immediate – up to 8 minutes

70 schools in MA already have orders

Use for visitors, staff and students



# Questions:

- “We should resolve now that the health of this nation is a national concern; that financial barriers in the way of attaining health shall be removed; that the health of all it's citizens deserves the help of all the nation.”
- — [Harry S. Truman](#)