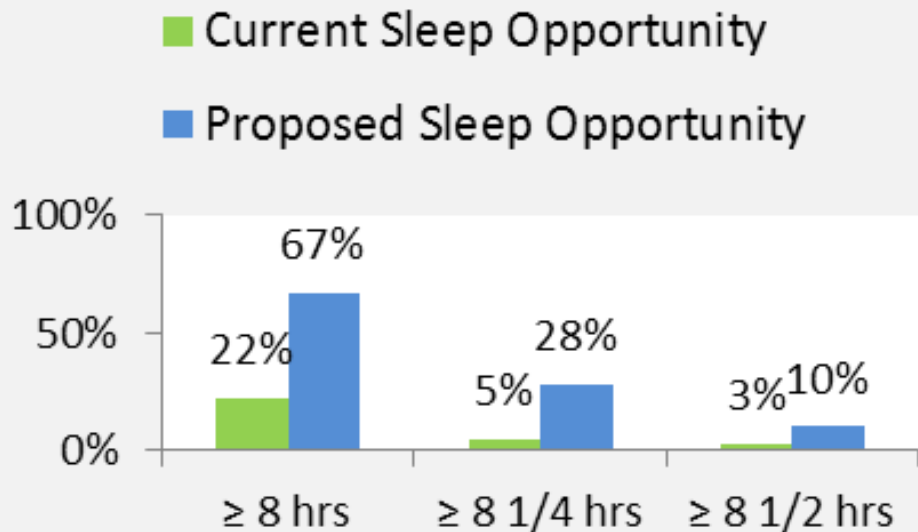


# Shift all Schools 20 Minutes Later

## Current

## Potential

|                           |                 |                       |
|---------------------------|-----------------|-----------------------|
| 8:25 a.m. - 3:00 p.m.     | Elementary      | 8:45 a.m. - 3:20 p.m. |
| 8:00 a.m. - 2:30 p.m.     | Oak Hill Middle | 8:20 a.m. - 2:50 p.m. |
| 8:05 a.m. - 2:35 p.m.     | Day Middle      | 8:25 a.m. - 2:55 p.m. |
| 8:15 a.m. - 2:45 p.m.     | Bigelow Middle  | 8:35 a.m. - 3:05 p.m. |
| 8:30 a.m. - 3:00 p.m.     | Brown Middle    | 8:50 a.m. - 3:20 p.m. |
| 7:40 a.m. - 3:20 (latest) | Newton South    | 8:00 a.m. - 3:15 p.m. |
| 7:50 a.m. - 3:20 (latest) | Newton North    | 8:10 a.m. - 3:25 p.m. |



## Impact

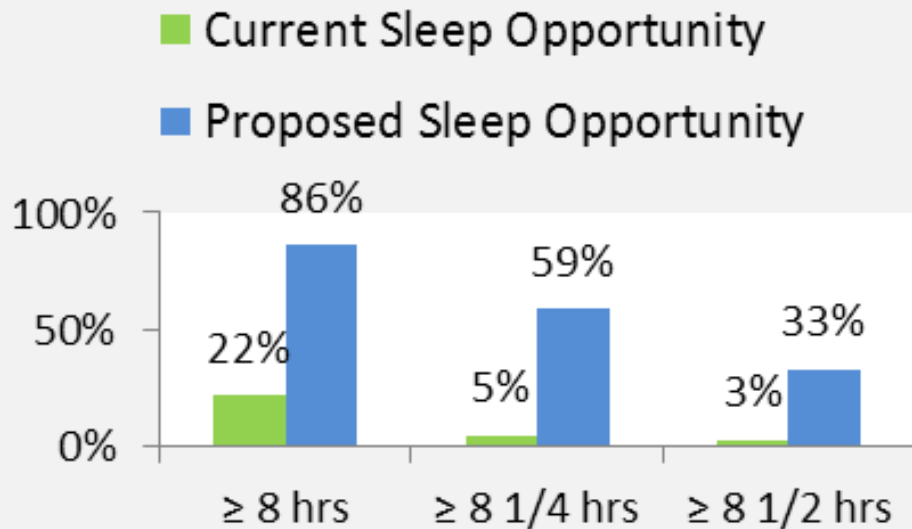
- No additional bus costs
- Assumes that NPS implements consistent HS end times
- Before school care needs change
- Earliest feasibility: Sept. 2017

# 8:30 a.m. High School Start

## Current

## Potential

| Current                   | Elementary      | Potential             |
|---------------------------|-----------------|-----------------------|
| 8:25 a.m. - 3:00 p.m.     | Elementary      | 8:25 a.m. - 3:00 p.m. |
| 8:00 a.m. - 2:30 p.m.     | Oak Hill Middle | 8:00 a.m. - 2:30 p.m. |
| 8:05 a.m. - 2:35 p.m.     | Day Middle      | 8:05 a.m. - 2:35 p.m. |
| 8:15 a.m. - 2:45 p.m.     | Bigelow Middle  | 8:15 a.m. - 2:45 p.m. |
| 8:30 a.m. - 3:00 p.m.     | Brown Middle    | 8:00 a.m. - 2:30 p.m. |
| 7:40 a.m. - 3:20 (latest) | Newton South    | 8:30 a.m. - 3:45 p.m. |
| 7:50 a.m. - 3:20 (latest) | Newton North    | 8:30 a.m. - 3:45 p.m. |



## Impact

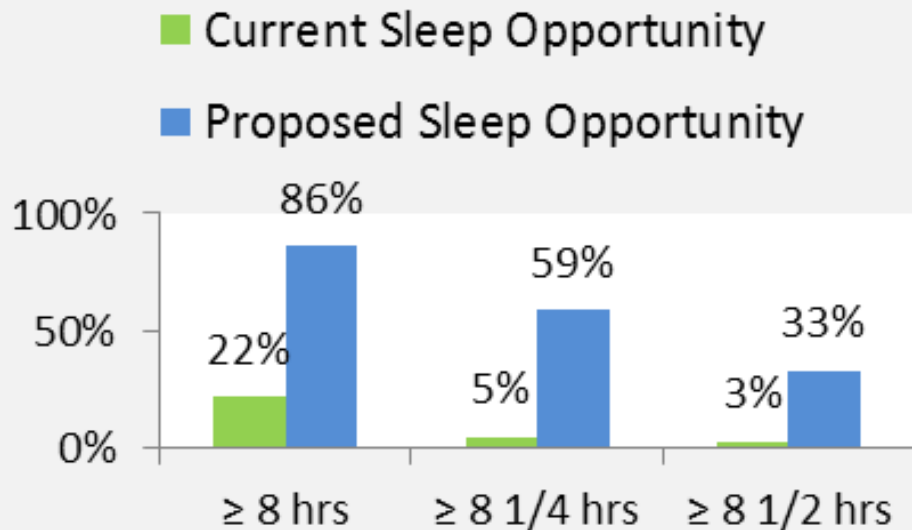
- Required minimum bus cost increase: \$700k/yr
- Assumes that NPS implements consistent HS end times
- Earliest feasibility: Sept. 2017

# Switch Elementary/High School Starts

## Current

## Potential

| Current                   | Elementary      | Potential             |
|---------------------------|-----------------|-----------------------|
| 8:25 a.m. - 3:00 p.m.     | Elementary      | 7:45 a.m. - 2:15 p.m. |
| 8:00 a.m. - 2:30 p.m.     | Oak Hill Middle | 8:00 a.m. - 2:30 p.m. |
| 8:05 a.m. - 2:35 p.m.     | Day Middle      | 8:05 a.m. - 2:35 p.m. |
| 8:15 a.m. - 2:45 p.m.     | Bigelow Middle  | 8:15 a.m. - 2:45 p.m. |
| 8:30 a.m. - 3:00 p.m.     | Brown Middle    | 8:30 a.m. - 3:00 p.m. |
| 7:40 a.m. - 3:20 (latest) | Newton South    | 8:30 a.m. - 3:45 p.m. |
| 7:50 a.m. - 3:20 (latest) | Newton North    | 8:30 a.m. - 3:45 p.m. |



## Impact

- Required minimum bus cost increase: \$325k/yr
- Assumes that NPS implements consistent HS end times
- Early bus pick up for K-5
- After/before school care needs change
- Earliest feasibility: Sept. 2017

# Switch Elementary/High School Starts & Shift

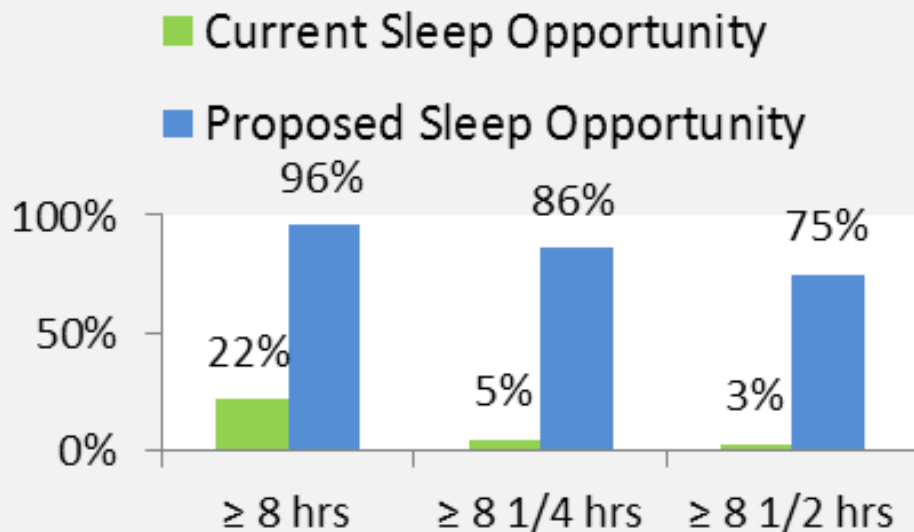
## Current

8:25 a.m. - 3:00 p.m.  
 8:00 a.m. - 2:30 p.m.  
 8:05 a.m. - 2:35 p.m.  
 8:15 a.m. - 2:45 p.m.  
 8:30 a.m. - 3:00 p.m.  
 7:40 a.m. - 3:20 (latest)  
 7:50 a.m. - 3:20 (latest)



## Potential

8:05 a.m. - 2:35 p.m.  
 8:20 a.m. - 2:50 p.m.  
 8:25 a.m. - 2:55 p.m.  
 8:35 a.m. - 3:05 p.m.  
 8:50 a.m. - 3:20 p.m.  
 8:50 a.m. - 4:05 p.m.  
 8:50 a.m. - 4:05 p.m.



## Impact

- Required minimum bus cost increase: \$325k/yr
- Assumes that NPS implements consistent HS end times
- 4:05 HS end time NOT recommended
- *\*solution: add days to school year\**
- Early bus pick up for K-5
- After/before school care needs change
- Earliest feasibility: Sept. 2018

# 9:00 a.m. High School Start

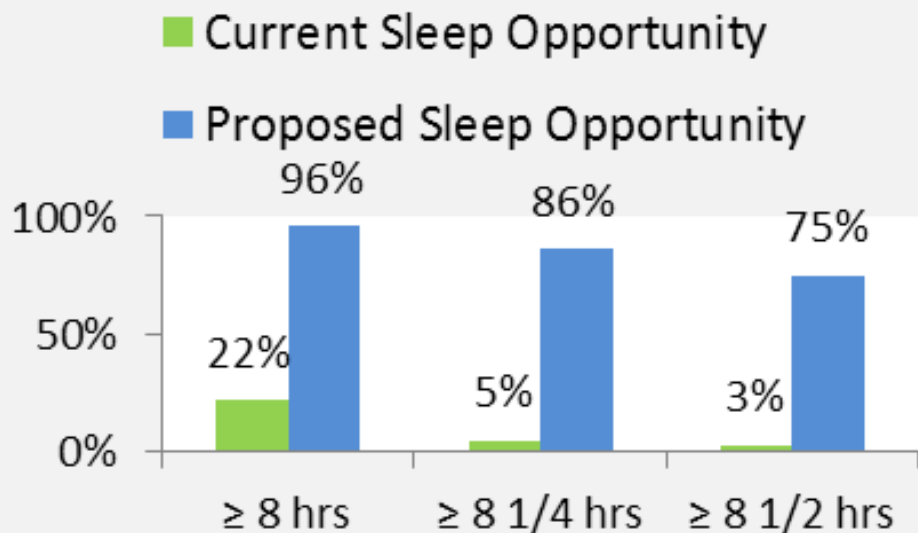
## Current

8:25 a.m. - 3:00 p.m.  
 8:00 a.m. - 2:30 p.m.  
 8:05 a.m. - 2:35 p.m.  
 8:15 a.m. - 2:45 p.m.  
 8:30 a.m. - 3:00 p.m.  
 7:40 a.m. - 3:20 (latest)  
 7:50 a.m. - 3:20 (latest)



## Potential

8:25 a.m. - 3:00 p.m.  
 8:00 a.m. - 2:30 p.m.  
 8:05 a.m. - 2:35 p.m.  
 8:15 a.m. - 2:45 p.m.  
 8:30 a.m. - 3:00 p.m.  
 9:00 a.m. - 4:15 p.m.  
 9:00 a.m. - 4:15 p.m.



## Impact

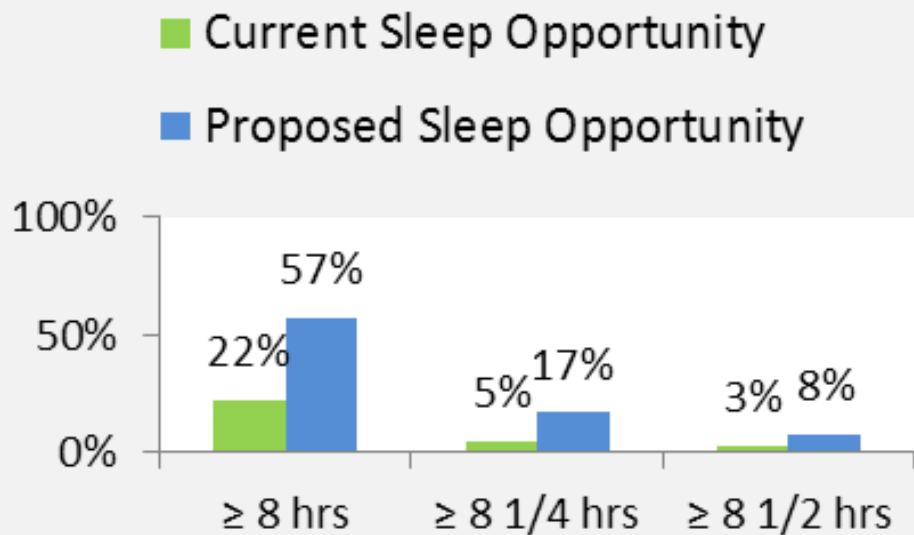
- No additional bus cost
- Potential for increased staff costs
- Assumes that NPS implements consistent HS end times
- 4:15 HS end time NOT recommended
- *\*solution: add days to school year\**
- Earliest feasibility: Sept. 2018

# 8:00 a.m. High School Start

## Current

## Potential







| Current                   | Elementary      | Potential                 |
|---------------------------|-----------------|---------------------------|
| 8:25 a.m. - 3:00 p.m.     | Elementary      | 8:25 a.m. - 3:00 p.m.     |
| 8:00 a.m. - 2:30 p.m.     | Oak Hill Middle | 8:00 a.m. - 2:30 p.m.     |
| 8:05 a.m. - 2:35 p.m.     | Day Middle      | 8:05 a.m. - 2:35 p.m.     |
| 8:15 a.m. - 2:45 p.m.     | Bigelow Middle  | 8:15 a.m. - 2:45 p.m.     |
| 8:30 a.m. - 3:00 p.m.     | Brown Middle    | 8:30 a.m. - 3:00 p.m.     |
| 7:40 a.m. - 3:20 (latest) | Newton South    | 8:00 a.m. - 3:40 (latest) |
| 7:50 a.m. - 3:20 (latest) | Newton North    | 8:00 a.m. - 3:30 (latest) |



## Impact

- Required minimum bus cost increase: \$570k/yr
- Earliest feasibility: Sept. 2017

# Quick Comparison of Benefits and Impacts

| SCENARIO |                   | Sleep Benefits  | OTHER IMPACTS |                   |                      |                 |       | Earliest Timing |      |
|----------|-------------------|---|---------------|-------------------|----------------------|-----------------|-------|-----------------|------|
|          |                   |   | FY17 Cost     | HS Daily Schedule | Afternoon Activities | School Calendar | K-5   |                 | 6-8  |
| A        | SHIFT ALL         |    | -             | ●                 | ●                    | -               | ●     | ●               | 2017 |
| B        | 8:30 HS START     |    | ● ● ●         | ●                 | ●                    | -               | -     | ●               | 2017 |
| C        | SWITCH HS & K5    |    | ●             | ●                 | ●                    | -               | ● ● ● | -               | 2017 |
| A & C    | SWITCH & SHIFT    |    | ●             | ●                 | ● ●                  | ● ●             | ● ●   | ●               | 2018 |
| D        | HS starts at 9:00 |  | -             | ●                 | ● ● ●                | ● ● ●           | -     | -               | 2018 |
| E        | HS starts at 8:00 |  | ● ●           | ●                 | ●                    | -               | -     | -               | 2017 |

Minimum ● Medium ●● or Highest ●●● Impact

Visit [www.newton.k12.ma.us](http://www.newton.k12.ma.us) to download the full report from the  
Newton Public Schools High School Working Group