



# Fiscal Years 2015 – 2019

## Five Year Capital Plan Overview

September 29, 2015



# OVERVIEW OF CURRENT PHYSICAL INVENTORY

- 1,400 buildings
- 1,700 schools
- Over 130 million square feet
- Average building age of DOE buildings is 60 years
- Approximately 200 school buildings are 100 years old or older
- 1.1 million children

# FIVE YEAR CAPITAL PLAN STRUCTURE AND AMENDMENTS

## Structure of Current Plan

- Capacity Program
- Capital Investments
- Mandated Programs

## Annual Amendments

- Building inspections
- Cost estimates
- Demographic changes
- Schedule changes
- New Mandates

# FY 2015-2019 Capital Plan and Adopted Spring 2015 Amendment

- FY 2015-2019 Capital Plan: \$12.8 billion
- Adopted Spring 2015 Amendment: \$13.5 billion
  - > Increase of \$700 million:
    - City Council and Borough Presidents appropriation
    - Additional funding for Sandy projects
    - Rollover funding for boiler conversions

# Adopted Spring 2015 Amendment Highlights

- Includes \$783 million from Smart Schools Bond Act to potentially fund enhanced Technology, expansion of Pre-Kindergarten seat creation, and removal of Transportable Classroom Units.
  - *Funding subject to New York State Smart Schools Review Board approval*
- \$520mm for the creation of new Pre-Kindergarten seats
- Funds the removal of all Transportable Classroom Units
- Ensures that all middle school students have access to science facilities
- \$100 million allocated for student bathroom upgrades

# Adopted Spring 2015 Amendment Funding

Capacity Program \$4.8 billion

Capital Investments \$5.0 billion

Mandated Programs \$3.7 billion

**Total \$13.5 billion**

# Capacity Program - \$4.8B

New Capacity \$3.45 billion

- Creation of approximately 33,000 seats

Pre-Kindergarten Initiative \$520 million

- Creation of over 6,800 new Pre-Kindergarten seats

Class Size Reduction \$490 million

- Creation of approximately 4,900 seats

Facility Replacement \$350 million

- 70 leases expiring in the 6<sup>th</sup> Plan

# New Capacity

- Need determined by
  - > Existing enrollment, capacity, utilization
  - > Demographic projections
  - > Incorporation of new housing data
- Initiating Capacity Projects
  - > New: Finding appropriate real estate
  - > Leased Buildings
  - > Additions: Issues related to main buildings
  - > Remediation issues



# New Capacity Program

**Proposed Funding:**                      **32,629 seats**

- The program includes an estimated 63 buildings:
  - > 58 PS or IS school buildings: 28,676 seats
    - Bronx
    - Brooklyn
    - Manhattan
    - Queens
    - Staten Island
  - > Four IS/HS school buildings: 3,147 seats
  - > One large 806 seat school building with PS or PS and IS grades will be funded for design in this plan and construction in the next plan.
- Keeps seat creation approximately the same as the previous plan

# New Capacity by District

District	Total November 2013 Identified Need	Spring 2015 Funded Need	Additional Need (Unfunded)
2	3,232	3,190	42
3	692	692	0
7	456	456	0
8	456	456	0
10	2,648	2,192	456
11	640	640	0
12	912	912	0
13	1,090	1,090	0
14	991	991	0
15	4,346	2,192	2,154
20	7,374	4,045	3,329
21	912	912	0
22	456	456	0
24	8,470	4,045	4,425
25	2,271	1,397	874
26	1,108	924	184
27	1,736	972	764
28	1,514	1,096	418
30	2,853	1,912	941
31	1,096	912	184
78Q	5,604	2,802	2,802
78R	400	345	55
<b>Total</b>	<b>49,257</b>	<b>32,629</b>	<b>16,628</b>

# Capital Investment - \$5.0 Billion

## •Capital Improvement Program: \$ 3.31 Billion

- Building Systems - \$2.7 Billion
  - Evaluated through the Building Condition Assessment Survey (BCAS). Addressing only the most urgent conditions (primarily projects rated 5 under BCAS)
    - Exterior
    - Interior
      - » Includes upgrades to life safety systems such as fire alarms and public address systems
    - Site Improvements
  
- Transportable Classroom Unit (TCU) Removals - \$480 Million
  - Funds the removal of all TCUs (~320 units)
  
- Athletic Field Upgrades - \$125 Million

# Capital Improvement Program

- Building Condition Assessment Surveys (BCAS) to identify & prioritize needs
- Focus on ensuring buildings are watertight
- Enhancements to Life Safety Systems
- Upgrades to Interior Systems
- Removal of all remaining TCUs

# Capital Investment continued - \$5.0 Billion

• School Enhancements: \$ 1.34 billion

- > Restructuring - \$215 million
- > Safety - \$100 million
  - Includes the video surveillance camera program
- > Middle School Science Lab Upgrades - \$50 million
- > Accessibility - \$100 million
  - Provides for additional accessible facilities throughout the City
- > Physical fitness, libraries, and auditorium upgrades - \$121 million
- > Bathroom upgrades - \$100 million
  - Program to upgrade student bathrooms that are functional but outdated.
- > Technology - \$650 million
  - Primarily infrastructure upgrades

# Mandated Programs - \$3.7B

Selected categories include:

PCB Lighting Replacements \$480 million

- Replacement of all PCB containing light fixtures

Boiler Conversions \$750 million

- Allows for boiler conversion of approximately 125 buildings with boilers burning #4 oil

Wrap Up Insurance \$830 million

- Increasing cost of Owner Controlled Insurance Program

Prior Plan Completion \$660 million

- Allows for completion of 5<sup>th</sup> plan projects