

Capital Needs Assessment Survey Results

November 2016

State of Illinois, Bruce Rauner
Governor

Public Act 93-0489 requires the Illinois State Board of Education (ISBE) and the Capital Development Board (CDB) to file a comprehensive assessment report of the capital needs of all school districts to the General Assembly every two years. In an effort to compile this assessment needs report, the two agencies requested that all school districts complete and submit a Capital Needs Assessment Survey.

Overview

Responses were submitted by 406 elementary, secondary and unit school districts. Districts reported approximately \$7.5 billion of capital needs for new schools, building additions, and general repair work for the next two years. Significant findings of the survey include:



Over \$993 million is needed to build 62 new school buildings.



Over \$5.7 billion is needed for overall general repair and remodeling projects.



To ease overcrowding, districts are using 763 temporary classrooms.



Of the overall general repair/remodeling and renovation needs, approximately \$3 billion is needed for Health/Life Safety work.



Approximately \$743 million is needed for 119 building additions.



61 school districts report they are either a candidate for or are considering consolidation.



247 additional classrooms are needed for Pre-Kindergarten classes.



186 additional classrooms are needed for Kindergarten classes.



Districts report they need \$115.9 million for external and internal infrastructure and network devices to meet current technology and Partnership for Assessment of Readiness for College and Careers testing.

**Capital Development Board
Jodi Golden
Executive Director**

**Illinois State Board of Education
Tony Smith, Ph.D.
State Superintendent of Education**

2016 CAPITAL NEEDS ASSESSMENT SURVEY - RESULTS

Type of Work Needed	PK - 8		High School		District Totals		
	# of Bldgs	Estimated \$	# of Bldgs	Estimated \$	# of Bldgs	Estimated \$	
General Repair/Remodeling/Renovation:							
1. External Infrastructure (T1, fiber, wireless, etc.)	336	8,555,370	119	4,031,970	455	12,587,340	
2. Internal Infrastructure (CAT 5/6 wiring, fiber, wireless etc.)	963	51,135,124	266	23,168,750	1,229	74,303,874	
3. Network Devices (firewalls, switches, servers, VOIP, etc.)	698	18,974,451	164	10,065,900	862	29,040,351	
4. General Repair / Remodeling	1,716	719,972,280	400	593,933,048	2,116	1,313,905,328	
5. HLS* - Structural repairs (walls, foundations, etc.)	1,341	340,610,780	318	193,371,077	1,659	533,981,857	
6. HLS - Roof repairs or replacements	1,481	505,901,229	355	282,835,867	1,836	788,737,096	
7. HLS - Heating/ventilation/air conditioning	1,490	587,155,518	354	284,843,235	1,844	871,998,753	
8. HLS - Electrical systems other than alarms	1,348	109,563,731	310	60,614,228	1,658	170,177,959	
9. HLS - Plumbing systems	1,395	212,999,610	328	125,622,167	1,723	338,621,777	
10. HLS - Egress systems (doors, stairs, etc.)	1,391	56,076,938	325	24,622,937	1,716	80,699,875	
11. HLS - Fire protection (detectors, alarms, etc.)	1,471	93,438,048	337	40,343,360	1,808	133,781,408	
12. Asbestos abatement	371	40,721,770	126	19,077,972	497	59,799,742	
13. School security measures	908	58,956,060	280	27,907,300	1,188	86,863,360	
14. Energy conservation	466	37,673,002	114	32,169,089	580	69,842,091	
15. Repair of sidewalks, playgrounds, etc.	1,103	235,969,902	267	129,828,080	1,370	365,797,982	
16. Accessibility Measures	1,198	663,520,182	302	152,574,200	1,500	816,094,382	
Subtotal General Repair/Remodeling/Renovation	17,676	3,741,223,995	4,365	2,005,009,180	22,041	5,746,233,175	
New School Construction	45	521,355,476	17	471,697,869	62	993,053,345	
Building Additions	89	483,606,100	30	259,128,678	119	742,734,778	
Total Work Needed	17,810	4,746,185,571	4,412	2,735,835,727	22,222	7,482,021,298	
II. Impact: Provide the total estimated increase or decrease of the financial impact the capital expansion and renovation/remodeling work will have on the districts Operations & Maintenance and Educational Fund Budgets, such as additional staff.	PK - 8		High School		District Totals		
	*Increase or Decrease	Estimated \$	*Increase or Decrease	Estimated \$	*Increase or Decrease	Estimated \$	
	Increase	134,704,360	Increase	398,624,645	Increase	533,329,004	
III. Temporaries: Indicate the number of temporary classrooms used at each level to house some or all of its students, in the space provided.	a. Elementary Classrooms					675	
	b. High School Classrooms					88	
IV. Enrollment & EAV Trends: Place an "X" in the box which represents the last 2 years enrollment and EAV trend for each of the following key areas.		Sharp Decline 5% or more	Small Decline 2% - 4.9%	Stable	Small Growth 2% - 4.9%	Sharp Growth 5% or More	
	1	Enrollment	23	112	189	35	13
	2	EAV	29	61	141	118	19

V. Work in Progress: For the types of work listed below, enter the number of buildings for which work is currently in progress. Place your numbers in the columns representing the number of buildings and estimated cost for that type of work for both elementary and high school.

Type of Work In Progress	PK - 8		High School		District Totals	
	# of Bldgs	Estimated \$	# of Bldgs	Estimated \$	# of Bldgs	Estimated \$
General Repair/Remodeling/Renovation:						
1. External Infrastructure (T1, fiber, wireless, etc.)	184	2,766,214	46	1,985,402	230	4,751,616
2. Internal Infrastructure (CAT 5/6 wiring, fiber, wireless etc.)	359	10,775,926	68	6,545,400	427	17,321,326
3. Network Devices (firewalls, switches, servers, VOIP, etc.)	289	4,788,315	61	2,387,500	350	7,175,815
4. General Repair / Remodeling	362	62,895,513	99	58,774,620	461	121,670,133
5. HLS* - Structural repairs (walls, foundations, etc.)	116	7,751,416	49	4,818,942	165	12,570,358
6. HLS - Roof repairs or replacements	153	50,154,574	63	68,993,336	216	119,147,910
7. HLS - Heating/ventilation/air conditioning	180	56,197,638	62	18,357,349	242	74,554,987
8. HLS - Electrical systems other than alarms	135	7,642,529	49	5,833,013	184	13,475,542
9. HLS - Plumbing systems	123	5,080,426	45	3,325,350	168	8,405,776
10. HLS - Egress systems (doors, stairs, etc.)	169	6,544,297	46	6,031,386	215	12,575,683
11. HLS - Fire protection (detectors, alarms, etc.)	147	2,531,947	40	1,478,360	187	4,010,307
12. Asbestos abatement	118	3,664,980	38	3,071,200	156	6,736,180
13. School security measures	180	2,921,850	51	1,383,100	231	4,304,950
14. Energy conservation	130	7,537,080	35	5,510,400	165	13,047,480
15. Repair of sidewalks, playgrounds, etc.	229	11,436,254	44	2,629,333	273	14,065,587
16. Accessibility Measures	62	791,107	24	1,354,626	86	2,145,733
Subtotal General Repair/Remodeling/Renovation	2936	243,480,066	820	192,479,317	3756	435,959,383
New School Construction	33	269,308,912	8	15,400,000	41	284,708,912
Building Additions	39	143,989,180	11	131,405,331	50	275,394,511
Total Work in Progress	3008	656,778,158	839	339,284,648	3847	996,062,806

VI. Consolidation: Is this district a candidate or considering consolidation? Yes 61 No 345

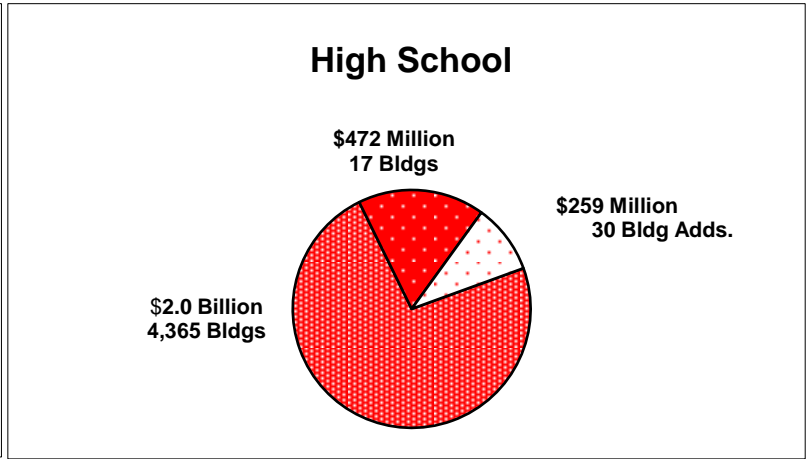
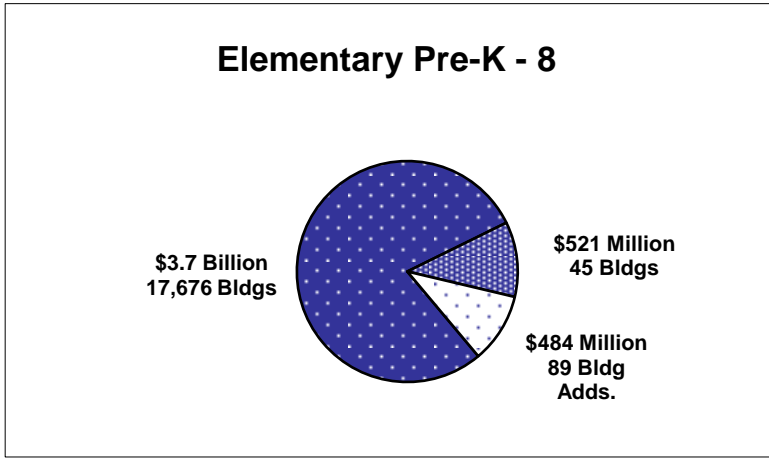
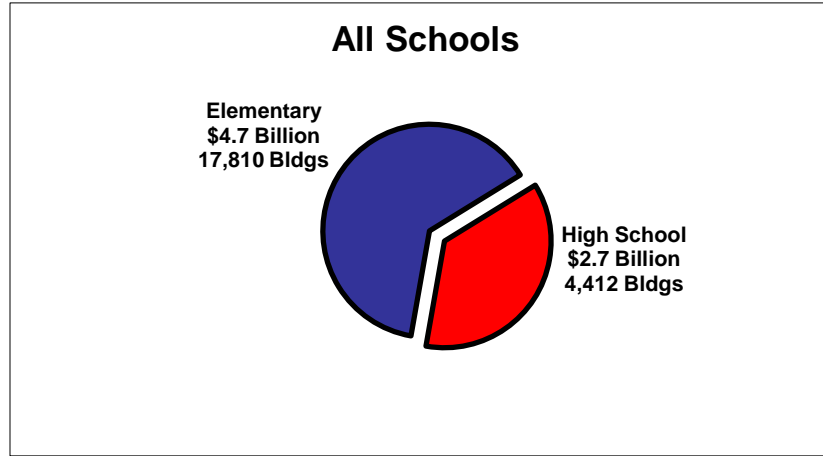
VII. Bonding Power: Will the district need to increase their debt limit to finance construction? Yes 58 No 348

VIII. Pre-Kindergarten and Kindergarten:

Does the district provide half-day or full-day Pre-Kindergarten classes?	Full Day	81	Half Day	196
Does the district provide both half-day and full-day Pre-Kindergarten classes?	Both	45	N/A	26
Does the District provide full-day Kindergarten Classes?	Yes	309	No	35
Does the District need additional classrooms to provide this instruction?	Yes	65	No	303
If Yes, how many additional Pre-Kindergarten classrooms are needed?		247		
If Yes, how many additional Kindergarten classrooms are needed?		186		

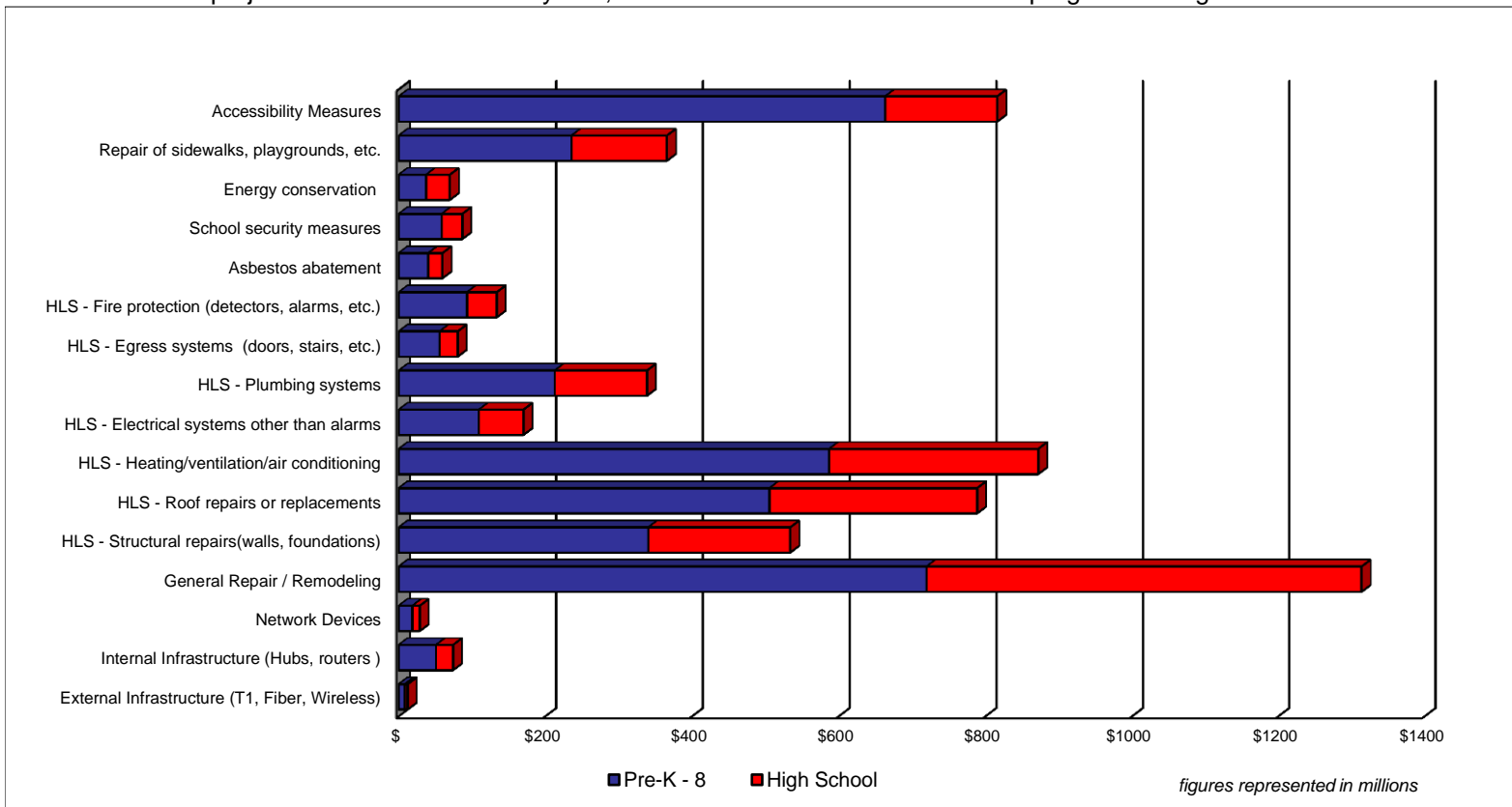
*HLS denotes Health/Life and Safety

Capital Needs Through January 2017



General Repair/Remodeling/Renovation

The estimated need for General Repair/Remodeling and Renovation work is graphically represented in the bar chart below. These needs are projected within the next two years, and are over and above the work in progress through 2016.



Overview of Needs and Resources

The Illinois State Board of Education and the Capital Development Board conducted the first Capital Needs Assessment Survey in 2004. That survey, which was answered by 690 districts, showed estimated capital needs of \$6.7 billion. The current survey shows estimated capital needs of \$7.5 billion, with 406 school districts responding. That is an average of \$18.5 million per district.

Survey Year	No. of Respondents	Estimated Need (Billions)	Average Per District (Millions)
2004	690	\$6.7	\$9.7
2006	450	\$8.2	\$18.2
2008	456	\$7.6	\$16.6
2010	618	\$9.9	\$16.1
2012	385	\$7.2	\$18.9
2014	558	\$8.0	\$14.3
2016	406	\$7.5	\$18.5

Technology Needs

The Partnership for Assessment of Readiness for College and Careers testing has developed technology guidelines to assist districts with meeting the instructional and assessment needs of their students. The information in the Capital Needs Assessment Survey is intended to assess districts' technology needs to prepare them for the requirements for the computer-based assessment. The survey reflects a need of approximately \$12.6 million for External Infrastructure (T1, fiber, wireless, etc.), \$74 million for Internal Infrastructure (CAT 5/6 wiring, fiber, wireless, etc.) and \$29 million for Network Devices (firewalls, switches, servers, VOIP, etc.).

Temporary Units

Districts use temporary-modular or manufactured unit facilities to provide classrooms for their students when their school building capacity is not sufficient to accommodate their enrollment. To ease overcrowding, reporting districts are using 763 temporary classrooms.

Pre-Kindergarten and Kindergarten Programs

Out of 348 districts responding to the survey question, 81 districts reported that they provide full-day Pre-Kindergarten, 196 districts provide half-day Pre-Kindergarten and 45 districts provide both full- and half-day classes. The survey shows 26 districts answered "non-applicable" to the question. Of the 344 districts responding to the survey question, 309 districts provide full-day Kindergarten classes. The survey reflects the need for 186 additional classrooms for Kindergarten and 247 classrooms for Pre-Kindergarten.

School Construction Grant Program

The Illinois General Assembly passed the School Construction Law (Public Act 90-548) in December 1997. The initial School Construction Grant Program benefited 502 school districts in every region of the state and provided over \$3.1 billion in state-funded grants to provide for new facilities, additions and renovations of aging buildings.

The fiscal year 2010 Illinois Jobs Now! Program provided \$1.5 billion over multiple years. Since May 2010, 99 grants totaling over \$1.3 billion have been awarded, providing for 57 new schools and 993 additions and/or renovations. Through a successful partnership using local and state matching funds, over \$2.6 billion has been invested in these facilities. A list of these school districts is available at <http://www.illinois.gov/cdb/services/grants/Documents/allgrants.pdf>

For media information call the Capital Development Board at 312-590-7393 or the Illinois State Board of Education at 217-782-2223.

For details regarding the School Construction Grant Program, please call the Capital Development Board at 217-782-8708 or the Illinois State Board of Education at 217-785-8779.