

**STATE UNIVERSITY OF NEW YORK
DOWNSTATE MEDICAL CENTER**

2016 CAMPUS STATEMENT

Downstate Medical Center is one of the nation's leading urban medical centers, located in one of the largest, most ethnically diverse, urban communities in the country. It is one of only two independent health science centers in the SUNY system, and the only academic medical center in Brooklyn, New York City's most populous borough. Downstate's mission is to provide outstanding education of physicians, scientists, nurses and other healthcare professionals; to advance knowledge through cutting edge research and translate it into practice; to care for and improve the lives of our globally diverse communities; and to foster an environment that embraces cultural diversity.

The campus is a vital part of the Brooklyn community, serving as one of its largest employers, and it is a critical source for education, research, and health care. Founded in 1860 under a charter granted to Long Island College Hospital, Downstate was the first hospital-based medical school in the United States. In 1950, it became part of the State University. Today Downstate's five colleges and schools enroll over 1,800 students, many of whom are from economically or educationally disadvantaged backgrounds, or are immigrants or children of immigrants, and prepare them for practice or health-related careers with an emphasis on urban, underserved communities. Downstate's College of Medicine has trained more physicians practicing in New York City than any other medical school.

Downstate is a leader in research pertaining to the health concerns of our community as well as being a leader in economic development. In 2013, Downstate attracted over \$48 million in external research funding, 85% of which was from federal sources. This places Downstate second in research funding relative to the four SUNY medical centers. Distinguished Professor Emeritus Roberts F. Furchgott won the 1998 Nobel Prize in Medicine or Physiology for his work on nitric oxide - the only active SUNY faculty member to have conducted Nobel prize-winning work while at SUNY. Downstate was the first institution to receive federal funding to study the transmission of HIV from mother to fetus, and houses the NIH-funded Brooklyn Health Disparities Center, a three-pronged partnership to reduce health disparities among minorities and new immigrants to Brooklyn. Downstate's economic development enterprises include Brooklyn's only Biotechnology Incubator, which recently doubled in size, and BioBat, a research, training, and economic development facility at the Brooklyn Army Terminal.

Also located on the 13 acre main campus is University Hospital of Brooklyn, Downstate Medical Center's teaching hospital. Downstate operates an Urgent Care and Ambulatory Surgery Center in Bay Ridge in Southwest Brooklyn, as well as a number of satellite facilities and school based health centers.

Downstate's main campus is home to 10 aging buildings, augmented by several leased properties, totaling over 2.5 million square feet. The complex includes 320 clinical, educational and research laboratories, the inpatient and outpatient facilities of University Hospital, a nurse's residence, two student residence halls and a student activity center, three primary care community facilities, a large outpatient Dialysis Center, a parking garage and administrative offices located in temporary trailers that have served for about 30 years.

Recent capital improvements include completion of the replacement of the Basic Science Building (BSB) windows, completion of the elevator upgrades in the BSB and the Health Science Education Building (HSEB), and upgrades to the main bathrooms in the HSEB atrium. Construction for the correction of the smoke-purge system for the HSEB stair towers has been completed and certified. Construction of the new Public Health/Academic Building is continuing and is projected for completion in 2016. Designs for animal facility mechanical system upgrades, boiler replacements, BSB air entrainment corrections, Phase 2 of the HSEB facade restoration, and BSB sprinkler system upgrades are approaching completion and construction will be bid this fiscal year. Design is also underway for the provision of additional electric power for the BSB.

**State University of New York
Downstate Medical Center**

Facility Profile

Facility Profile	Instructional & Support	Residential	Total
Total State Owned Acreage			13.20
Total State Owned Buildings	8	2	10
Total State Owned Gross Square Feet (GSF)	1,144,106	140,586	1,284,692
Total State Owned Net Assignable Square Feet (NASF)	465,077	88,508	553,585

Age of Facilities	< 10 Years	10 – 40 Years	> 40 Years
Gross Square Feet	0	281,606	1,003,086
Percentage of Total GSF	0.0%	21.9%	78.1%

Net Assignable Space Distribution by Major Functional Area						
Instructional	Research	Student Activities	Administration	Central Services	Residential	Total
62%	8%	4%	9%	9%	8%	100%



Campus Owned Facilities

BUILDING INDEX

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2. UNIVERSITY TEACHING HOSPITAL
3. RESIDENCE HALL STAGE VII
4. RESIDENCE HALL STAGE VIII
5. PARKING GARAGE
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26. SUCF TRAILER
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29. HEALTH SCIENCE EDUCATION BLDG.
33. TRAILER - LABOR RELATIONS

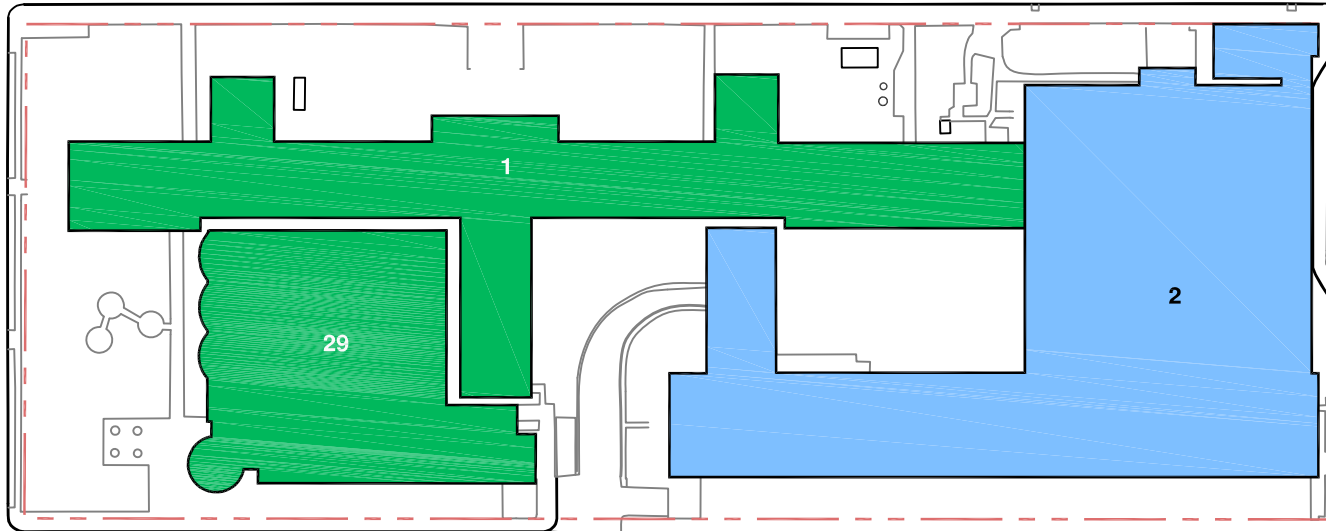
- ACADEMIC BUILDINGS
- RESIDENTIAL BUILDINGS
- HOSPITAL BUILDINGS

FALL 2015

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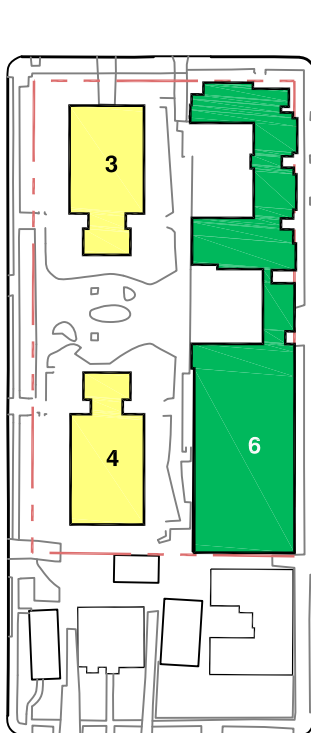
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NEW YORK

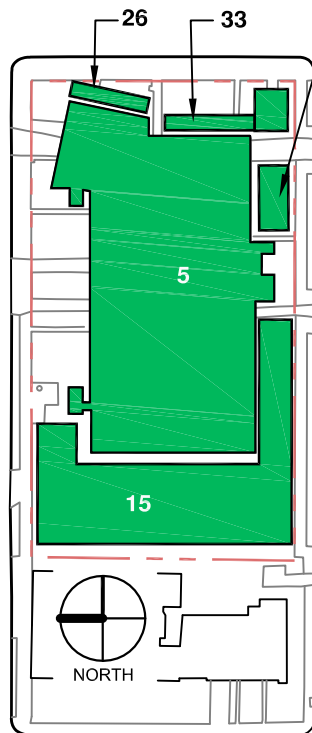


EAST 37TH

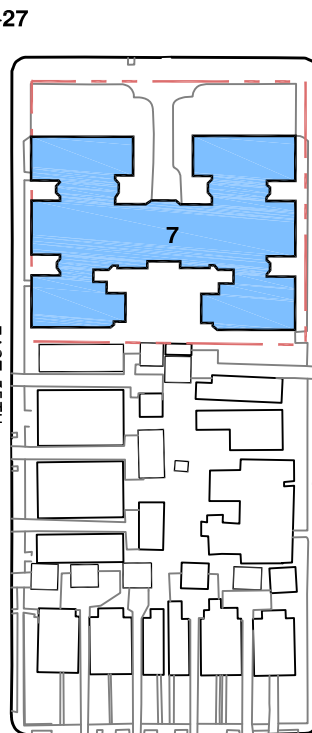
NEW YORK



EAST 34TH



EAST 35TH



LENOX ROAD

BROOKLYN



EAST 37TH



New Academic Building, School of Public Health
(\$104 Million)

Brooklyn HSC

State University of New York 2016/2017 Capital Program Plan (In Thousands)
Major Ongoing Non-Hospital Projects (Over \$1M Construction Cost)

State University of New York Health Science Center at Brooklyn

PROJECTS UNDER DESIGN

					Anticipated Start of Construction				
Capital Plan Projects	Total Estimated Project Cost	YTD Expend. thru 07-31-16	LTD Expend. thru 07-31-16	Encumbered Amount 07-31-16	16/17	17/18	18/19	19/20	20/21
Provide Additional Electrical Power-BSB	\$8,459	\$177	\$340	\$1,200	X				
Replace Boilers BSB	\$63,277	\$1,156	\$1,825	\$6,071	X				
Replace HSEB Roof	\$1,950	\$0	\$0	\$0	X				
Design Totals:	\$73,686	\$1,333	\$2,165	\$7,271					

PROJECTS UNDER CONSTRUCTION

					Anticipated Completion Date				
Capital Plan Projects	Total Estimated Project Cost	YTD Expend. thru 07-31-16	LTD Expend. thru 07-31-16	Encumbered Amount 07-31-16	16/17	17/18	18/19	19/20	20/21
Upgrade HVAC Systems BSB	\$46,371	\$649	\$2,811	\$4,933			X		
New Academic Building School of Public Health	\$103,988	\$21,665	\$72,441	\$17,504		X			
Provide Sprinkler System BSB Bldg	\$4,042	\$0	\$3,123	\$0	X				
Renovate HSEB Facade Phase 2	\$1,680	\$105	\$247	\$74	X				
Construction Totals:	\$156,081	\$22,419	\$78,623	\$22,511					

State University of New York 2016/2017 Capital Program Plan (In Thousands)
 Future Planned Projects - Over \$1M Construction (Non-Hospital)

State University of New York Health Science Center at Brooklyn

Capital Plan Projects	Total Estimated Project Cost	Funds Available	Funds Needed to Complete	SFY 2016/2017 Phase \$	SFY 2017/2018 Phase \$	SFY 2018/2019 Phase \$	SFY 2019/2020 Phase \$	SFY 2020/2021 Phase \$
Renovate Labs BSB Phase 1	\$2,600	\$0	\$2,600	D \$300	C \$2,300 E \$0			
Renovate Space in BSB for Admin	\$10,000	\$0	\$10,000			D \$2,000		C \$8,000
Renovate Labs in BSB Phase 2	\$13,000	\$0	\$13,000			D \$2,000		C \$11,000
Replace Chiller Student Union	\$700	\$0	\$700	D \$100 C \$600				
Capital Plan Project Totals:	\$26,300	\$0	\$26,300	\$300	\$3,000	\$4,000	\$0	\$19,000

Project Phases: A = Acquisition, D = Design, C = Construction, E = Equipment

State University of New York Summary of Changes Capital Program Plan (In Thousands)
 Non-Hospital Project Cross-Reference: Current Year Status vs. Last Year

State University of New York Health Science Center at Brooklyn

Capital Plan Project	2015 Estimated Project Cost	2016 Estimated Project Cost	Incr.Decr. In Estimate Cost
Projects Under Design			
Provide Additional Electrical Power-BSB	\$7,413	\$8,459	\$1,046
Phase Total:	\$7,413	\$8,459	\$1,046
Projects Under Construction			
Upgrade HVAC Systems BSB	\$33,124	\$46,371	\$13,247
Replace Boilers BSB	\$42,217	\$63,277	\$21,060
Phase Total:	\$75,341	\$109,648	\$34,307
Completed Projects			
Rehabilitate HVAC & Waterproof Animal Laboratories	\$28,823	\$28,817	(\$6)
Replace Windows BSB	\$5,295	\$5,325	\$30
Phase Total:	\$34,118	\$34,142	\$24

**STATE UNIVERSITY OF NEW YORK
UNIVERSITY HOSPITAL OF BROOKLYN**

2016 CAMPUS STATEMENT

University Hospital of Brooklyn (UHB), Downstate Medical Center's on-campus teaching hospital, is an 8-story, 342 bed (plus 30 bassinets) facility located in Central Brooklyn. The hospital is integral to the education mission and serves as a linchpin for all of the Institution's medical specialty, nursing, and allied health training programs, since it is the hospital for the only academic medical center in Brooklyn. It is a quaternary regional healthcare facility, providing services unavailable elsewhere in the borough. The hospital has 8 intensive care and step-down units, 12 operating rooms, an emergency services department, a diagnostic and ambulatory surgery facility, an ambulatory care center with over 75 clinics and a kidney dialysis center. The Central Brooklyn campus is the only hospital approved to perform kidney transplantation in Brooklyn, Queens and Staten Island, and UHB's Pediatric Kidney Center is the second largest facility for pediatric dialysis and transplantation in New York State. UHB provides primary and specialized care for a largely underserved inner-city patient population that has complex needs and is at higher risk for chronic diseases than its peers in the rest of the city, state and nation. University Hospital of Brooklyn also operates an urgent care and ambulatory surgery center located in Southwest Brooklyn, a number of satellites, and six school health clinics throughout the borough.

The UHB patient population reflects the diversity of its surrounding community and the rest of Brooklyn. Nearly 90 percent of the patient population identifies as a racial minority and half is foreign-born. UHB's patients include large populations of African-Americans and Caribbean-Americans, as well as Orthodox Jewish, Asian-Americans, and persons from the Middle East, South and Central Asia, Eastern and Western Europe, and Latin America. Over 93 separate languages and dialects are spoken in the neighborhoods surrounding the campus. To deliver cost-effective, high-quality care to these diverse populations and compete in a crowded, complex marketplace, Downstate must continue to attract highly-qualified and culturally-competent medical professionals and provide patients with access to the most modern medical equipment in well maintained, comfortable, and attractive facilities. Downstate must be configured, staffed, and organized to educate the next generation of health care providers.

Recent capital improvements include completion of an upgrade to the Hospital elevators; replacement of the first three air handlers in a total replacement project, and replacement of the original emergency generator plant. Projects under construction include a total upgrade of the Pediatric Intensive Care Unit, replacement of the Hospital's remaining 12 air handlers, upgrade of the MRI Suite, including replacing all of the 15 year old equipment, replacement of the radiation therapy unit, including upgrade to all equipment and procedure spaces, and replacement of the fire/smoke and fire dampers Hospital-wide. Construction will commence later this year to provide an additional digital x-ray unit. Design has begun on the upgrade of the mammography suite to all digital, including interior modernizations, alterations to upgrade the bronchoscopy facilities and an expansion and upgrade to the ambulatory endoscopy service. Also in design, with construction to start later this fiscal year, is the full replacement of all Hospital roofs.

**State University of New York
University Hospital of Brooklyn**

Facility Profile

Facility Profile	Hospital	Residential	Total
Total State Owned Acreage			Included in Main Campus
Total State Owned Buildings	2	0	2
Total State Owned Gross Square Feet (GSF)	842,600	0	842,600
Total State Owned Net Assignable Square Feet (NASF)	504,093	0	504,093

Age of Facilities	< 10 Years	10 – 40 Years	> 40 Years
Gross Square Feet	0	0	842,600
Percentage of Total GSF	0.0%	0.0%	100.0%

Net Assignable Space Distribution by Major Functional Area						
Clinic	Research	Student Activities	Administration	Central Services	Residential	Total
82%	4%	1%	6%	7%	0%	100%



Campus Owned Facilities

BUILDING INDEX

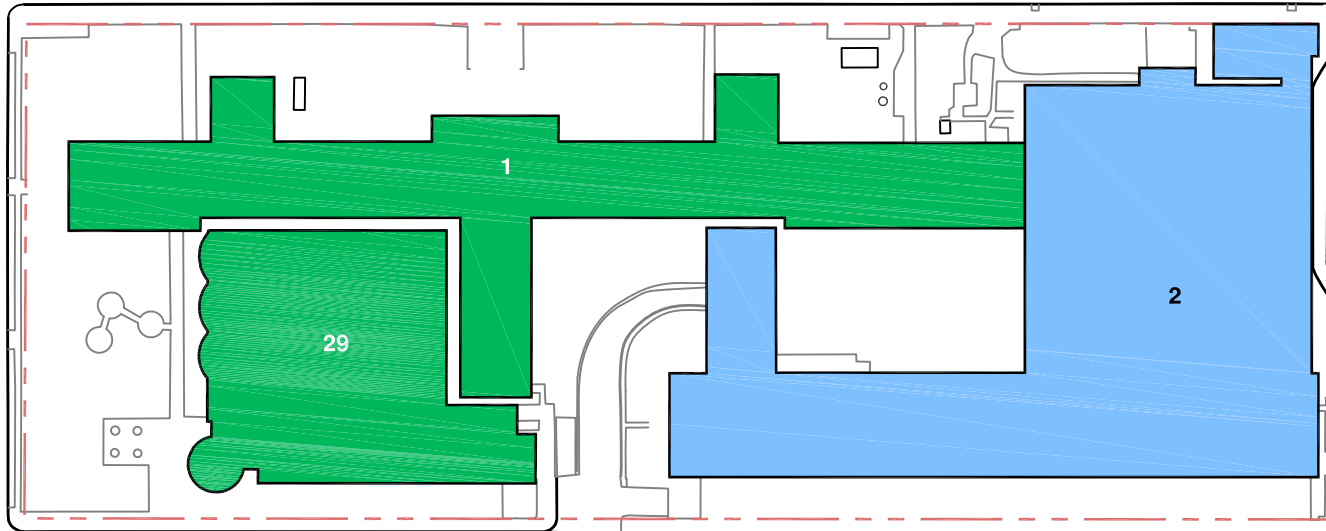
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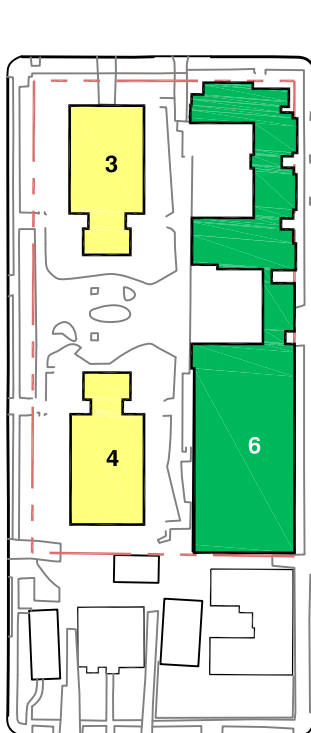
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NEW YORK

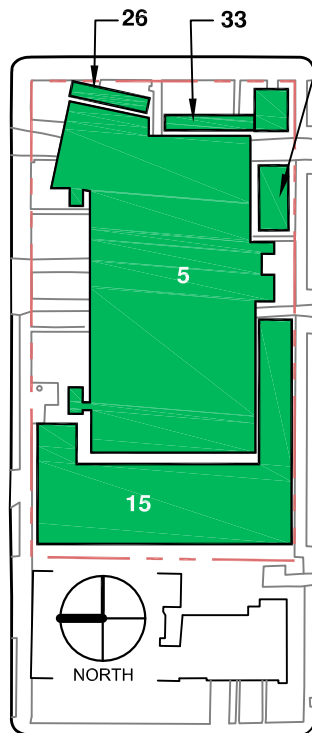


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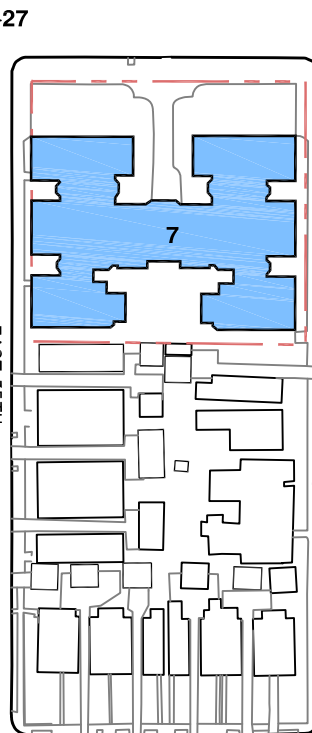
NEW YORK



EAST 34TH



EAST 35TH



LENOX ROAD

BROOKLYN



EAST 37TH



HVAC Upgrade, University Hospital
(\$17.8 Million)

Brooklyn HSC

**State University of New York
SUNY University Hospital at Brooklyn**

Profile of Clinical Services/Utilization

	Downstate											
	2010	2011	2011	2012	2012	2013	2013	2014	2014	2015	2015	
	UHB	UHB	LICH*	UHB	LICH	UHB	LICH	UHB	LICH	UHB	LICH	
Inpatient (excludes newborns):												
Total licensed beds	376	376	506	376	506	376	506	376	506	342	0	
Total discharges	18,749	17,675	9,559	17,553	15,796	16,340	7,461	15,056	948	14,328	0	
Total patient days	112,147	102,245	49,015	102,939	89,338	98,203	42,105	87,231	4,457	81,950	0	
Total occupancy	82%	75%	45%	75%	48%	72%	23%	64%	2%	66%	0%	
Average length of stay (days)	6.0	5.8	5.1	5.9	5.7	6.0	5.6	5.8	4.7	5.7	-	
Outpatient:												
Emergency room visits (ER)	68,924	69,666	33,869	70,720	59,349	69,054	36,856	65,641	13,021	64,976	0	
Number of admissions from ER	13,884	13,416	11,023	13,638	11,059	11,352	5,526	10,926	934	10,928	0	
Percentage of admissions from ER visits	20%	19%	33%	19%	19%	16%	15%	17%	7%	17%	0%	
Outpatient clinic visits	167,506	161,762	56,374	161,554	89,086	152,107	55,707	139,988	8,960	137,956	0	
Other outpatient visits	108,046	108,792	10,403	108,858	19,225	107,744	10,877	103,849	3,024	106,371	0	
Ambulatory surgery procedures	10,023	8,965	9,454	11,457	15,605	12,121	7,733	10,252	20	10,480	0	
Case mix index - Medicare	1.47	1.48	1.50	1.46	1.50	1.54	1.59	1.50	1.08	1.51	0.00	
Case mix index - Non-medicare	1.35	1.18	1.05	1.36	1.16	1.23	1.22	1.21	1.01	1.25		
Payer mix percentages:												
Medicare	18%	19%	22%	19%	21%	18%	21%	18%	26%	17%	0%	
Medicaid	17%	16%	11%	12%	9%	11%	9%	11%	10%	10%	0%	
Blue Cross/Blue Shield	7%	7%	12%	6%	11%	7%	10%	7%	7%	6%	0%	
Commercial	1%	1%	0%	1%	0%	1%	0%	1%	1%	1%	0%	
Managed care	52%	53%	51%	58%	56%	61%	56%	62%	52%	65%	0%	
Self pay	4%	4%	3%	4%	2%	2%	2%	2%	3%	1%	0%	
Workers compensation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Other	0%	0%	1%	0%	1%	0%	1%	0%	1%	0%	0%	
Total FTE employees	3,367	3,300	2,111	3,159	2,105	2,912	1,312	2,708	173	2,616	0	

* LICH - May 29, 2011 to Dec. 31, 2011

State University of New York 2016/2017 Capital Program Plan (In Thousands)
Major Ongoing Hospital Projects (Over \$1M Construction Cost)

State University of New York Health Science Center at Brooklyn

PROJECTS UNDER DESIGN

					Anticipated Start of Construction				
Capital Plan Projects	Total Estimated Project Cost	YTD Expend. thru 07-31-16	LTD Expend. thru 07-31-16	Encumbered Amount 07-31-16	16/17	17/18	18/19	19/20	20/21
Upgrade Electrical System UHB	\$18,658	\$0	\$0	\$1,128		X			
Renovate Mammography Suite	\$2,000	\$0	\$0	\$0		X			
Renovate Pharmacy UHB Basement	\$2,569	\$0	\$0	\$446	X				
Replace Labor & Delivery and Transplant Roofs	\$4,550	\$191	\$343	\$126		X			
Design Totals:	\$27,777	\$191	\$343	\$1,699					

PROJECTS UNDER CONSTRUCTION

					Anticipated Completion Date				
Capital Plan Projects	Total Estimated Project Cost	YTD Expend. thru 07-31-16	LTD Expend. thru 07-31-16	Encumbered Amount 07-31-16	16/17	17/18	18/19	19/20	20/21
LINAC Equipment Replacement	\$4,670	\$0	\$0	\$0		X			
Install Energy Management System University Hospital	\$1,527	\$84	\$1,550	\$39	X				
HVAC Upgrade, University Hospital	\$17,764	\$3,993	\$7,518	\$9,611		X			
MRI Upgrade University Hospital	\$4,402	\$327	\$467	\$1,783		X			
Elevator Rehab Various Buildings	\$7,566	\$306	\$6,755	\$402	X				
PICU Alterations	\$3,845	\$1,032	\$1,714	\$1,487		X			
Replacement/Repair of Existing Fire and Smoke Dampers UHB	\$3,755	\$77	\$3,275	\$434	X				
Emergency Generator Upgrade/Life Safety	\$5,232	\$902	\$5,182	\$7	X				
Life Safety Deficiency Remediation Crew	\$3,900	\$854	\$2,680	\$184	X				
Replace or Retrofit Fire Dampers-UHB	\$8,000	\$2,296	\$4,232	\$96			X		
Construction Totals:	\$60,662	\$9,870	\$33,374	\$14,043					

State University of New York 2016/2017 Capital Program Plan (In Thousands)
 Future Planned Hospital Projects - Over \$1M Construction

State University of New York Health Science Center at Brooklyn

Capital Plan Projects	Total Estimated Project Cost	Funds Available	Funds Needed to Complete	SFY 2016/2017 Phase \$	SFY 2017/2018 Phase \$	SFY 2018/2019 Phase \$	SFY 2019/2020 Phase \$	SFY 2020/2021 Phase \$
Remediate Medical Gas Outlet Deficiencies UHB	\$2,800	\$0	\$2,800	D \$300	C \$2,500	E \$0		
Renovate Ceilings Operating and Recovery Rooms UHB	\$1,500	\$0	\$1,500	D \$250	C \$1,250			
Capital Plan Project Totals:	\$4,300	\$0	\$4,300	\$550	\$3,750	\$0	\$0	\$0

Project Phases: A = Acquisition, D = Design, C = Construction, E = Equipment

State University of New York Summary of Changes Capital Program Plan (In Thousands)
Hospital Project Cross-Reference: Current Year Status vs. Last Year

State University of New York Health Science Center at Brooklyn

Capital Plan Project	2015 Estimated Project Cost	2016 Estimated Project Cost	Incr.Decr. In Estimate Cost
Projects Under Design			
Upgrade Electrical System UHB	\$8,568	\$18,658	\$10,090
Replace Labor & Delivery and Transplant Roofs	\$4,485	\$4,550	\$65
Phase Total:	\$13,053	\$23,208	\$10,155
Projects Under Construction			
HVAC Upgrade, University Hospital	\$17,197	\$17,764	\$567
MRI Upgrade University Hospital	\$3,360	\$4,402	\$1,042
PICU Alterations	\$3,001	\$3,845	\$844
Emergency Generator Upgrade/Life Safety	\$4,592	\$5,232	\$640
Life Safety Deficiency Remediation Crew	\$1,900	\$3,900	\$2,000
Replace or Retrofit Fire Dampers-UHB	\$3,500	\$8,000	\$4,500
Phase Total:	\$33,550	\$43,143	\$9,593
Completed Projects			
Phase Total:	\$0	\$0	\$0