



**BUILDING A STRONGER DOWNSTATE**

Additional Information

February 2024



## SUNY Downstate

- SUNY Downstate Health Sciences University is critical to the community, creating a diverse workforce that primarily remains in-state upon graduation
- Clinical placements for the school of medicine rely on external health systems, with SUNY Downstate Hospital supporting about 1/3 of necessary placements
- The physical plant at SUNY Downstate Hospital is at end of life, and will require over \$3 billion in capital and at least 8-10 years to replace with limited capital to fund replacement
- Even with State support and significant DSH resources of more than \$120 million annually, SUNY Downstate hospital has been challenged financially with material operating and cash flow losses
- The community continues to experience a high disease burden, with excess inpatient services and high, unmet demand for primary and ambulatory care access
- Consistent with national trends, demand for outpatient services is expected to be significant
- The plan to build a stronger Downstate is a unique and timely opportunity to restructure, reimagine, and ensure a positive impact for the community



# SUNY Downstate is a Leader in Diverse Medical Education

SUNY Downstate Medical School Profile	
<b>Medical School Class Enrollment<sup>1</sup></b>	<b>859</b>
<i>% African Americans Students</i>	<i>13%</i>
<i>% Hispanic/Latino Students</i>	<i>15%</i>
<i>National percentile of African-American graduates</i>	<i>93<sup>rd</sup></i>
<b>Match Rate<sup>2</sup></b>	<b>98%</b>
<i>% Staying in NY State</i>	<i>75%</i>
<i>% Staying in NYC</i>	<i>54%</i>
<i>% Matched to SUNY Downstate<sup>3</sup></i>	<i>26%</i>

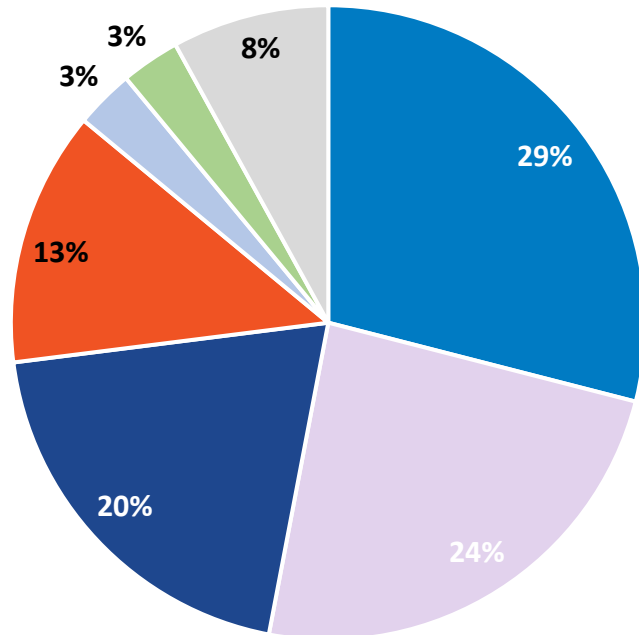
- By enrollment and graduates, SUNY Downstate is the largest medical school in NYC and is in the top 3 in NYS
- SUNY Downstate had the most “underrepresented in medicine (URIM)” medical school graduates in NYS in the class of 2023
- Though just 20% of U.S. nurses are minorities, 70% of SUNY Downstate’s nursing students come from diverse populations

Sources: 1. AAMC, 2023 – 2024 <https://www.aamc.org/media/9621/download?attachment>  
2. SUNY Downstate, <https://www.downstate.edu/news-events/news/2022/03-18-2022.html>  
3. SUNY Downstate, <https://www.downstate.edu/about/fast-facts.html>

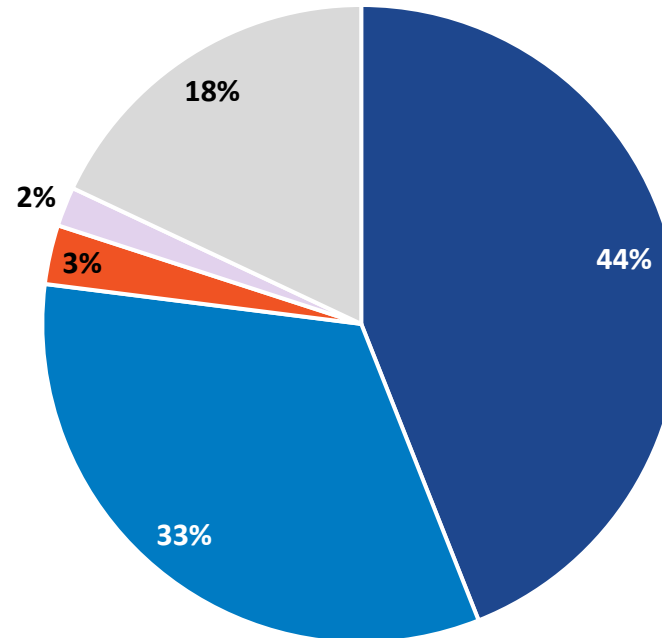


# SUNY Downstate Hospital Footprint Supports 1/3 of Placements

3<sup>rd</sup> YEAR CLERKSHIPS



RESIDENCIES



	SUNY Downstate
	Maimonides
	Kings County Hospital Center (NYC Health + Hospitals)
	One Brooklyn Health
	Lenox Hill Hospital (Northwell)
	Private Offices
	Other



# The Physical Plant at SUNY Downstate Hospital is at End of Life

- The University Hospital at Downstate has significant inpatient capacity available today and would need critical infrastructure upgrades to modernize and/or replace the facility
- Facilities are antiquated with key systems failing

Facility Plans	Cost	Years to Complete
De Novo Replacement Hospital	\$3.2 B	8-10
Renovate Existing Hospital	\$4.3 B	15-20





# Most Hospitals in the Service Area Have Significant Capacity Compared to Certified Beds

## HOSPITAL OCCUPANCY WITHIN THE SUNY DOWNSTATE MARKET, 2022

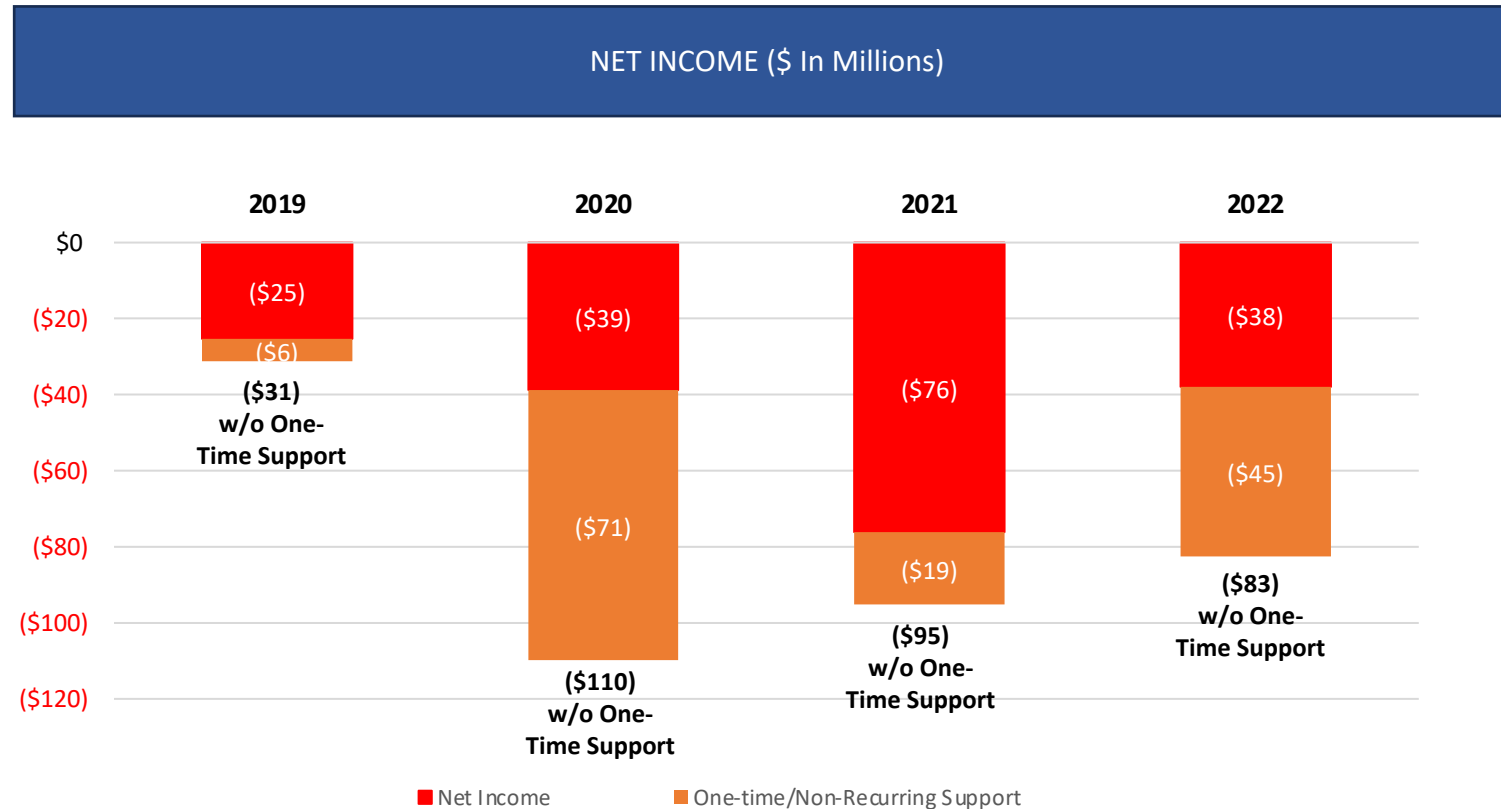
Geography	System	Hospital	ADC <sup>1</sup>	Certified Beds	Certified Bed Occupancy
<b>PSA</b>	One Brooklyn Health	Brookdale University Hospital Medical Center	151	530	28%
	NYC Health and Hospitals	Kings County Hospital Center	403	624	65%
	SUNY Downstate <sup>1</sup>	University Hospital at Downstate	144	342	42%
	<b>Total PSA</b>		<b>698</b>	<b>1,496</b>	<b>47%</b>
<b>SSA</b>	One Brooklyn Health	Interfaith Medical Center	67	287	23%
	Mount Sinai	Mount Sinai Brooklyn	161	212	76%
	<b>Total PSA + SSA</b>		<b>926</b>	<b>1,995</b>	<b>46%</b>
<b>Broader Kings County</b>	Maimonides	Maimonides	617	711	87%
	Wyckoff Heights Medical Center	Wyckoff Heights Medical Center	107	324	33%
	The Brooklyn Hospital Center	The Brooklyn Hospital Center	177	464	38%
	NYC Health and Hospitals	NYC Health and Hospitals / Woodhull	179	341	52%
	NYC Health and Hospitals	Coney Island Hospital	291	371	78%
	Maimonides	New York Community Hospital of Brooklyn, Inc.	50	134	37%
	New York Presbyterian	New York Presbyterian Brooklyn Methodist Hospital	417	591	71%
	NYU Langone	NYU Langone Hospital – Brooklyn	334	444	75%

Note: 1. ADC calculated from 2022 state data

Sources: NYSDOH certified beds; Definitive Healthcare; SPARCS 2022 inpatient discharge database.



# Even with Over \$120 Million in DSH Support SUNY Downstate is Financially Challenged



Note: Reflects Audited SUNY Downstate income statement. One-time/non-recurring items include Provider Relief Funds; VAPAP Grants; and other direct State support reflected in "NYS Appropriations", including debt service relief.



# SUNY Downstate Hospital Service Area

SUNY DOWNSTATE PSA + SSA<sup>1</sup>



Primary service areas (PSA) = 75% of inpatients and its Secondary service area (SSA) = next 15% of inpatients

Note: [1] SUNY Downstate's PSA is defined as zip codes 11203, 11212, 11225, 11226, and 11236.

The SSA is defined as zip codes 11207, 11208, 11210, 11213, 11233, and 11234.

Sources: Claritas 2023.





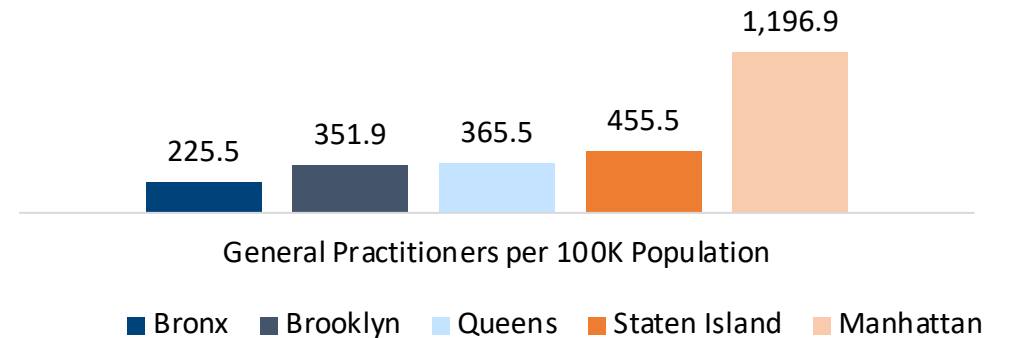
# High Demand for Primary Care and Specialty Physicians Likely Contributing to High Rates Of Chronic Conditions

PSA & SSA Physician Shortages by Specialty

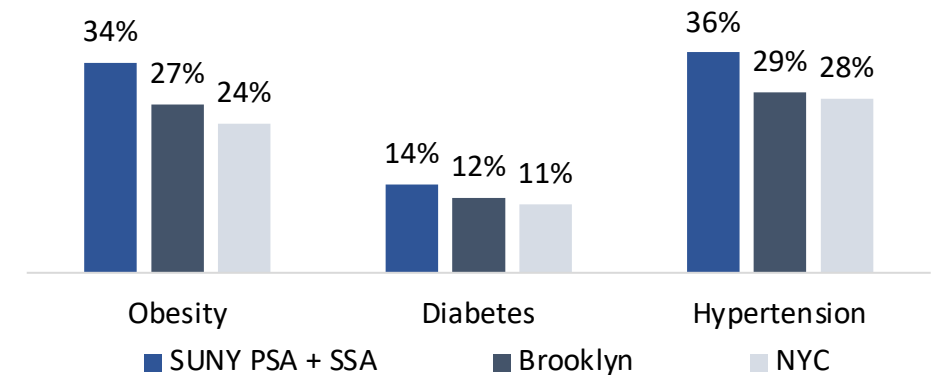
Specialty	Gap
General/Family Practice	460
OB/GYN	170
Emergency/Critical Care	140
Psychiatry	130
Internal Medicine	90
Cardiology	60
Hematology/Oncology	60
Gastroenterology	40
Pediatric Medicine	20
Pulmonology	20
Neurology	10
Physical Medicine/Rehab	10

Shortage  Surplus

Number of General Practitioners per 100K Population by Neighborhood (2020)



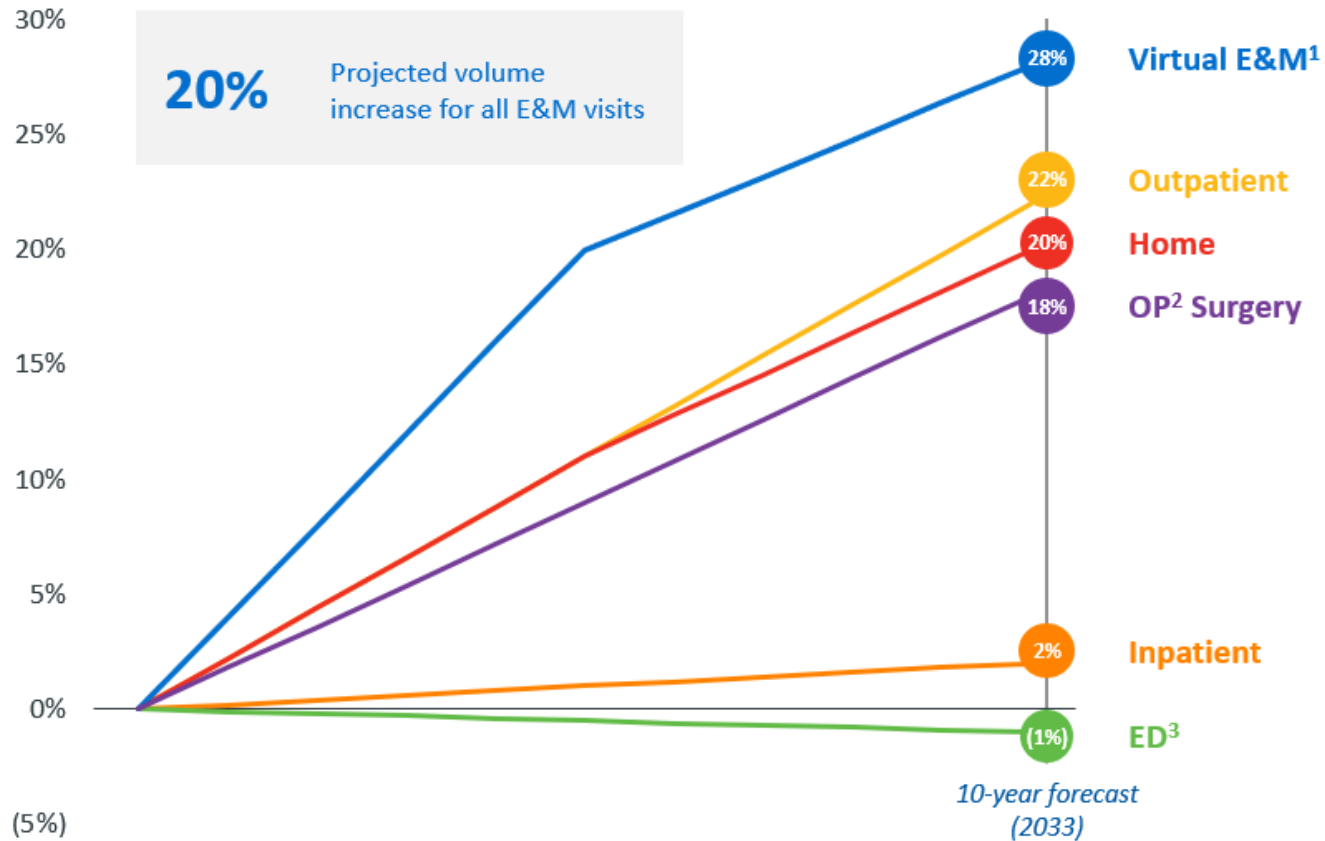
% of Adults With Chronic Conditions



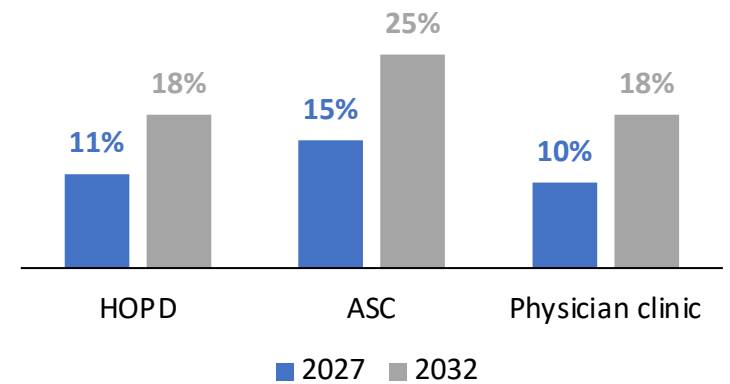


# Future Demand for Outpatient Services is Dominant

Percentage Change in Adult Healthcare Volumes Forecast, 2023



Projected Volumes Growth for Outpatient Care, 2022



- 1. Evaluation and management.
- 2. Outpatient.
- 3. Emergency department.
- 4. Hospital outpatient department.
- 5. Ambulatory surgery center.
- 6. Physical therapy/ occupational therapy.

Source: "2023 Impact of Change<sup>®</sup> Forecast Report". SG2 Healthcare Intelligence. June 2023; "2022 Impact of Change<sup>®</sup> Forecast Report". SG2 Healthcare Intelligence. 7 June 2022; Gist Healthcare analysis.



# Building a Stronger Downstate

In close partnership with the community, SUNY is committed to developing a plan for Downstate, supported by the state's investment of additional targeted capital and ongoing operating funds

Advances Downstate's unique role preparing excellent, diverse healthcare professionals

- Major investments in SUNY Downstate's academic centers and their students by building a new Academic Supports University Center, expanding training in primary care services, and upgrading simulation labs

Ensures the communities surrounding Downstate can access the quality, affordable healthcare they deserve

- Maintain the quality inpatient healthcare services that Downstate hospital currently provides to the community, delivered by SUNY Downstate in other physical locations – including dedicated space right across the street at Kings County
- Expand SUNY Downstate's services to address community healthcare outpatient needs by building a new ambulatory center that could offer services such as primary care, specialty care, ambulatory surgery, and urgent care

Addresses the significant health disparities facing New Yorkers

- Building on our strong research foundation and reputation, as well as our relationships with community partners like the Arthur Ashe Institute and others, redouble our work on commitment to tackling systemic health disparities by building the Brooklyn Institute of Health Equity
- Concordant health care, and the improved health outcomes it brings, requires more highly trained diverse doctors and nurses, which Downstate will provide