

**2022-2024 Memorial Sloan Kettering Cancer Center
Community Health Needs Assessment
and Comprehensive Community Service Plan**

December 2022

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EXECUTIVE SUMMARY

Memorial Sloan Kettering Cancer Center (MSK) is one of the world’s most respected comprehensive centers devoted exclusively to cancer and has been recognized as one of the top two cancer hospitals in the United States by U.S. News & World Report for more than 30 years. This report presents an overview of MSK contributions to the community through its three pillars of service: patient care, education, and research. It additionally shares results of the 2022 Community Health Needs Assessment (CHNA) conducted as required by the US Internal Revenue Service and the Affordable Care Act to ensure health needs of the community are identified and addressed. Thirdly, the report presents MSK’s 2022–2024 Community Service Plan (CSP), a three-year strategy that supports the New York State Prevention Agenda 2019–2024 and provides additional community benefit through patient care, education, and research.

The CHNA process solicited community input via an online forum and a widely disseminated survey. This information was analyzed in tandem with a review of publicly available data and public health agency priorities. Cancer continues to be a top concern of the community, and a leading cause of death in the United States and New York. Priorities identified through the assessment process inform MSK’s 2022–2024 CSP, which specifically supports New York State’s “Goal 3.1 Prevent initiation of tobacco use,” through advocacy and educational efforts; “Goal 3.2: Promote tobacco use cessation,” with training and education for healthcare professionals; and “Goal 4.1 Increase cancer screening rates for breast, cervical, and colorectal cancers” through screening and outreach programs. MSK interventions will particularly focus on addressing disparities based on income, race, and ethnicity. Progress will be measured annually and reported to community partners and the NYS Department of Health.

In addition to supporting the NYS Prevention Agenda goals, MSK will continue to maintain its robust array of research, medical education, patient care, and outreach programs that serve the community, as well as its generous Financial Assistance Program. Our partners in community service include NYC Health + Hospitals, the Nassau County Department of Health, the American Cancer Society Cancer Action Network, and the more than 350 area organizations convened through MSK’s Integrated Cancer Care Access Network (ICCAN).

This report has been adopted by the Memorial Sloan Kettering Cancer Center Board of Trustees.

The plan is shared with local officials, civic leaders, and organizations, and is available on our website, at mskcc.org/communityserviceplans and by request. We encourage the community to provide feedback by contacting communityaffairs@mskcc.org. Ongoing engagement with the community on the implementation of the plan will be facilitated by the MSK Community Engagement and Health Equity Team.

ABOUT MSK

THREE PILLARS OF EXCELLENCE

The people of Memorial Sloan Kettering Cancer Center are united by a singular purpose: to find a cure for cancer. Our specialized care teams provide personalized, compassionate, expert care to patients of all ages. Informed by basic research done at our Sloan Kettering Institute, researchers, physicians, and staff across MSK collaborate to conduct innovative translational and clinical research that is driving a revolution in our understanding of cancer as a disease and improving the ability to prevent, diagnose, and treat it. MSK is dedicated to training the next generation of scientists and clinicians, who go on to pursue our mission at MSK and around the globe.

There are three pillars to MSK's mission: patient care, scientific research, and education.

Patient Care

One of the world's most respected comprehensive centers devoted exclusively to cancer, MSK has been recognized as one of the top two cancer hospitals in the country by *U.S. News & World Report* for more than 30 years. MSK aims to make its high-quality cancer care accessible for all people in the tri-state area of New York, New Jersey, and Connecticut.

MSK's main hospital is located at 1275 York Avenue on New York City's Upper East Side. The following services are available for adults and children:

- 28 operating rooms, with an additional 12 ambulatory operating rooms at the Josie Robertson Surgery Center
- Innovative cancer treatments, including chemotherapy, immunotherapy, and other infusions; internal and external radiation; and cutting-edge clinical trials
- Inpatient and outpatient care specially designed for children and young adults
- Minimally invasive image-guided therapies, including interventional radiology
- State-of-the-art imaging services, including ultrasound, MRI, CT, and PET scans
- A retail pharmacy that can fill and refill the drugs our patients need for care after discharge
- A 24-hour Urgent Care Center (UCC) for MSK patients experiencing urgent medical issues related to cancer or cancer treatments. Within the UCC is the Clinical Decision Unit (CDU), an observation unit designed to provide short-term treatments and tests in an efficient, safe, and comfortable environment.

MSK has outpatient sites in Manhattan, Brooklyn, Westchester County, Long Island, and New Jersey (see Appendix A for an overview of locations). In 2023, Memorial Medical Care, PC, a Practice of MSK Physicians, will open in the Flatbush neighborhood of Brooklyn. This new facility will provide greater access to care for the Flatbush community, where 22 percent of residents live in poverty, and cancer is the leading cause of premature death.¹ The site will connect patients to advanced imaging, state-of-the-art therapies, cutting-edge clinical trials, and a multidisciplinary team of MSK specialists providing collaborative patient care and delivering the best possible outcomes.

¹ Hinterland K, Naidoo M, King L, Lewin V, Myerson G, Noubissi B, Woodward M, Gould LH, Gwynn RC, Barbot O, Bassett MT. Community Health Profiles 2018, Brooklyn Community District 14: Flatbush and Midwood; 2018; 38(59):1-20. Available at: <https://www.nyc.gov/assets/doh/downloads/pdf/data/2018chp-bk14.pdf>

The hospital had over 24,000 inpatient admissions in 2021. There were 733,000 outpatient visits, as well as 51,185 cancer screenings performed.

In 2021, MSK saw 201,586 patients in total. As shown in Table 1, over 90% of these patients were from the New York tri-state area of New York, New Jersey, and Connecticut.

Table 1 MSK patient population by region of origin

REGION OF ORIGIN	PATIENT POPULATION	PERCENTAGE
New York, New Jersey, Connecticut	184,175	91.4%
Other parts of the Unites States	16,994	8.4%
Other countries	417	0.2%

Emotional and Social Support During Care

MSK pioneered the introduction of psychiatry in the oncology setting in 1977 and continues to be a leader in addressing the physical, psychological, emotional, and spiritual needs of patients. MSK offers more than 29 **support groups for MSK patients, caregivers, and the wider community**. MSK’s Social Work Team and **Patient Fund** also help patients address a variety of needs, including non-medical care expenses like travel and housing accommodations. The MSK **Food to Overcome Outcomes Disparities (FOOD) program** is a hospital-based food pantry program at 15 cancer treatment sites throughout Manhattan, the Bronx, Queens, Brooklyn, and Long Island.

Financial Support for Patients

MSK has a wide insurance network. Additionally, the **MSK Financial Assistance Program** helps patients without insurance or with insufficient insurance to pay for their care. Patients with household income up to 500 percent above the Federal Poverty Level receive free care. Patients with income above this level are eligible for sliding scale fees. A new program is screening patients to identify and support those whose families are experiencing challenges due to the economic impact of their illness and care.

Targeted Outreach

Accessing health care, especially specialized cancer care, can be challenging for people marginalized due to their race, immigration status, language abilities, or income. MSK has targeted programs to help support our goal of ending cancer disparities. For example, the **Endometrial Cancer Equity Program** at MSK Nassau, developed by MSK’s Office of Health Equity, helps Black women diagnosed with endometrial cancer in accessing appropriate care, treatments, and clinical trials. The **South Asian Health Initiative**, run by MSK’s Immigrant Health and Cancer Disparities Service, brings together community- and faith-based organizations, academic institutions, and policy experts to increase awareness and treatment of the most common health problems affecting the South Asian immigrant community in New York City. It also provides insurance enrollment assistance and healthcare navigation. The **MSK Ralph Lauren Center (RLC)** offers cancer prevention, screening, diagnosis, treatment, and support services in Harlem. The RLC provides high-quality care in a warm, welcoming, and culturally sensitive environment. Services include a renowned patient navigation program, financial counseling, support groups, and free health screenings.

Information about the full array of MSK outreach initiatives is in the *Comprehensive List of MSK Community Benefit Programming* on page 22.

Partnership

Ending disparities in cancer outcomes cannot happen through the efforts of any single organization. Partnership is essential, and MSK is proud to be part of several key collaborations. For example, through our **Cancer Health Equity Research Program**, MSK partners with NYC Health + Hospital's Queens Cancer Center, Lincoln Medical Center, Kings County Hospital, and Metropolitan Hospital to provide patients access to clinical trials that would otherwise be unavailable. The **Integrated Cancer Care Access Network (ICCAN)** is a network of 15 cancer treatment sites in New York City and Long Island that helps patients with cancer navigate a complicated healthcare system. MSK convenes the ICCAN to help patients secure health insurance, transportation, healthy food, psychosocial support, childcare, legal aid, financial assistance, and other resources from more than 350 community organizations. (See Appendix F for ICCAN's treatment sites and partner organizations.)

MSK's partnership with the **Nassau County Department of Health's Office of Health Equity** is developing education, cancer screening, and other services to address the cancer health disparities in Nassau County, which predominate among the Black and Hispanic population. Our **Ventanilla de Salud (Health Window)** collaboration with the **Mexican Consulate**, aims to eliminate barriers to healthcare among New York's Mexican American population by providing mobile health services throughout New York City.

Research

MSK scientists are among the most-cited researchers in the world. At any given time, MSK doctors are leading hundreds of clinical trials to improve treatment strategies for adult and pediatric cancers, and MSK has generated more FDA-approved treatments than any other cancer center. To ensure breakthroughs benefit all populations, MSK is making it easier for patients from underrepresented groups to enroll in clinical trials and building a network of doctors and scientists dedicated to increasing equity in cancer research. For example, MSK's **partnership with The City College of New York (CCNY)**, funded by a National Cancer Institute (NCI) grant, is expanding community-engaged research, education, and outreach while also creating a pipeline of diverse investigators involved in the full range of cancer research.

Along with leading cutting-edge biomedical research, MSK is also a leader in identifying community and prevention interventions. In 2022, MSK researchers helped author the new NCI Tobacco Control monograph, ***Treating Smoking in Cancer Patients: An Essential Component of Cancer Care***,² which provides an updated synthesis of evidence clarifying the need to intervene with cancer patients who smoke. In the field, our **Arab Health Initiative** investigated barriers to HPV vaccine acceptance among Arab American women. Currently, they are investigating barriers to administration for clinicians serving adolescent and young adult Arab American patients.

Additional information about MSK research initiatives is in the *Comprehensive List of MSK Community Benefit Programming* on page 22.

Health Sciences Education

MSK is renowned for its health sciences education and training. We offer internships and enrichment

² U.S. National Cancer Institute. *Treating Smoking in Cancer Patients: An Essential Component of Cancer Care*. National Cancer Institute Tobacco Control Monograph 23. Bethesda, MD: U.S. Department of Health and Human Services, National Institutes of Health, National Cancer Institute; 2022. https://cancercontrol.cancer.gov/sites/default/files/2022-07/Monograph_23-FullVolume_Final_071422.pdf

programs beginning in high school, and healthcare-related career fairs for students in middle school.

MSK's program **Radiology: Giving Back to New York City**, now in its 20th year, selects students from NYC public high schools to explore careers in healthcare. The **Human Oncology and Pathogenesis Program (HOPP) Summer Student Program** provides promising high school students an unparalleled opportunity to work with world-class researchers. The program is committed to attracting students from underrepresented groups in medicine. **MSK's Summer Exposure Program**, initiated as part of a grant awarded to MSK by the NCI, provides exposure and support to underrepresented and under-resourced NYC high school students interested in pursuing careers in health professions.

MSK also offers postbaccalaureate and Graduate Medical Education opportunities, including approximately 100 clinical training programs encompassing nearly all clinical departments ranging from residency level programs to advanced fellowship programs. **The Gerstner Sloan Kettering Graduate School of Biomedical Sciences** doctoral program trains basic laboratory scientists to work in research areas related to human disease, with a focus on cancer. MSK also offers medical students mentorship experience in research and clinical oncology. **The Weill Cornell Graduate School of Medical Sciences, Sloan Kettering Division** is a collaboration between Weill Cornell Medical College and MSK's Sloan Kettering Institute that trains new biomedical researchers.

Our **Continuing Medical Education (CME)** helps community practitioners address cancers they may encounter in practice. In 2021, there were 6,507 registered participants for MSK's live CME courses. MSK offered 248 CME activities and provided over 82,000 credits to participants. The CME program maintains its educational offerings at mskcc.org/cme.

Information about additional MSK educational initiatives is in the *Comprehensive List of Community Benefit Programs* on page 22.

COMMUNITY SERVICE HIGHLIGHTS 2019-2022

The 2019-2022 Community Service Plan

In 2019, MSK submitted its 2019-2022 Community Health Needs Assessment and Comprehensive Community Service Plan. It was scored highly by the NYS Department of Health and was recognized by New York State reviewers as a strong example among New York hospitals.

The plan helped advance three areas within the “Preventing Chronic Disease” section of the *New York State Prevention Agenda*: Prevention Care and Management; Tobacco Prevention; and Healthy Eating and Food Security.³ Despite disruptions to programming as a result of the COVID-19 pandemic, MSK successfully implemented its interventions, and in several cases, exceeded the original goals (see Appendix E for an overview of program impact).

In 2020, the NYS Department of Health waived the requirement for hospitals to submit 2020 CSP Updates in their traditional narrative and workplan formats. Instead, MSK completed a 14-question online questionnaire regarding how COVID-19 impacted our planned interventions. In 2021, we submitted our 2021 CSP Workplans to the Department of Health, providing updates on the progress of our interventions.

COVID-19 Response

The COVID-19 pandemic brought unprecedented challenges to our communities. One of the ways MSK responded was by providing online educational support to patients and caregivers who were concerned about how the virus would impact their cancer care. During 2020-2021, MSK hosted 24 weekly virtual **Patient Information Sessions** in English and Spanish to inform patients and caregivers about how to continue treatment and care, and answer their immediate questions. We also engaged in outreach and invited the community to ask questions on topics including prevention, screenings, navigation, caregiving health and wellness, among others. Nearly 10,000 viewers watched MSK’s Patient Information Sessions. These were also shared through our social media channels and posted to MSK’s English and Spanish websites, drawing nearly 30,000 additional replays.

Since January 2020, MSK provided 1,206 online support and education groups in a safe virtual setting. These were attended by 14,469 people. MSK also published 20 resources addressing various topics related to COVID-19 in our **virtual patient education library**. These have received over 12 million views.

Once the COVID-19 vaccines became available, MSK made sure they were accessible to as many of our patients as possible. We set up temporary vaccination sites at the MSK Ralph Lauren Center in Harlem, the MSK Brooklyn Infusion Center in Downtown Brooklyn, and MSK Nassau in Long Island. MSK also took the extraordinary step of partnering with New York City and the Abyssinian Baptist Church to establish a vaccine site at the historic church in Harlem. MSK staff administered over 12,000 doses of vaccine to church and community members.

MSK responded to the sudden increase in need for food suffered by many during COVID-19. MSK’s **Food to Overcome Outcome Disparities (FOOD) Pantry** delivered more than 10,000 bags of groceries to more than 600 cancer patients, triple the normal volume, with the assistance of TLC taxi drivers participating

³ The New York State Prevention Agenda is New York State’s health improvement plan. Available at: https://www.health.ny.gov/prevention/prevention_agenda/2019-2024/

in MSK's **Taxi Network** (see page 31 for more about the Taxi Network program).

MSK also supported patients, their families, and staff to vote safely during the 2020 general election by providing **voter information kiosks** at 14 MSK sites throughout our catchment area. MSK's voter initiatives helped guide 635 individuals to voter registration guidelines and absentee ballot procedures.

Educational Programming in Multiple Languages

In addition to offering special COVID programming, MSK continued to produce online and print resources in multiple languages, including Albanian, Arabic, Bengali, Chinese, French, German, Greek, Gujarati, Hebrew, Hindi, Italian, Japanese, Korean, Polish, Portuguese, Punjabi, Russian, Spanish, Ukrainian, Urdu, Vietnamese, and Yiddish. All materials produced are available to the public in a virtual patient education library at mskcc.org/pe. The library hosts over 5,000 educational resources and had over 88 million views since 2020.

Equality, Diversity, and Inclusion

Cancer does not discriminate, and MSK is striving to ensure our organization can provide high-quality cancer care to all people living in the diverse communities we serve. In 2020, MSK redoubled its commitment to equality and social justice, establishing an **Office of Health Equity** and naming Dr. Carol Brown as **Chief Health Equity Officer**.

Our **equality, diversity, and inclusion (EDI)** efforts are helping to develop and strengthen a workforce that has the necessary skills and cultural competencies to welcome, connect with, and provide care to all. In 2019, Tomya Watt was named the first **Chief Diversity Officer**, and alongside members of MSK's EDI Governance Group and Council, set inaugural goals for the institution. We are listening, learning, and moving to action in order to effect change. MSK has pledged an institutional commitment to fight systemic racism, create better employment and advancement opportunities for people of color, and become a more inclusive and diverse institution. We believe this is fundamental to driving innovation and to achieving our mission of saving and extending lives by delivering world-class cancer care, research, and education.

We provide current staff with education and training on EDI and gender identity topics, with the option to attend talks and workshops featuring subject matter leaders and experts. Our training and recruitment efforts are focused on developing and attracting leadership, faculty, managers, and other staff from underrepresented groups in medicine. To help meet our goals, we partner with several workforce development organizations, including OneTen, CareerWise New York, the NY Jobs CEO Council, and Reimagine NY State Pathways Pledge.

Our commitment to EDI also extends to the way we choose to engage with diverse suppliers for the benefit of overall economic health and community vitality. In 2023, MSK will continue implementation of a Supplier Diversity Program.

Medicaid Managed Care Network Expansion

An important success for MSK and all New Yorkers in 2022 was the passage of a new law that will expand in-network access to National Cancer Institute (NCI)-designated cancer centers through New York State's Medicaid, Essential Plan, and ACA managed care plans.

For decades, most New Yorkers with Medicaid and other publicly funded managed care plans did not have in-network coverage for cancer care at MSK. While MSK treats many New Yorkers enrolled in publicly funded managed care plans, these patients frequently face delays as they must seek out-of-network plan authorizations. Research has shown that a lack of commercial insurance, as well as low-socioeconomic status, are barriers to care at NCI-designated cancer centers such as MSK.⁴

MSK doctors and staff have spent years reaching out to state lawmakers regarding the urgent need for state-backed health plans to contract with NCI-designated cancer centers to expand access to world class cancer care, especially to those in underserved communities. Due in part to MSK's advocacy in partnership with patient advocacy groups, New York State's 2022 Executive Budget included a key provision that requires all New York Medicaid managed care plans, Essential Plans, and Qualified Health Plans offered on the New York State of Health Exchange to contract with any of the state's seven NCI-designated cancer centers that are willing to participate.

As a result, New Yorkers who receive a cancer diagnosis, especially those in underserved communities who are disproportionately enrolled in coverage through Medicaid and the New York State of Health, will now have improved access to cancer screening, diagnostic services, and the most specialized treatment and leading-edge clinical trials at MSK.

Contracting is actively underway to include MSK in these plans for 2023. Helping New Yorkers become aware of this new benefit will be a priority for MSK in 2023 and beyond.

⁴ Wolfson, J.A., Sun, C.-L., Wyatt, L.P., Hurria, A. and Bhatia, S. Impact of care at comprehensive cancer centers on outcome: Results from a population-based study. *Cancer*, 2015;121: 3885-3893. <https://doi.org/10.1002/cncr.29576>

2022–2024 COMMUNITY HEALTH NEEDS ASSESSMENT

Community Description

As shown in Table 2, the MSK catchment area encompasses 23 counties across New York, New Jersey, and Connecticut, and nearly 22 million people. The target service population includes children and adults in need of cancer screening, diagnosis, treatment, or survivorship resources. MSK has made a special commitment to addressing cancer disparities in Harlem through the MSK Ralph Lauren Center, and in Nassau County, through MSK Nassau.

Table 2 MSK Catchment Area

STATE	COUNTY	POPULATION
New York	Bronx, Kings, New York, Nassau, Orange, Queens, Richmond, Rockland, Suffolk, and Westchester	13,568,746
New Jersey	Bergen, Essex, Hudson, Hunterdon, Middlesex, Monmouth, Morris, Ocean, Passaic, Somerset, Union, and Warren	7,416,867
Connecticut	Fairfield	957,511
	TOTAL:	21,943,124

Area Demographics

Per capita income in the metro area (\$47,364) is roughly 25% higher than for the rest of the United States. The poverty rate is 12.9%, which is on par with the US average.⁵ However, there is tremendous diversity in the region, and with that, disparities: less than half of residents (44%) identify as white and 29.4% of people in the area are foreign-born.⁶

Racism, its legacy, and additional barriers for certain populations have generated geographic and ethnic/racial disparities. Within New York City, for example, the poverty rates of Asian, Black, and Latino New Yorkers (23%, 19%, and 23%, respectively) are nearly twice that of white New Yorkers (12%).⁷ Residents of Central Harlem, where MSK’s Ralph Lauren Center is located, have higher rates of poverty, unemployment, and rent burden (a rent that is more than 30% of income), than in the rest of New York City.⁸

Similarly, Nassau County, home to MSK Nassau in Uniondale, Long Island, also exhibits significant disparities. Uniondale is 40.5% Hispanic and 35% Black or African American.⁹ Poverty is low countywide: 5.7% of residents fall below the poverty guidelines, but among Hispanics the poverty rates are double

⁵ U.S. Census Bureau (2021). *American Community Survey 1-year estimates*. Retrieved from *Census Reporter Profile page for New York-Newark-Jersey City, NY-NJ-PA Metro Area* <https://censusreporter.org/profiles/31000US35620-new-york-newark-jersey-city-ny-nj-pa-metro-area/>

⁶ U.S. Census Bureau (2021). *American Community Survey 1-year estimates*. Retrieved from *Census Reporter Profile page for New York-Newark-Jersey City, NY-NJ-PA Metro Area* <http://censusreporter.org/profiles/31000US35620-new-york-newark-jersey-city-ny-nj-pa-metro-area/>

⁷ Poverty Tracker Research Group at Columbia University, Robin Hood, *The State of Poverty and Disadvantage in New York City, Volume 4*. https://robinhoodorg-wp-production.s3.amazonaws.com/uploads/2022/04/PT_Annual2021_final.pdf

⁸ Hinterland K, Naidoo M, King L, Lewin V, Myerson G, Noubissi B, Woodward M, Gould LH, Gwynn RC, Barbot O, Bassett MT. *Community Health Profiles 2018, Manhattan Community District 10: Central Harlem*; 2018; 10(59):1-20. <https://www1.nyc.gov/assets/doh/downloads/pdf/data/2018chp-mn10.pdf>

⁹ U.S. Census Bureau (2021). *QuickFacts, Uniondale, NY* <https://www.census.gov/quickfacts/fact/table/uniondalecdpnewyork/PST045221>

that: 12.1%. Only 4.1% of the county is uninsured, but within that group, 43% are Hispanic and 13% are Black. The *2019-2021 Nassau County Community Health Assessment* found that a significant part of Nassau County's population in underserved communities experience poor health outcomes and conditions.¹⁰ MSK is a proud partner of the Nassau County Department of Health's Office of Health Equity in the effort to address cancer health disparities.

Cancer

Substantial progress has been made in reducing cancer mortality: improvements in treating the most common cancers (lung, colorectal, breast, and prostate) have led to an estimated 3.5 million fewer cancer deaths from 1991 to 2019. However, cancer continues to be a leading cause of death. The top three leading causes of death in 2021 were heart disease, cancer, and COVID-19.¹¹

In 2022, an estimated 1.9 million new cases are expected across the U.S. Breast cancer is expected to be the most diagnosed cancer, followed by prostate, then lung cancer. An estimated 40 out of 100 men and 39 out of 100 women will develop cancer during their lifetime.¹² Specifically in New York State, the American Cancer Society estimates there will be 118,830 new cancer cases and 32,230 deaths. From 2014 to 2018, the overall cancer incidence rates in New York City exceeded the overall United States incidence rates. In New York City, the top four types of new cancer cases in 2022 are estimated to be prostate, breast, lung, and colorectal. The top four cancer deaths in 2022 are expected to be lung, pancreatic, colorectal, and breast.¹³

The diagnosis and treatment of cancer has been adversely affected by the COVID-19 pandemic. In April of 2020, at the peak of the pandemic, screenings for breast, colon, prostate, and lung cancers were lower by 85%, 75%, 74%, and 56%, respectively. Reduced access to care because of health facility closures and fear of COVID-19 exposure resulted in delays in cancer diagnosis and treatment. It is anticipated that those delays may lead to increased morbidity and mortality for years to come.¹⁴

Given MSK's cancer expertise, the MSK 2021-2024 Community Health Needs Assessment focuses on how community members in our catchment are affected by cancer and what can be done to mitigate cancer disparities. Cancer disproportionately affects people with lower incomes. There are also persistent disparities by race and ethnicity. For example:

- Black men have the highest overall mortality rate: 19% higher than white men.
- Black women have 41% higher breast cancer death rates than white women despite similar incidence rates
- Hispanic people have cervical cancer incidence rates that are about 30% higher, and liver and stomach cancer incidence rates that are about double those of white people.¹⁵

¹⁰ Nassau County Department of Health, *2019-2021 Nassau County Community Health Assessment*

https://www.nassaucountyny.gov/DocumentCenter/View/27781/Nassau-County-DOH-CHA_CHIP-2019-2021?bidId=

¹¹ Ahmad FB, Cisewski JA, Anderson RN. *Provisional Mortality Data — United States, 2021*. MMWR Morb Mortal Wkly Rep 2022;71:597-600. DOI: <http://dx.doi.org/10.15585/mmwr.mm7117e1>

¹² Siegel, RL, Miller, KD, Fuchs, HE, Jemal, A. *Cancer statistics, 2022*. CA Cancer J Clin. 2022. <https://doi.org/10.3322/caac.21708>

¹³ American Cancer Society. Cancer Statistics Center – New York at a Glance <https://cancerstatisticscenter.cancer.org>

¹⁴ Siegel, RL, Miller, KD, Fuchs, HE, Jemal, A. *Cancer statistics, 2022*. CA Cancer J Clin. 2022. <https://doi.org/10.3322/caac.21708>

¹⁵ American Cancer Society. *Cancer Facts & Figures 2022*. Atlanta: American Cancer Society; 2022.

<https://www.cancer.org/content/dam/cancer-org/research/cancer-facts-and-statistics/annual-cancer-facts-and-figures/2022/2022-cancer-facts-and-figures.pdf>

Tobacco Use

Tobacco use is a preventable cause of cancer, increasing the risk of at least 12 cancers: oral cavity and pharyngeal, laryngeal, lung, esophageal, pancreatic, uterine and cervical, kidney, bladder, stomach, colorectal, liver, and myeloid leukemia.¹⁶ The adult cigarette smoking rate in New York State achieved a new low of 12% in 2020, which is lower than the U.S. rate of 15.5%. However, diseases caused by smoking and secondhand smoke kill more than 22,000 New Yorkers and another 650,000 adults live with a chronic disease caused by smoking. Tobacco is also problematic because of the evident disparities for the most vulnerable. Smoking rates in New York are highest among adults who are enrolled in Medicaid, who are unemployed, have lower income, who report frequent mental distress, have less than a high school education, or who live with a disability. The New York State Department of Health therefore finds that tobacco use is a significant public health problem.¹⁷

Community Input Process

To update our understanding of current cancer-related needs within our catchment, in 2022, MSK invited community stakeholders to participate in MSK's Community Health Needs Assessment Leadership Forum and to help disseminate a community survey developed by Greater New York Hospital Association (GNYHA). This process was overseen by the MSK Community Health Needs Assessment Committee, which then analyzed results.

MSK Community Health Needs Assessment Committee

The MSK CHNA Committee harnesses perspectives, expertise, and external partnerships held by entities across the institution. In addition to ensuring collaboration and shared resources, the committee contributes to institution-wide understanding of the needs affecting our patients and community. CHNA Committee members included MSK departments and programs that provide or support community benefits and services to our patients and to the community at large, especially to underserved and vulnerable populations. CHNA Committee members represented the following MSK areas:

- Community Engagement & Health Equity
- Immigrant Health and Cancer Disparities Service
- MSK Direct
- MSK Ralph Lauren Center
- Office of Health Equity
- Patient & Community Education
- Regulatory Affairs
- Strategy & Innovation

The CHNA Committee reviewed external data sources highlighting leading cancer-related health needs and barriers. Data analyzed included cancer incidence, prevalence, and mortality; and health trends among people with cancer, the general public, and multicultural populations. In addition, MSK reviewed the impact, strengths, and challenges of our 2019–2021 CSP interventions and initiatives to inform our discussion guide seeking community input for the 2022–2024 CHNA-CSP.

¹⁶ American Cancer Society. *Cancer Prevention & Early Detection Facts & Figures 2021-2022*. Atlanta: American Cancer Society; 2021. <https://www.cancer.org/research/cancer-facts-statistics/cancer-prevention-early-detection.html>

¹⁷ New York State Department of Health. *New York State Department of Health Announces Decline in Adult Smoking Rate to All-Time Low*. https://www.health.ny.gov/press/releases/2022/2022-06-03_adult_smoking_rate.htm ([Figure 8](#))

Community Engagement

The CHNA Committee identified MSK community partners serving the areas surrounding MSK's hospital and outpatient facilities. Invitations to partner in our community health needs assessment were sent to 225 community representatives from which 60 organizations serving underserved populations participated in the CHNA Leadership Forum and helped disseminate the CHNA survey to their audiences. Participants included representatives from: community-based organizations and local health agencies, local government officials, healthcare providers, businesses, healthcare advocates, and labor unions. Invitations were also made to the community at large through our website. For the full list of partners, please see Appendix D.

2022-2024 CHNA Leadership Forum

MSK's CHNA Leadership Forum was held in May 2022. Participants were assigned to groups ranging in size between 6-12 people and were asked to speak on behalf of the diverse localized populations their organizations and agencies serve including Harlem, Queens, Brooklyn, New Jersey, Long Island, and Westchester.

MSK chose a virtual format to support a safe meeting environment during COVID-19. MSK presented information about cancer prevalence, treatment, and mortality rates; an overview of MSK patient population demographics and locations; and a progress report on our impact and response to their feedback within the previous 2019-2022 CHNA-CSP.

Discussion

The CHNA Committee developed a discussion guide (see Appendix B) to support discussion. The guide supported defining cancer-related health priorities and concerns facing area residents (especially for diverse and medically underserved populations) and exploring opportunities for MSK to partner with community-based organizations to address health disparities.

Leadership Forum Results

Leading health needs were identified by group consensus. Table 3 presents the needs in 5 broad areas for improving cancer outcomes: Social Determinants of Health, Access to Clinical Services, Language and Cultural Sensitivity, Social Support and Community Partnerships. After the forum, the findings were reshared with our CHNA partners for confirmation and additional feedback.

Table 3 MSK 2022-2024 CHNA Leadership Forum Results

Social Determinants of Health	Access to Clinical Services	Language and Cultural Sensitivity	Social Support	Partnerships
<ul style="list-style-type: none"> • Access to affordable and nutritious foods • Education about how nutrition affects health • Education on preventing cancer • Transportation • Insurance • Financial Assistance (including costs needed to receive treatment) 	<ul style="list-style-type: none"> • Cancer Screening • Smoking Cessation • HPV Vaccination 	<ul style="list-style-type: none"> • Interpreters and translated educational materials • Compassionate staff that know the community they are serving and who patients can identify with • Information at the correct reading level 	<ul style="list-style-type: none"> • Caregivers support • Support Groups and Counseling • Assistance on how to access cancer care 	<ul style="list-style-type: none"> • Partnerships across community-based organizations toward serving identified populations • Increased communications and awareness within the social services sector of available services and resources

Greater New York Hospital Association (GNYHA) CHNA Survey

MSK participated in GNYHA’s CHNA Survey Collaborative, comprised of 14 hospitals and health systems. The Collaborative was convened to support and streamline hospital efforts in identifying leading community health needs and help meet the requirements of the Federal CHNA and the New York State CSP. Member hospitals agreed to disseminate a survey that was then analyzed by GNYHA. More than 17,600 community residents throughout New York and New Jersey responded the 10-minute anonymous survey, with 70% completing the entire survey, which was disseminated electronically and in print in the 11 most popular languages in our region

Each participating hospital engaged its own network of partners in the survey dissemination. MSK engaged its 63 partners in dissemination, inviting them to share it with their clients and members. MSK’s CHNA survey dissemination plan also included: email to our community newsletter subscribers; posting on the MSK employee intranet, patient portal, and mskcc.org website; and distribution at in-person outreach event, outpatient facilities.

The GNYHA CHNA Survey results revealed that the top needs according to the community are dental care, violence (including gun violence), cancer, COVID-19, and heart disease. This ranking is displayed in Table 4. Appendix C includes a fuller display of survey findings.

Table 4 GNYHA Survey: Importance Ratings

Health Condition	Importance Rank
Needs Attention	
Violence (including gun violence)	2
Mental health/depression	8
Stopping falls among elderly	9
Maintain Efforts	
Dental care	1
Cancer	3
COVID-19	4
Heart disease	5
Access to healthy/nutritious foods	6
High blood pressure	7
Women's and maternal health care	10
Arthritis/disease of the joints	11
Diabetes/elevated sugar in the blood	12
Adolescent and child health	13
Relatively Lower Priority	
Obesity in children and adults	14
Substance use disorder/drug addiction (including alcohol use disorder)	16
Cigarette smoking/tobacco use/vaping/e-cigarettes/hookah	18
Hepatitis C/liver disease	19
Sexually Transmitted Infections (STIs)	20
HIV/AIDS (Acquired Immune Deficiency Syndrome)	21
Asthma/breathing problems or lung disease	15
Infant health	17

Priorities for 2022-2024

Needs That Will Be Addressed and Not Addressed

MSK has a long-standing commitment to address many of the cancer-related needs that were mentioned in the CHNA Leadership Forum. The Forum also emphasized that partnerships and collaboration are critical to serving MSK's catchment. MSK will continue to build its partnerships.

The GNYHA survey also confirmed cancer as an important concern. It additionally identified dental care, violence, heart disease, and COVID-19 as top issues. MSK will continue to partner with government agencies to address COVID-19 if the epidemic requires it, but providing dental care, and preventing violence and heart disease are not within MSK's expertise to address. There are numerous other organizations and agencies within the metro area prioritizing these topics.

Priorities

An additional important input for the CHNA is the New York State Prevention Agenda. The Prevention Agenda calls attention to leading causes of preventable illness and death and provides a pathway for hospitals to help "make New York the healthiest state for people of all ages." In his August 2021 letter,¹⁸ the NYS Commissioner of Health asked hospitals to identify and address local health priorities associated with the Agenda.

As noted above, cancer is a leading cause of death, a leading concern for the community, and the Prevention Agenda's "Preventing Chronic Disease" goals call for specific actions toward cancer screening and prevention. MSK's program of community benefit will therefore continue to include its array of cancer-focused community benefit that includes research, education, patient financial assistance, and patient screening and care. In addition, MSK will continue to support the **Tobacco Prevention and Chronic Disease Preventive Care and Management** Focus Areas of the New York State Prevention Agenda, as was done in the MSK Community Service Plan 2019-2022.

¹⁸ NYS DOH Commissioner Letter to Hospitals, dated August 2021. Available at https://health.ny.gov/prevention/prevention_agenda/2019-2024/docs/letter_and_community_health_planning_guidance_2022_2024.pdf Accessed on October 22, 2022

2022-2024 COMMUNITY SERVICE PLAN SUPPORTING THE NYS DOH PREVENTION AGENDA

Over the next three years, MSK will contribute to the NYS DOH Prevention Agenda **Tobacco Prevention** and **Chronic Disease Preventive Care and Management** subsections by implementing evidence-based strategies across our catchment area, with added intensity for populations at higher risk of cancer mortality, especially low-income and Black and Latinx populations. Our strategies are summarized in Table 5 and Appendix G: 2022-2024 CSP Workplan.

Table 5 NYS-Recommended Strategies supported through the MSK 2022-2024 Community Service Plan

Prevention Agenda Goal	Strategies MSK will Undertake ¹⁹
Goal 3.1 Prevent initiation of tobacco use	<p>3.1.1 Increase Tobacco Control Program Funding to the CDC-Recommended level, to ensure a comprehensive tobacco control program.</p> <p>3.1.2 Use media and health communications to highlight the dangers of tobacco, promote effective tobacco control policies and reshape social norms.</p>
Goal 3.2: Promote tobacco use cessation	<p>3.2.1 Assist medical and behavioral health care organizations and provider groups in establishing policies, procedures, and workflows to facilitate the delivery of tobacco dependence treatment, consistent with the Public Health Service Clinical Practice Guidelines, with a focus on Federally Qualified Health Centers, Community Health Centers, and behavioral health providers.</p> <p>3.2.3 Use health communications targeting health care providers to encourage their involvement in their patients' quit attempts encouraging use of evidence-based quitting, increasing awareness of available cessation benefits (especially Medicaid), and removing barriers to treatment.</p>
Goal 4.1 Increase cancer screening rates for breast, cervical, and colorectal cancers	<p>4.1.3 Use small media such as videos, printed materials (letters, brochures, newsletters) and health communications to build public awareness and demand.</p> <p>4.1.5 Remove structural barriers to cancer screening such as providing flexible clinic hours, offering cancer screening in non-clinical settings (mobile mammography vans, flu clinics), offering on-site translation, transportation, patient navigation and other administrative services and working with employers to provide employees with paid leave or the option to use flex time for cancer screenings.</p>

Prevention Agenda Goal 3.1: Prevent initiation of tobacco use

MSK is aligned with New York State in **supporting full funding for the NYS Tobacco Control Program (3.1.1)** as recommended by the CDC to ensure a comprehensive tobacco control program. Over the next

¹⁹ From the NYS Prevention Agenda and the New York State Prevent Chronic Diseases Action Plan https://health.ny.gov/prevention/prevention_agenda/2019-2024/docs/ship/chr.pdf

three years MSK will work with trade associations and advocacy organizations such as the American Cancer Society Cancer Action Network in supporting this goal. MSK will take part in educational efforts to inform leaders about the importance of tobacco control.

MSK additionally recognizes the value of using **media and health communications (3.1.2)** to highlight the dangers of tobacco, promote effective tobacco control policies and reshape social norms. MSK has hundreds of thousands of followers across its social media channels and frequently shares easy to understand information about cancer and how to prevent it. **Over the next two years, we will identify at least two annual opportunities – through social media and/or news media – to share information with our audiences about the dangers of tobacco, the benefits of tobacco cessation, and how tobacco impacts cancer.** We will particularly seek opportunities to reach the low-income, Black, and lesbian, gay, bisexual, transgender, and queer (LGBTQ) audiences that are targeted by tobacco companies.

Opportunities for action also include Lung Cancer Awareness Month (November), Oral Cancer Awareness Month (April), the Great American Smokeout and Spit Out, and World No Tobacco Day.

Prevention Agenda Goal 3.2: Promote tobacco use cessation

MSK has programs that aim to meet the tobacco prevention and treatment needs of vulnerable subpopulations and address disparities and inequities in tobacco treatment access and utilization.

MSK screens patients for tobacco use and follows standardized practices to help patients quit. Our **Tobacco Treatment Program (TTP)**, which is available to both the community and MSK patients, is dedicated to reducing tobacco-related cancer burden through clinical care, education and training, community outreach and collaboration, and conducting rigorous, innovative tobacco prevention and treatment research. TTP provides tobacco users with behavioral counselling and support in the use of tobacco cessation medications. **Over the next two years, we will aim to screen 90% of MSK patients for tobacco status and to successfully refer 80% of current users to TTP services**, including at the MSK RLC in Harlem, or remotely through the TTP and community cessation services (the New York State Quitline). TTP will offer individual and group tobacco cessation support.

We also offer education and training to build tobacco cessation care capacity in the workforce and help **facilitate the delivery of tobacco dependence treatment (3.2.1).**

The **Tobacco Treatment Training in Oncology (TTT-O) Program** is a two-day education and training program on tobacco treatment in cancer care. The TTT-O is dedicated to building oncology workforce capacity in tobacco control by training oncology care providers to implement tobacco use assessment and treatment (TUAT) in their cancer care settings. It addresses tobacco-related disparities by training oncology providers to work with diverse patient populations and emphasizes teaching clinicians empathic communication to reduce smoking-related stigma experienced by cancer patients. **Over the next two years, the project will aim deliver hybrid TTT-O education and training to at least 200 multidisciplinary cancer care providers from diverse cancer practice settings**, and evaluate the impact and sustainability of the TTT-O on both individual providers and community-based cancer care settings.

The program will collaborate with local physician/medical groups to further support MSK's goal of providing TUAT training to clinicians caring for underserved populations.

We will also continue our intensive 4-day **Tobacco Treatment Training for Specialists (TTTS)**, the only accredited program in New York City dedicated to training multidisciplinary clinicians and community health workers, many of whom serve low-income and other vulnerable populations. **Over the next two years, the TTTS will conduct four intensive trainings for care providers and community health workers.** Each training will reserve sponsored seats for at least three staff members serving priority populations identified in partnership with the NYC DOHMH.

As part of our 2022-2024 Community Service Plan, we will use **health communications targeting health care providers (3.2.3)** to encourage their involvement in their patients' quit attempts and the use of evidence-based quitting, increase awareness of available cessation benefits (especially Medicaid), and remove barriers to treatment.

Moving forward, MSK will **share materials with community physicians and Federally Qualified Health Centers (FQHC) in multiple languages to support them in their tobacco cessation treatment efforts.**

Prevention Agenda Goal 4.1: Increase cancer screening rates for breast, cervical, and colorectal cancers

Memorial Sloan Kettering Cancer Center offers its communities education about and access to screenings for various cancers, including breast, cervical, colorectal, prostate, and lung cancers.

In 2022-2024, we will use **small media (4.1.3)** to build awareness among targeted audiences of the importance of cancer screening and demand for screening services. MSK has a team of health education specialists who collaborate with MSK's expert healthcare providers to equip people with cancer, their caregivers, and the public with accurate, reliable information about cancer and how to prevent and treat it. Materials about cancer prevention and screening for breast, colorectal, gynecologic, lung, skin, and prostate cancers are written for a middle school reading level in English, Spanish, and other languages. **We will share these materials with 15-20 community and faith-based partners annually.**

In addition, MSK has hundreds of thousands of followers across its social media channels. We regularly hold talks and create content on the importance of cancer screening for breast, colorectal, and cervical cancer and share this content and information across our platforms to reach the largest audience possible.

We will produce 1-2 small media assets (e.g., videos, podcasts, blog posts) per year which will be shared with 15-20 community and faith-based partners annually. These will engage the evidence base around effective messaging and will be targeted to populations that experience cancer disparities that MSK works with in Queens, Brooklyn, and Nassau County.

Early detection and regular screening exams can improve cancer treatment outcomes. MSK offers screenings for different types of cancer throughout our catchment area. We offer annual breast screening mammograms at MSK facilities in New York City, Long Island, and New Jersey for those with a prescription. Lung cancer screening is also available at select locations for people who meet the eligibility requirements of age, years smoked, and smoking status.

We will work to **remove structural barriers (4.1.5)** to cancer screening to make screening more accessible. For example, mammograms without a prescription, as well as screenings for colorectal, cervical, prostate, and lung cancers are available at the MSK RLC in Harlem.

Further, through the New York State Department of Health's Cancer Services Program (CSP), uninsured individuals can be screened at no out-of-pocket cost for breast, cervical, and colorectal cancers at MSK RLC. **Over the next two years, the cancer screening program at MSK RLC will aim to provide breast, colorectal, cervical, and prostate cancer screenings at no out-of-pocket cost to a minimum of 600 eligible individuals** between the ages of 21 and 65 with an income of less than \$25,000. It will also aim to **screen 3,000 women for breast cancer, 200 women for cervical cancer, 300 individuals for colorectal cancer, and 75 men for prostate cancer.**

MSK Nassau in Uniondale on Long Island is also piloting a cancer screening program, which grew out of a COVID-19 vaccination pop-up clinic partnership with the Nassau County Department of Health that vaccinated approximately 400 Nassau County residents. MSK Nassau's cancer screening program offers screenings for breast, colorectal, prostate, and lung cancers, as well as screenings through the CSP. **Over the next two years, MSK Nassau will work with local government to implement an outreach campaign to increase the number of people who receive cancer screenings.** The campaign will include cancer awareness events with community partners, as well as targeted outreach to people eligible for the NYS Cancer Services Program. It will provide the opportunity for people to be screened for cancer at MSK Nassau.

MSK has community outreach programs that assist with improving access to cancer screening. These include MSK's Mobile Health Unit, which visits community groups throughout the New York City area each week and offers health and nutrition education, blood pressure and cholesterol level checks, and glucose measurement, as well as MSK's Arab Health Initiative, Taxi Program, and Ventanilla de Salud at the Mexican Consulate. (Please find more information about these programs in the section *Comprehensive List of MSK Community Benefit Programming* beginning on page 22.) These teams can schedule cancer screening appointments at MSK Ralph Lauren Center.

Over the next two years, MSK's Arab Health Initiative aims to help 300 women get screenings for breast and cervical cancers and help at least 50 people access colorectal cancer screening. Our Taxi Program aims to help 50 drivers get screenings for colorectal cancer and 75 drivers get screenings for prostate cancer. Ventanilla de Salud will aim to have navigated at least 300 eligible men and women into cancer screening, with our Mobile Health Unit aiming for at least 450. Combined, these four programs aim to reach thousands of people through dozens of cancer screening and educational events over the next two years.

MSK looks forward to 2023, when new legislation goes into effect that requires all New York Medicaid managed care plans and qualified health plans on the New York State of Health Exchange to contract with any of the state's NCI-designated cancer centers that are willing to participate. This legislation will allow more New Yorkers to access the cancer screening MSK offers at our NY locations, as well as care at these locations should they receive a cancer diagnosis following routine screening.

COMPREHENSIVE LIST OF MSK COMMUNITY BENEFIT PROGRAMMING

MSK's full ongoing community benefit portfolio includes the following:

- **Breakthrough Research** that addresses the needs of our patients and communities.
- **Health Sciences Education and Training** that is creating a diverse new generation of scientists and healthcare professionals.
- **Compassionate and Accessible Screenings and Care.** We go beyond the ordinary delivery of cancer care treatments and provide services and care that acknowledge the whole person and their social circumstances.
- **Health Education.** We empower people with educational resources that foster a greater understanding of cancer, how to prevent it, and how to treat it.
- **Environmental Sustainability** that supports a healthy environment and creates the conditions for healthy people and communities.
- **Community Partnerships.** We engage community partners in promoting equity and well-being across the regions we serve.

Breakthrough Research

In addition to providing patients with the best possible cancer care, MSK maintains an extensive research program. MSK scientists are among the most-cited researchers in the world. At any given time, MSK doctors are leading hundreds of clinical trials to improve treatment strategies for adult and pediatric cancers. Between 1980 and 2015, the US Food and Drug Administration approved ten drugs developed in our labs for marketing — a success rate not matched by any other cancer center.

Our Collaborative Research Centers unite scientists and clinicians from multiple area institutions to focus on strategically important areas of cancer research. For example, the MSK Specialized Program of Research Excellence (SPORE) in Lymphoma seeks to improve the cure rate of patients with diffuse large B cell lymphoma (DLBCL) — one of the most common forms of the disease. It is a collaboration between MSK, Weill Cornell Medical College, and the Herbert Irving Comprehensive Cancer Center of Columbia University.

MSK recognizes that people of color have long been underrepresented in clinical trials, a reality that makes cancer health disparities even worse. MSK is working to make it easier for patients from underrepresented groups to enroll in clinical trials, while also building a network of doctors and scientists who are dedicated to increasing equity in cancer research.

We partner with NYC Health & Hospital's Queens Cancer Center, Lincoln Medical Center, Kings County Hospital, and Metropolitan Hospital to open clinical trials at their hospitals that will meet the needs of their patients. For example, this collaboration makes MSK's genomic sequencing test, MSK-IMPACT™, available to their patients. Since 2016, more than 450 patients have had their tumors studied through this clinical trial — and more than half have learned information from the results that could impact their treatment.

Establishing the evidence base for telehealth

Throughout the COVID-19 pandemic, it became essential that patients be able to access care and their providers virtually. Since 2020, MSK has conducted hundreds of thousands of telehealth appointments. A new grant from the National Cancer Institute under the umbrella of the Cancer Moonshot will help

create a first-of-its-kind telehealth research center at MSK. This multidisciplinary center aims to build the evidence base necessary to establish best practices for telehealth-enabled cancer care. Through the grant, a clinical trial will be conducted to help characterize the barriers and facilitators to implementation of telehealth in oncology.

This is critical, because as telehealth services grew exponentially in the U.S. during COVID-19, access has been inequitable, with underrepresented, including limited English proficient, patients less likely to use telehealth than non-Hispanic white, English-speaking patients. This could exacerbate existing outcomes disparities among underserved patients.

Another ongoing MSK clinical trial, Access to Telehealth (AcT) for Underserved Breast Cancer Patients in NYC, aims to improve telehealth access infrastructure in diverse patient populations. Through the trial, patients with cancer receive telehealth capable devices, as well as assistance with home internet access and linguistically responsive education on telehealth navigation.

From January through October 2022, 400 patients in the AcT trial were screened for telehealth needs, and nearly half were provided with refurbished devices donated from MSK. To support this trial, the AcT team has developed dozens of partnerships with local healthcare institutions, safety net hospitals, and community-based organizations.

Health Sciences Education and Training

MSK provides educational and enriching opportunities for students achieving their high school, college, medical, and doctoral degrees, as well as continuing education for practicing healthcare professionals. Our efforts support excellence and diversity in all aspects of healthcare.

High School and College

- MSK's Department of Radiology offers two student programs. For 20 years, the **High School Outreach — Radiology: Giving Back to New York City Program** has provided economically disadvantaged students from NYC public high schools the opportunity to explore careers in healthcare. The **Summer Mentorship Program in Radiology** is available to trainees at different stages in their education. The programs' collaborators include the New York City Department of Education and colleagues from the National Institutes of Health-funded U54 Partnership with the City College of New York.
- The Human Oncology and Pathogenesis Program (HOPP) offers a few programs to high school and undergraduate students. The **HOPP Summer Student Program** provides promising high school students interested in translational research an unparalleled opportunity to work with world-class researchers. The program is committed to attracting students from underrepresented groups in medicine. The **Science Enrichment Program**, funded by the National Cancer Institute, hosts students from financially disadvantaged and diverse backgrounds for one year of in-depth training in cancer biology, laboratory skills, and professional development, leading to internships in lab research or clinical research. The **Research Technician Pipeline (ResTeP) program** is intended to support the career development of undergraduate students from backgrounds underrepresented in the sciences by offering a gap year of research training in an MSK lab through a paid internship. The ResTeP program is currently open to seniors from Hunter College, Brooklyn College, and the City College of New York in New York City and offers introductory coursework in cancer biology and hands-on training in basic laboratory skills to supplement their undergraduate science education.

- The Office of Scientific Education and Training offers undergraduates four 10-week summer research programs in **computational biology, chemical biology, molecular imaging, or engineering**. These programs, which come with a stipend and housing, are geared toward students interested in biomedicine-related careers in these fields.
- **School of Radiation Therapy:** Students are trained to become radiation therapists in this two-year, full-time program of study in radiation oncology technology. MSK's School of Radiation Therapy has produced hundreds of radiation therapists over the past five decades.
- The Office of Education and Faculty Affairs sponsors two summer programs for undergraduates.
 - The **Summer Clinical Oncology Research Experience Program (SCORE)** is an 8-week summer honors program designed to encourage undergraduate students from Hunter College, CCNY, Sophie Davis Biomedical Education Program/CUNY School of Medicine, and the Scholarship Plus Program to consider careers in cancer research. Each student is matched with a mentor and pursues a clinical or laboratory-based research project at MSK.
 - The **Clinical Oncology Open Learning (COOL) Scholars Program** is a special 6-week summer internship designed to encourage undergraduates to consider careers as cancer physicians. The student experience includes clinical learning, participation in multidisciplinary conferences, and 1-on-1 teaching with MSK physicians and staff. This internship takes place at one of MSK's regional network sites in New Jersey, Long Island, or Westchester and is available to students in those areas, including at Stony Brook University, Rutgers University, Monmouth University, Bergen Community College, Purchase College, and the Scholarship Plus Program.
- **Summer Exposure Program:** MSK's Office of Health Equity offers a six-week program that exposes diverse students from select NYC high schools to careers in science, medicine, and research. Since it began in 2005, about 200 New York City high school students have participated in this program.
- **Summer Undergraduate Research Program (SURP):** The Gerstner Sloan Kettering Graduate School of Biomedical Sciences offers college students a ten-week summer research program during which they obtain hands-on research experience in cutting-edge laboratories. Accepted students with research experience who are pursuing careers in biomedically related sciences are offered a stipend and housing. All students deliver research presentations at a poster session at the end of the program, and four exceptional students are named Rubin and Sarah Shaps Scholars at the end of the program.
- **Advanced Practice Provider Program (AP3):** This program aims to introduce students to the day-to-day work of advanced practice providers (APP) in healthcare, specifically Nurse Practitioners (NP), Physician Assistants (PA) and Certified Registered Nurse Anesthetists (CRNA). Pre-health students at Hunter College can join an online symposium to learn about these professions as well as other healthcare professionals, such as physical therapists, research professionals, nurses, and patient care technicians. They can also apply for an opportunity to shadow an MSK advanced practice provider (APP) for one week.

Postbaccalaureate and Graduate Medical Education

- **Medical Students:** MSK offers first- and second-year US medical students an eight- to ten-week research and mentorship experience through our **Medical Student Summer Research Fellowship**. This fellowship gives students the chance to explore research in oncology and biomedical sciences. Students from diverse backgrounds can also apply for this fellowship program through the Office of Health Equity's **Summer Pipeline Program**. MSK also offers medical students observerships as well as clinical and research elective courses to visiting students.
- **Gerstner Sloan Kettering Graduate School of Biomedical Sciences:** MSK's doctoral program trains basic laboratory scientists to work in research areas related to human disease, with a focus on cancer.
- **Cytotechnology Training:** Postbaccalaureate students from Hunter College are offered an advanced certificate in cytotechnology. It is the only cytotechnology training program in New York City and one of few such programs recognized as licensure qualifying in New York State. The one-year intensive is conducted on-site at MSK by our staff.
- **MSKView:** Our one-day symposiums known as MSKView connect graduate students from groups underrepresented in science to MSK faculty, postgraduate opportunities, and careers in biomedical and life science research.
- **Weill Cornell Graduate School of Medical Sciences, Sloan Kettering Division:** A collaboration between Weill Cornell Medical College and MSK's Sloan Kettering Institute, this program trains new biomedical researchers.
- **MSK Bridge:** The MSK Bridge program aims to provide post-baccalaureate trainees from traditionally underrepresented groups in science with a strong foundation in science and research, as well as guided mentoring that will help them successfully transition into biomedical PhD programs. Successful applicants to the program — known as Bridge Scholars — will conduct a research project in one of MSK's scientific laboratories for up to 24 months. Bridge Scholars receive a stipend of \$41,000 per year, health benefits are included, and housing is available through MSK.
- **Internships:** MSK offers several paid summer internships for undergraduates, including opportunities in Digital, Tech & Informatics, Healthcare Administration, and Clinical Assistance. We also partner with several workforce development organizations to provide education, exposure, training, and internship opportunities to people from underrepresented groups in medicine. Some of our partners include:
 - **OneTen**, a national program with 50+ committed companies working towards the goal to upskill, hire and advance one million black individuals within ten years
 - **CareerWise New York**, a youth apprentice program focused on Business Operations, with an opportunity to earn debt-free college credit with 20+ employers committed to building the future of our workforce

- **NY Jobs CEO Council**, a NYC focused program with a goal to hire 100k New Yorkers by 2030 with 30+ CEOs, educational institutions, and nonprofit organizations represented in the Jobs Council
- **Reimagine NY State Pathways Pledge**, a NY-state focused program to help the workforce recover from the pandemic

Continuing Education

- **Advanced Training for Fellows, Residents, and Clinical Observers:** MSK provides highly specialized opportunities for doctors pursuing advanced training in oncology and cancer-related diseases, with a focus on both patient care and clinical research. Our goal is to provide our trainees with top-notch clinical and scientific training and personalized guidance to become outstanding members of the medical community in their respective disciplines. MSK offers approximately 100 clinical programs for more than 2,000 fellows, residents, medical students, and observers annually. We also welcome clinical observers from the US and international institutions. These are healthcare professionals who visit MSK to observe clinical or nonclinical activity for one day to three months.
- Memorial Sloan Kettering’s **Psycho-Oncology Education & Training Institute** is led by faculty members in our Department of Psychiatry and Behavioral Sciences, a global leader in evidence-based medicine in oncology and the original home to this psychiatry subspecialty in cancer. The institute’s goal is to expand training opportunities in psycho-oncology for psychiatrists, psychologists, nurses, and social workers in the oncology setting. CME courses are taught by MSK faculty and open to enrollment by non-MSK providers.
- **The Tobacco Treatment Specialist Training Program** trains clinicians to use evidence-based interventions for tobacco dependence across of range of treatment intensities, in varying contexts, treatment modalities, and with different tobacco-using populations, especially vulnerable populations at a high risk of cancer. In 2019, this program became the first accredited TTS Training Program in New York City.
- **Medical Interpreting Training and Education Program:** With more than twenty years of experience addressing the language barriers in healthcare, our courses at MSK’s Immigrant Health and Cancer Disparities (IHCD) Center train bilingual individuals to become professional medical interpreters. Our highly interactive, student-centered courses include training in ethics, standards, simultaneous and consecutive interpreting, sight translation, and extensive practice in English and in the target languages, including access to our Virtual Language Lab. Medical interpreters empower providers to deliver high quality, personalized care while ensuring satisfaction and most importantly, improved health outcomes for patients.

This training will also be integral to a new pilot program funded by the CCNY-MSKCC Partnership for Cancer Research, Education, and Community Outreach. The program aims to help make cancer treatment for Mandarin-speaking Chinese New Yorkers more accessible. CCNY students fluent in both Mandarin Chinese and English will receive medical interpreting training at MSK and then be deployed via telehealth to assist patients with cancer from all five boroughs of New York City.

- **Continuing Medical Education (MSK CME):** A primary goal of the MSK CME program is to provide practitioners with important information about the diagnosis and treatment of various

cancers they may encounter in practice. The most recent report, from 2021, counted 6,507 registered participants for live MSK CME courses. MSK CME offered a total of 248 CME activities and provided 82,000+ credits to participants. The CME program maintains its educational offerings at mskcc.org/cme.

MSK CME develops tailored, complimentary activities to address the professional development needs of practitioners from diverse backgrounds and those working with diverse communities. Examples of MSK CME accredited activities includes:

- **LGBT Health Workforce Conference** provides an overview of up-to-date practices in preparing the health care workforce to address the health concerns and disparities of lesbian, gay, bisexual, and transgender (LGBT) communities.
- **Cancer Disparities in the Hispanic and Latino Community** focuses on the epidemiology of the most common cancers affecting the Hispanic/Latino community in the US and discusses local and national initiatives to address disparities.
- **Health Equity and Latest Treatment Advances for Endometrial Cancer** reviews recent changes in epidemiology of endometrial cancer and examines national efforts for health equity for women with endometrial cancer.
- **Immigrant Health and Cancer Disparities Service: Health Equity Seminar Series** is for practitioners to increase provider knowledge of the sociocultural and structural barriers that fuel cancer and other health disparities among immigrants.

MSK CME also partners with community organizations such as the Rockland County Medical Society, National Hispanic Medical Association, Chinese American Medical Association, New York Cancer and Blood Specialists (NYCBS), Coalition of Asian-American Independent Physician's Association (CAIPA), and Empire State Medical Association, to provide advanced education about cancer treatments. As an example of partnerships with community organizations, MSK CME offers a **MSK Partnership Tumor Board** for MSK and NYCBS specialists to review complex cases together and treatment strategies that improve patient outcomes.

International Program

- As an international leader in cancer medicine, MSK is committed to programs that extend beyond national presence. As such, MSK established the **Global Cancer Disparities Initiatives (GCDI) Program** in 2011. Its mission is to improve outcomes for cancer patients in sub-Saharan Africa using collaborative research, education, and training.
- In 2013, Dr. Peter Kingham in collaboration with Dr. Isaac Alatisé of Obafemi Awolowo University Teaching Hospital co-founded the **African Research Group for Oncology (ARGO)**. ARGO is an NCI- recognized consortium that provides the framework for research and training. The ARGO consortium began with five institutions and has now grown to 30 institutions across Nigeria. It has developed the tools for prospective cancer databases, biobanks, and clinical trials to address the most pressing clinical questions and service needs in resource-limited environments. In September 2022, MSK's GCDI and ARGO hosted its 9th annual symposium, Integrating Evidence and Innovation in Addressing Cancer Care Challenges in Nigeria. Additionally, throughout the year MSK holds workshops to address a variety of topics from "Publishing in Global Cancer Control," to "Delivery of Safe Chemotherapy," to "Fundamentals of Clinical Research."

Compassionate and Accessible Screenings and Care

MSK aims to keep the patient at the center of everything we do. A cancer diagnosis presents unique challenges – physically, financially, and in many other ways. Our patient-centered programs aim to help ease the burden of a cancer diagnosis by providing a spectrum of support services, because a person diagnosed with cancer needs more than just treatment for their disease. Approaching care holistically leads to better outcomes.

Endometrial Cancer Equity Program

Based at MSK Nassau, this program, which launched in 2021, aims to support women of color diagnosed with endometrial cancer in accessing appropriate care, treatments, and clinical trials that may ultimately help improve outcomes for all people facing these diseases. It also educates local OBGYNs about the symptoms and risk factors of endometrial cancer to help them identify the disease in women earlier.

Food to Overcome Outcomes Disparities Program

Food to Overcome Outcomes Disparities (FOOD) is a hospital-based food pantry program addressing food insecurity among immigrant and underserved people with cancer by providing free, nutritious food, as well as nutrition education and educational materials. The program maintains food pantries and food distribution at 15 cancer treatment sites throughout Manhattan, the Bronx, Queens, Brooklyn, and Long Island. The program has served thousands of patients and provided hundreds of thousands of meal equivalents since it began. During the COVID-19 pandemic in 2020 and 2021, the FOOD program distributed more than 19,000 bags of food – the equivalent of 176,000 meals – to more than 1,300 cancer patients and their families.

Tobacco Treatment Program for Patients

Since the mid-1990s, Memorial Sloan Kettering’s Tobacco Treatment Program has helped thousands of individuals stop using tobacco products. Our team of tobacco treatment experts helps those diagnosed with cancer, people who have never had cancer, and cancer survivors. Our program is open to everyone. We frequently work with physicians in the community to set up customized tobacco cessation plans for patients concerned about the effect of tobacco on their health.

In addition, MSK researchers contribute to national, evidence-based guidelines on tobacco cessation treatment. In 2022, MSK researchers helped author the new NCI Tobacco Control monograph²⁰, *Treating Smoking in Cancer Patients: An Essential Component of Cancer Care*, which provides an updated synthesis of evidence clarifying the need to intervene with patients with cancer who smoke. The monograph also includes opportunities for and challenges to enhancing smoking cessation success in medically underserved and vulnerable populations with cancer who smoke.

Support Groups and Survivorship

MSK is as dedicated to helping people live their lives to the fullest as we are to treating their cancer. We offer 29 support groups that are free and open to the public through our **Department of Social Work**. These groups and programs help address the physical, psychological, emotional, and spiritual needs of people who have been impacted by cancer. Our **Resources for Life After Cancer (RLAC)** program, which is the largest comprehensive program for adult cancer survivors and their families in New York City,

²⁰ U.S. National Cancer Institute. *Treating Smoking in Cancer Patients: An Essential Component of Cancer Care*. National Cancer Institute Tobacco Control Monograph 23. Bethesda, MD: U.S. Department of Health and Human Services, National Institutes of Health, National Cancer Institute; 2022. https://cancercontrol.cancer.gov/sites/default/files/2022-07/Monograph_23-FullVolume_Final_071422.pdf

currently offers 26 educational programs a year. Since 2019, these resources have reached more than 12,000 people. The Department of Social Work also provides programming for and support to caregivers and grieving families. Future plans involve a focus on programming for people of color, young adults, and patients with stage 4 cancer with no evidence of disease.

Mitigating Financial Toxicity

Financial toxicity, or the harmful effect of the high cost of cancer treatment on a person's quality of life, is a growing problem for people with cancer. For many years, MSK has provided financial help to patients who cannot get publicly funded health insurance or cannot afford to pay for their medical care.

The **MSK Financial Assistance Program (FAP)** helps uninsured and underinsured patients with household income up to 500 percent above the federal poverty level — well above the required level of 300 percent. Each application for aid is handled confidentially, in cooperation with the applicant, and is determined based on household income and family size. Hospital and physician fees are reduced or totally forgiven for qualifying patients.

MSK's **Social Work Patient Fund** helps patients cover non-medical care expenses, including travel and housing accommodations. If a patient needs housing assistance, MSK social workers can help connect patients with low-cost or free temporary housing through our local partners. In 2021, the Social Work Patient Fund directed a total of \$3.4 million to help MSK patients with basic needs. Fifty percent of the funds distributed assisted with housing expenses, 30% with transportation, and 20% with other costs, such as food, utilities, clothing, childcare, and household and personal care items.

MSK also recently became the first hospital in the country to **proactively screen patients for financial toxicity**. A survey developed by MSK's Affordability Working Group aims to identify patients at risk of experiencing financial hardship due to their cancer treatment and automatically refers them to an advisor in the Financial Assistance Program.

LGBTQI and Healthcare at MSK

Lesbian, gay, bisexual, transgender, queer, and intersex (LGBTQI) people represent a growing segment of the US population. Collectively, these populations experience barriers to access as well as discrimination within the healthcare system, ultimately leading to underutilization of services. Compounded by higher incidences of social and behavioral risk factors, this results in LGBTQI people carrying a disproportionate cancer burden. Our commitment to addressing these disparities has made MSK a leader in LGBTQI healthcare equality.

Since 2013, MSK has been awarded leadership status by the Human Rights Campaign Foundation Healthcare Equality Index (HEI). The HEI is regarded as the national benchmarking tool for hospitals and healthcare institutions and their practices relating to LGBTQI patients and employees.

MSK's efforts to eliminate disparities are interdisciplinary and widespread. Founded in 2018, MSK's LGBTQI Clinical Advisory Committee identifies and addresses the clinical needs of LGBTQI people through initiatives and trainings, while advancing the science through research. In 2022, members of the committee formed a consult service that provides support and navigation assistance to LGBTQI-identifying patients as well as education for staff. The LGBTQI Pride Employee Resource Network serves to provide a welcoming and inclusive workplace that celebrates the diversity of our staff, as well as organizes events such as MSK's participation in the NYC Pride March. In addition, MSK provides free

support groups for the LGBTQI+ community to address issues that arise during cancer treatment as well as groups for LGBTQI cancer survivors.

Cancer Screening

Early detection and regular screening exams can improve cancer treatment outcomes. MSK offers screenings for different types of cancer throughout our catchment area.

- Annual screening mammograms for breast cancer are available at MSK facilities in New York and New Jersey. For individuals at increased risk of developing breast cancer, MSK offers the Risk Assessment, Imaging, Surveillance, and Education (RISE) Program. In this program, MSK experts determine if a woman is at increased breast cancer risk and shape a long-term surveillance plan customized specifically for her, which can include regular breast exams and imaging so that any developments can be identified and dealt with right away.
- In New York, uninsured individuals can be screened for breast, cervical, and colorectal cancers at no out-of-pocket cost at the MSK RLC in Harlem. Screenings for lung and prostate cancers are also available. A similar cancer screening program for Nassau County residents is being piloted at MSK Nassau in Uniondale, NY. This program grew out of a COVID-19 vaccination pop-up clinic partnership with the Nassau County Department of Health.
- MSK's lung cancer screening program is open to all who meet the eligibility requirements, and screenings are available at our facilities in Manhattan (NY), Nassau County (NY), and Monmouth County (NJ).
- MSK periodically offers free skin cancer screenings at our regional facilities in New York and New Jersey.

Targeted Outreach to Immigrant Populations

Through the MSK Immigrant Health and Cancer Disparities Service, MSK prioritizes outreach to immigrant populations that have been historically marginalized, including Arabic, South Asian, and Hispanic communities. Programs include:

- **The Arab Health Initiative:** This effort aims to improve health outcomes among Arab Americans, increase breast and colorectal cancer screening in this population, and research barriers to and rates of HPV vaccination and cervical cancer screening. The program provides patient education in Arabic, helps patients access healthcare services, and conducts research to improve health outcomes among Arab Americans. The Arab American Breast Cancer Education and Referral program (AMBER), helps Arab American women in New York City attain early detection and treatment services. The program has conducted health education efforts involving nearly 8,000 Arab American women and children, helped hundreds of people get cancer screening, and provided crucial support services for people diagnosed with cancer.
- **The South Asian Health Initiative:** Through this program, which collaborates with community- and faith-based organizations, academic institutions, and policy experts, MSK aims to increase awareness and treatment of the most common health problems affecting the South Asian immigrant community in New York City, including oral cancer, diabetes, high blood pressure,

and high cholesterol through health fairs with blood pressure, glucose, cholesterol, and oral cancer screenings. It also provides insurance enrollment assistance and healthcare navigation.

- **The Taxi Network:** This program addresses health disparities among the immigrant taxi-driving community in New York City through prevention interventions, free health screenings, assessments, and referrals to culturally appropriate and affordable healthcare. Through health fairs at taxi garages, mosques, airports, and community-based organizations, taxi drivers receive free screenings for diabetes, cardiovascular disease, hypertension, and cancer risk factors. Participants complete interviews with a healthcare professional, covering their medical history, access to healthcare, smoking history, alcohol intake, and physical activity. Each participant receives nutrition and physical activity education and materials.
- **Mobile Health Unit:** This outreach initiative visits several community partners in New York City each week. It offers people referrals for breast, colorectal, prostate, lung, and cervical cancer screenings at MSK RLC, health and nutrition education, and general health screenings, including blood pressure checks and measurement of glucose and cholesterol levels..

Health Education

Events

Throughout the year, MSK organizes in-person and online educational events to share information about cancer prevention, screening, treatment, and survivorship. Events, which can include talks, health fairs, and panels, feature an array of MSK experts and staff, including doctors, nurses, social workers, and nutritionists, among others. The events cover topics from prevention and screening to treatment and survivorship, as well as nutrition, mental health, and cancer disparities. Upcoming events can be found at mskcc.org/events.

We encourage the public to contact MSK's Community Engagement and Health Equity team at communityaffairs@mskcc.org with questions and to request participation at community or educational events.

Print and Digital Educational Resources

MSK also has a team of health education specialists who collaborate with MSK's expert healthcare providers to equip people with cancer, their caregivers, and the public with accurate, reliable information and to empower them to participate in their cancer care. This team produces educational cancer resources in multiple languages, including Arabic, Chinese, French, Hebrew, Italian, Korean, Polish, Russian, and Spanish, and can translate educational information into any language upon request. All materials are available to the public at mskcc.org/pe.

Environmental Sustainability

A rigorous sustainability program is part of our commitment to the health and wellbeing of our patients, staff, and community. The strength of our efforts has led to recognition since 2015 as a top "Top 25" hospital in the nation and Practice Greenhealth Environmental Excellence Awardees. Initiatives include:

- Participation in the New York City Healthy Hospital Food Initiative, which first awarded MSK's food program a Gold Designation in 2014. MSK continues to offer healthier food choices for

patients, visitors and staff and achieved its highest-ever level of Healthy Food spending in 2021, with 24% of spending going toward local or sustainable products.

- As part of our World Resources Institute’s Cool Food Pledge MSK achieved a 15% reduction in greenhouse gas emissions in 2021 from our 2018 baseline thanks to reduced total purchasing and purchasing of less climate-intensive food and beverages.
- A Leadership in Environment and Energy Design (LEED) policy implemented in 2014. MSK has committed that all new construction and major renovations will meet a minimum LEED Silver standard or LEED for Healthcare standard. As of 2021, 4 MSK buildings meet LEED Silver standards and 4 have LEED Gold certification.
- Participation in the New York City Mayor’s Carbon Challenge, a voluntary program to reduce greenhouse gas emissions within ten years. In 2021, MSK exceeded the Mayor’s 2025 goal of a 50% reduction ahead of schedule, achieving a 52% reduction from our 2007 emissions baseline.
- Between 2007 and 2021, MSK has invested over \$118.6 million in energy projects and avoided \$72 million in energy costs. Investments in 2021 included upgraded lighting and HVACs, and conversion from district steam systems to hot water systems.
- Multiple waste diversion efforts including working with Red2Green, an innovative recovery and upcycling process that converts sharps waste material into a benign, reusable plastic lumber product (diverted 193.3 tons in 2021); and donating to Afyah and other humanitarian groups, which received 41.59 tons of medical supplies, equipment, and office supplies for redeployment into global health and humanitarian efforts.

Community Partnerships

To make a meaningful impact in the communities we serve, MSK partners with the local and community-based organizations, institutions, and leaders who know their communities best. Working together, MSK can help build healthier communities.

- **Integrated Cancer Care Access Network (ICCAN) Equity Platform.** The ICCAN Equity Platform helps health systems eliminate barriers to care that immigrants and others often face in accessing and completing cancer treatment. Over the past decade, ICCAN has steadily built a network across 15 cancer treatment sites in New York City and Long Island. It has helped thousands of patients with cancer navigate a complicated healthcare system. ICCAN helps patients secure health insurance, transportation, healthy food, psychosocial support, childcare, legal aid, financial assistance, and other resources from the more than 350 community organizations that partner with ICCAN. In 2022, the ICCAN team received a five-year grant from the Merck Foundation that will allow ICCAN to expand their close work with community and faith-based organizations, government agencies, healthcare systems, and others to expand navigation, essential needs, telehealth, and psychosocial support services, including language translation and interpretation. The grant will also support ICCAN’s expansion into Westchester County and New Jersey. (See Appendix F for ICCAN’s treatment sites and partner organizations.)
- **Partnership with Nassau County Department of Health’s Office of Health Equity.** MSK is collaborating with the Nassau County Department of Health on health equity initiatives that aim

to address cancer health disparities experienced by the diverse populations living in Nassau County. By participating in the Nassau County Health Equity Committee, MSK is working with other organizations also dedicated to identifying the needs of this community and developing programs to meet them, including education, cancer screening, and other services.

- **Ventanilla de Salud (Health Window).** This collaboration with the Mexican Consulate aims to eliminate barriers to healthcare in the growing Mexican American population. MSK serves as the lead agency and partners with the consulate to provide free health screenings, patient education, workshops, health insurance plan enrollment assistance, navigation to care, and referrals to primary care and healthcare providers. The Mexican Consulate provides space, promotions to the audience, and connections to other community partners. The Mexican Consulate also makes connections to healthcare professionals and other health facilities to host MSK educational events and screenings. The program has provided health screenings to more than 950 people and helped nearly 9,000 people get social work and healthcare assistance.
- **Partnership with The City College of New York (CCNY).** This partnership began in the early 2000s and is funded by a National Cancer Institute grant. Its overarching goals are to increase the portfolio of cutting edge, translational cancer-related research among investigators, expand the community-engaged research, education, and outreach agenda in cancer disparities at MSK and CCNY, and create a training pipeline for increasing the number of underrepresented and low socioeconomic status investigators involved in the full range of cancer research.
- **Harlem Real Connections Outreach Initiative.** Our upcoming Ralph Lauren Real Connections Outreach Initiative will better connect the MSK Ralph Lauren Center with Harlem, South Bronx, and East Harlem families by partnering with churches, businesses, parks, and schools to increase access to care. Through more proactive partnerships and steady engagements with these organizations, the RLC will build a deeper presence in the community and foster trust among residents. The RLC will expand cancer screenings, prevention education, and awareness, and demonstrate MSK's investment in the community.
- **Community Sponsorships and Volunteering.** We sponsor dozens of programs in the communities we serve in an effort to support our partners in their priorities. Some of the groups we sponsor include: Make the Road New York, the South Asian Council for Social Services, the New York Immigration Coalition, the Arab American Association of NY, the Arab-American Family Support Center, the Coalition for Asian American Children and Families, Moroccan American House Association, the American Cancer Society, Greater Harlem Chamber of Commerce's Harlem Week, the National Ovarian Cancer Coalition, and the Leukemia and Lymphoma Society.

DISTRIBUTION OF THIS REPORT AND ONGOING COMMUNITY ENGAGEMENT

This document is shared with the area officials and health agencies, civic leaders, and community organizations, and is available on our website, at mskcc.org/communityserviceplans, and by request. The plan will also be shared with the Integrated Cancer Care Access Network, a network of 15 cancer treatment sites in New York City and Long Island.

MSK will convene community partners in 2023 to provide additional feedback on the plan. Updates on implementation will be provided via online articles and annual reports to the New York State Department of Health.

We encourage the community at large to provide feedback. Contact communityaffairs@mskcc.org or 646-227-3199.

APPENDIX A: MSK Locations as of December 2022

New York City Locations

MEMORIAL HOSPITAL 1275 York Avenue, New York, NY 10065

64TH STREET OUTPATIENT CENTER 205 East 64th Street, New York, NY 10065

BROOKLYN INFUSION CENTER 557 Atlantic Avenue, Brooklyn, NY 11217

CLINICAL GENETICS SERVICE 222 East 70th Street New York NY 10021

COUNSELING CENTER 641 Lexington Avenue, New York, NY 10022

DAVID H. KOCH CENTER FOR CANCER CARE AT MEMORIAL SLOAN KETTERING CANCER CENTER 530 East 74th Street, New York, NY 10021

EVELYN H. LAUDER BREAST CENTER AND MSK IMAGING CENTER 300 East 66th Street, New York, NY 10065

JOSIE ROBERTSON SURGERY CENTER 1133 York Avenue, New York, NY 10065

MSK RALPH LAUREN CENTER 1919 Madison Avenue, New York, NY 10035

ROCKEFELLER OUTPATIENT PAVILION 160 East 53rd Street, New York, NY 10022

SIDNEY KIMMEL CENTER FOR PROSTATE AND UROLOGIC CANCERS 353 East 68th Street, New York, NY 10065

Regional Outpatient Locations

MSK BASKING RIDGE 136 Mountain View Boulevard, Basking Ridge, NJ 07920

MSK BERGEN 225 Summit Avenue, Montvale, NJ 07645

MSK COMMACK NONNA'S GARDEN FOUNDATION CENTER 650 Commack Road, Commack, NY 11725

MSK SKIN CANCER CENTER HAUPPAUGE 800 Veterans Memorial Highway, Hauppauge, NY 11788

MSK MONMOUTH 480 Red Hill Road, Middletown, NJ 07748

MSK NASSAU 1101 Hempstead Turnpike, Uniondale, NY 11553

MSK WESTCHESTER 500 Westchester Avenue, West Harrison, NY 10604

Research Facilities

ARNOLD AND MARIE SCHWARTZ CANCER RESEARCH BUILDING 1250 First Avenue New York NY 10065

MORTIMER B. ZUCKERMAN RESEARCH CENTER 417 East 68th Street New York NY 10065

ROCKEFELLER RESEARCH LABORATORIES 430 East 67th Street New York NY 10065

APPENDIX B: 2022-2024 CHNA Forum Materials

MSK 2022–2024 CHNA Discussion Guide

Audience: Community-based organizations/stakeholders

Platform: In-person, 120-minute qualitative discussion forums

Size: 6 to 12 participants

Purpose: To better understand the current and most critical cancer-related health needs in the community, with a focus on multicultural populations

Materials:

- Copy of the most recent MSK CSP Update
- Media release form
- MSK information survey

Main issues covered:

1

Define cancer-related health priorities and concerns facing Tri-State-area residents.

2

Learn perspectives of community gatekeepers on:

- Health concerns facing the community, especially to diverse and medically underserved populations
- How MSK can increase direct engagement with communities

3

Explore opportunities for MSK to partner with CBOs to build upon our awareness, understanding, and increase access to the continuum of care among diverse populations.

10 minutes	GENERAL ASSEMBLY – WELCOME AND INTRODUCTION
	<ol style="list-style-type: none"> 1. Welcome 2. Purpose of today’s session 3. Basic Housekeeping: Review agenda, timing, breakouts, back to assembly <ul style="list-style-type: none"> • Update your Zoom name • Use chat in breakout to expound on your answers • Facilitators will note items that require follow up 4. Confidentiality + Recorded Discussion 5. How the inputs would be analysed and used, we will send a review of this afterward to confirm accuracy and invite additional feedback. 6. Complete organizational information form before leaving – this is how we will know attendance and your audience. Incorporated into CHNA
10	BREAK OUT – INTRODUCTIONS and WARM UP

minutes	
	<ul style="list-style-type: none"> • What is your name, organization, role? • Share a fun fact about yourself OR what is your work super-power?
30 minutes	BREAK OUT - CANCER-RELATED HEALTH NEEDS, BARRIERS, and SOLUTIONS
	<ol style="list-style-type: none"> 1. In thinking about cancer care, what are the leading cancer needs you see impacting the communities you serve? <ul style="list-style-type: none"> — <i>List needs and invite group to share why they are important within the chat</i> — <i>Ask participants to pick their top 3 and tally in the list</i> — <i>Get group's agreement on top 3 needs</i> — <i>Get the team's agreement on the top 3 areas using the votes</i> 2. How have cancer needs changed because of COVID-19? 3. What are the current barriers to addressing the leading cancer-care needs you see impacting your community? 4. What are the solutions to addressing these barriers? 5. What resources are needed to achieve the solutions?
20 minutes	BREAK OUT - COMMUNITY PERCEPTIONS
	<ol style="list-style-type: none"> 1. What are common beliefs about cancer within the community? 2. What is your understanding of: <ol style="list-style-type: none"> a. Strengths b. Areas for improvement c. General impression of MSK in the community? 3. What do you think the community's impression is of MSK? (If you don't feel you can answer for the community, please share your own impression of MSK.) 4. What is your opinion about MSK's performance on the following? <ol style="list-style-type: none"> a. Quality of care b. Accessibility to diverse populations c. Meeting communication preferences of the community <ul style="list-style-type: none"> — Content, what cancers/cancer-related topics are of interest? — Channels — Frequency d. Community engagement

	<ul style="list-style-type: none"> — Level of engagement — Community program quality — Educational programming content and quality
25 minutes	BREAK OUT - COLLABORATIVE OPPORTUNITIES & PARTNERSHIP
	<ol style="list-style-type: none"> 1. What partnerships do you recommend MSK have in place to address these health needs? 2. How do you see our organization addressing these health needs with the community? 3. Which MSK partnerships in the community are you aware of? <ol style="list-style-type: none"> a. Community Partnerships - What is your understanding about the partnership? Share any feedback b. Hospital Partnerships - What is your understanding about the partnership? Share any feedback <p>NOTE TO FACILITATORS:</p> <ul style="list-style-type: none"> • Genuinely thank partners for providing their input • Ask if there are any additional comments/questions • Reminder to complete ORGANIZATIONAL INFORMATION FORM • Inform breakouts that we will now reassemble for MSK’s CHNA-CSP presentation on CSP progress report and current cancer statistics
15 minutes	GENERAL ASSEMBLY - MSK PRESENTATION
	<ul style="list-style-type: none"> • US Cancer Stats update • Covid Response Report • 2019-2022 Community Service Plan Progress Report
15 Minutes	GENERAL ASSEMBLY – CLOSING and SURVEY
	<ol style="list-style-type: none"> 1. Express gratitude for participation 2. CHNA Community Survey 3. Explain next steps for data and sharing <ul style="list-style-type: none"> — We will summarize the key opportunities and needs identified through the community forum process and send them to you for input on our determination of which needs to focus on and how we will address the needs. — Mailing copy of MSK’s CHNA and 2019-2021 Community Service Plan in March 4. Before we conclude, please complete organizational information form. 5. Thank you

MSK 2022–2024 CHNA Forum Post-Discussion Survey

1. Name: _____
2. Organization: _____
3. Title: _____
4. Email: _____
5. Mailing Address (final results will be mailed): _____
6. What services does your organization provide? (please select all that apply)
 - Access to Care
 - Access to Healthcare
 - Advocacy
 - Case Management
 - Childcare
 - Civic Engagement
 - Community Assistance Programs
 - Comprehensive Healthcare Services
 - Comprehensive Legal Services
 - Economic Empowerment
 - Education
 - Emotional/Financial Support
 - Environmental Justice
 - Food Pantry
 - Free Cancer Screenings/Referrals
 - Healthcare Coordination
 - HIV and STI Testing/Prevention
 - Housing
 - Housing Assistance
 - Immigration Reform
 - Individual and Family Counseling
 - Insurance Enrollment
 - Job Placement
 - Legal Assistance
 - Medical Care
 - Mental Healthcare/Services
 - Organization Development
 - Patient Access
 - Policy and Advocacy
 - Recreation/Art Programs
 - Research
 - Support Services
7. Population demographics:
 - Approximately how many people does your organization directly serve?
 - Does your organization provide services for a specific age group? (select all that apply)
 - <20
 - 20-34
 - 35-44
 - 45-54
 - 55-64
 - 65-74
 - 75-84
 - >84
 - Does your organization serve a specific sex or gender? If so, state all that apply.
 - Does your organization serve a specific race? If so, state all that apply.
 - Does your organization serve a specific ethnicity? If so, state all that apply.
 - What is the average annual household income for the population your organization serves?
 - <\$25,000
 - \$25,000 to \$34,999
 - \$35,000 to \$49,999
 - \$50,000 to \$74,999
 - \$75,000 to \$99,999
 - >\$99,999
 - Please describe the type of area your organization serves. (select all that apply)
 - Rural
 - Suburban
 - Urban

8. Is this type of forum useful to provide input to MSK?
9. What other ways would you like to see community organizations communicate and engage with MSK?

Thank you again for participating in MSK's 2022–2024 Community Health Needs Assessment Forum!

APPENDIX C: 2022-2024 GNYHA Survey Collaborative

GNYHA CHNA Collaborative Survey Overview

GNYHA CHNA Survey Collaborative 2022 Community Health Survey

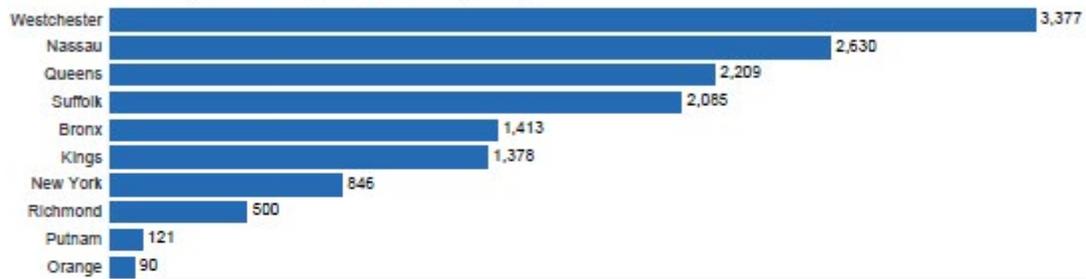
PRESIDENT, KENNETH E. RAGKE • 550 WEST 57TH STREET, NEW YORK, NY 10019 • T (212) 246-7100 • F (212) 262-0360 • WWW.GNYHA.ORG

MSKCC

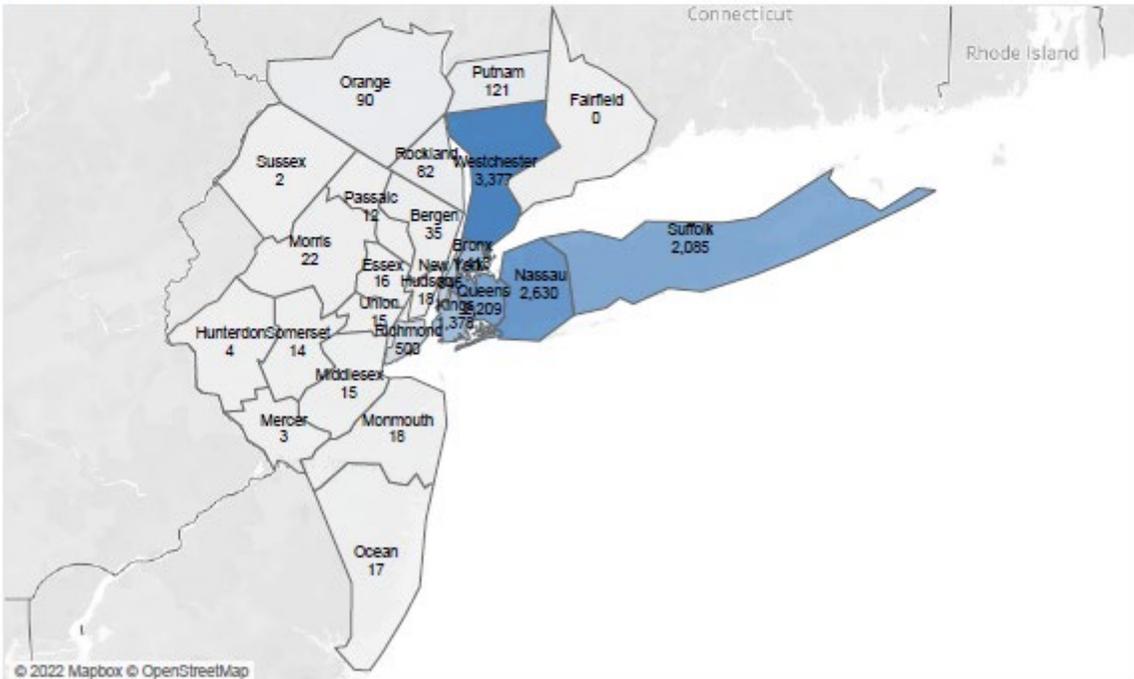
Data Pulled: July 25, 2022

Total Responses: 14,922

Distribution of Responses of Top 10 Counties (Count)



Map of Responses by County



GNYHA is a dynamic, constantly evolving center for health care advocacy and expertise, but our core mission—helping hospitals deliver the finest patient care in the most cost-effective way—never changes.

**GNYHA CHNA Survey Collaborative 2022
Importance and Satisfaction Ratings
Memorial Sloan Kettering Cancer Center**

Health Condition	Importance Rank*	Importance Score^	Importance Relative to Other Health Conditions	Satisfaction Rank**	Satisfaction Score^	Satisfaction Relative to Other Health Conditions
Needs Attention						
Violence (including gun violence)	2	4.39	Above Average	21	2.77	Below Average
Mental health/depression	8	4.12	Above Average	17	2.96	Below Average
Stopping falls among elderly	9	4.12	Above Average	14	3.10	Below Average
Maintain Efforts						
Dental care	1	4.40	Above Average	5	3.53	Above Average
Cancer	3	4.35	Above Average	6	3.43	Above Average
COVID-19	4	4.33	Above Average	1	3.67	Above Average
Heart disease	5	4.31	Above Average	2	3.60	Above Average
Access to healthy/nutritious foods	6	4.30	Above Average	3	3.60	Above Average
High blood pressure	7	4.15	Above Average	4	3.59	Above Average
Women's and maternal health care	10	3.98	Above Average	12	3.27	Above Average
Arthritis/disease of the joints	11	3.97	Above Average	11	3.28	Above Average
Diabetes/elevated sugar in the blood	12	3.91	Above Average	9	3.37	Above Average
Adolescent and child health	13	3.91	Above Average	7	3.41	Above Average
Relatively Lower Priority						
Obesity in children and adults	14	3.84	Below Average	18	2.91	Below Average
Substance use disorder/drug addiction (including alcohol use disorder)	16	3.68	Below Average	20	2.84	Below Average
Cigarette smoking/tobacco use/vaping/e-cigarettes/hookah	18	3.46	Below Average	19	2.85	Below Average
Hepatitis C/liver disease	19	3.26	Below Average	13	3.17	Below Average
Sexually Transmitted Infections (STIs)	20	3.09	Below Average	16	2.98	Below Average
HIV/AIDS (Acquired Immune Deficiency Syndrome)	21	3.03	Below Average	15	3.04	Below Average
Asthma/breathing problems or lung disease	15	3.81	Below Average	10	3.31	Above Average
Infant health	17	3.62	Below Average	8	3.39	Above Average

*How important is this issue to you?

**How satisfied are you with current services in your neighborhood?

^Rated on a 5-point scale from 1="Not at all" to 5="Extremely"

APPENDIX D: CHNA Forum and Survey Dissemination Partners

Thank you to MSK’s CHNA partners for their dedication to ensuring the voices of the communities we serve are included within this report through your participation at MSK’s CHNA Leadership Forum and/or through ensuring GNYHA CHNA community survey was provided to your audiences throughout New York, Long Island, New Jersey, and Westchester.

A Better College Point Civic Association	Councilwoman Mercedes Narcisse Office, 46th District	Molloy College	South Asian Council Services
Adelphi NY Statewide Breast Cancer Hotline	CSP of Nassau County	Monmouth County Regional Health Commission No. 1	Sunnyside Community Services
American Cancer Society	Diligently Serving Immigrants Inc.	Nassau County Department of Health	Support Connection
Arab American Association of NY	Gilda's - Red Door Community	Nassau Library System	Susan G. Komen Breast Cancer Organization
Arab American Family Support Center	Gilda's Club of Westchester	National Association of Nigerian Nurses in North America	The Abyssinian Baptist Church
Breast Cancer Alliance	Councilwoman Mercedes Narcisse Office, 46th District	NJCEED	The Business Council of Westchester
Bronx Health & Housing Consortium	HEADstrong Foundation	Nostrand Gardens Civic Association	The Colette Coyne Melanoma Awareness Campaign
Bronx Health Reach	Hope Communities Inc.	New York City District Council of Carpenters	The Isaacs Center and Goddard Riverside Community Center
Brooklyn College Cancer Center	Latina SHARE	Ocean Monmouth Health Alliance	Union County Office of Health Management
Brother to Brother	Latino Commission on AIDS – NYC Region	Open Door Family Medical Centers	Union Fouta

Callen Lorde	Leukemia & Lymphoma Society	RiseBorough Community Partnerships	Uniondale Library
Cancer & Careers	Long Island Nets	Rye YMCA	Visiting Nurses Service of New York - VNSNY Choice
Cancer Care	Make the Road NY	Sisters United in Health	VNACJ Community Health Center
Cancer Support Team	Mexican Consulate Ventanilla De Salud	Somerset Morris Chronic Disease Coalition	Westchester Jewish Community Services
Coalición Mexicana	Middlesex County Office of Health Services	Soul Ryeders	Wyckoff Health Medical Center Positive Health Management

APPENDIX E: 2019–2022 CHNA-CSP Impact

2019 CHNA Health Need Addressed	Prevention Agenda Priority and Goal Advanced	Intervention	MSK Objective	Impact: Jan 2020 - Dec 2021
Prevention Programs	<p>Priority: Prevent chronic disease</p> <p>Focus area: Prevention Care and management</p> <p>Goals 4.1: Increase cancer screening rates</p>	<p>MSK Ralph Lauren Center cancer screening program provides uninsured women breast and cervical cancer screenings and men prostate cancer screening at no out-of-pocket cost. Men/women who meet the eligibility requirements can also receive colorectal cancer screening through the New York State Cancer Screening Program.</p>	<p>Provide breast, colorectal, cervical, and prostate cancer screenings at no out of pocket cost for a minimum of 600 individuals ages 18-65 with an income of <\$25,000</p> <p>Screen 3000 women for breast cancer Screen 300 women for cervical cancer Screen 300 individuals for colorectal cancer Screen 75 of men for prostate cancer</p> <p>Increase the # of individuals screened by 15% (over 3 years).</p>	<p>In April 2020, when the COVID-19 pandemic first hit NYC, MSK's Ralph Lauren Center (RLC) temporary closed for 8-weeks referring patients to continue treatment at MSK's main campus. Upon reopening in June 2020, RLC resumed operations, expanded cancer screening services to include lung cancer screening, forged new community partnerships to address the critical needs facing the Harlem community, including operating and staffing full-time pop up COVID-19 Vaccination clinic in Harlem in partnership with the Abyssinian Baptist Church and NYC DOH.</p> <p>BREAST CANCER SCREENING</p> <ul style="list-style-type: none"> • 6,029 individuals screened for breast cancer. • 16 individuals referred to Medicaid Cancer Treatment Program (MCTP) for treatment for breast cancer between Jan 2020 and Dec 2021 out of 644 patients under the Cancer Services Program. <p>CERVICAL CANCER SCREENING</p> <ul style="list-style-type: none"> • 306 individuals screened for cervical cancer. • 0 individuals referred to Medicaid Cancer Treatment Program (MCTP) for treatment for cervical cancer between January 2020 and December 2021 out of 644 patients under the Cancer Services Program. <p>COLORECTAL CANCER SCREENING</p> <ul style="list-style-type: none"> • 298 individuals screened for colorectal cancer. • 0 individuals referred to Medicaid Cancer Treatment Program (MCTP) for treatment for colorectal cancer between January 2020 and December 2021 out of 644 patients under the Cancer Services Program. <p>PROSTATE CANCER SCREENING</p> <ul style="list-style-type: none"> • 92 individuals screened for prostate cancer. • 0 individuals referred to Medicaid Cancer Treatment Program (MCTP) for treatment for prostate cancer between January 2020 and December 2021 out of 644 patients in the Cancer

<p>Prevention Programs</p>	<p>Priority: Prevent chronic disease</p> <p>Focus area: Tobacco Prevention</p> <p>Goals 3.2 Promote tobacco use cessation</p>	<p>MSK’s Tobacco Treatment Program (TTP) is dedicated to reducing tobacco-related cancer burden through clinical care, education and training, community outreach and conduct of rigorous, innovative tobacco prevention and treatment research. TTP provides smokers with behavioral counselling to build motivation and coping skills, and support in the use of tobacco cessation medications</p> <p>TTP will be establishing services at the MSK’s Ralph Lauren Center for Cancer Care as well as outreach in partnership with and the Harlem Health Advocacy Partners (HHAP). TTP will offer both tobacco cessation individual and group cessation support for Harlem area residents.</p> <p>As the first accredited 4-day Tobacco Treatment Training Program in NYC, MSK TTP will help improve access and capacity for partner organizations to provide cessation support to vulnerable smokers by offering full tuition scholarships to qualified health providers, resident and community health navigators interested in seeking certification as tobacco treatment specialists. MSK will strengthen the capacity of the local health care provider workforce to treat tobacco dependence among vulnerable populations.</p>	<p>MSK established tobacco treatment delivery on-site from the ground up beginning at the Harlem-based Ralph Lauren Center for Cancer Care (RLC) - which came under MSK’s operating budget in April 2019. MSK planned to screen 80% of RLC patients for current smoking status, 80% of those identified as current smokers will be referred to MSK Tobacco Treatment Program, with a 20% of referred patients quitting. TTP also provided counselling and medications to 100% of identified current smokers.</p>	<p>Services Program.</p> <p>During the surge of COVID-19, TTP switched to a telehealth model of providing services in order to mitigate disruption to treatment services. As a result, TTP saw rapid scaling up of acceptance to tobacco cessation treatment services:</p> <p>2020: 3,204 patients were referred to MSK’s Tobacco Treatment Program, 1,422 were treated by MSK’s Tobacco Treatment Specialists, 1,782 were referred to NYS Quitline</p> <p>2021: 3,890 patients referred to TTP, 1,602 were treated by MSK’s Tobacco Treatment Specialists, 2,288 patients referred to NYS Quitline</p> <p>TOTAL: 7,094 patients were referred to Tobacco Treatment Program, 3,024 accepted treatment through MSK’s TTP, and 4,070 individuals navigated to NYS Quitline who declined TTP services.</p> <ul style="list-style-type: none"> • 3,002 of screening-eligible high-risk smokers referred for lung cancer screening. • 100% of patients at MSK’s Ralph Lauren Center were screened for tobacco dependency, out of which 69 unique patients were referred to the TTP from the Ralph Lauren Center, and of those, 40 unique patients were actively being treated by the TTP. • Due to COVID-19, TTP participated in 0 in-person community outreach events (health fairs, family day, resident association meetings) <p>MSK TOBACCO TREATMENT SPECIALIST TRAINING (TTS) Beginning in 2019, TTP became the only accredited Tobacco Treatment Specialist training program in New York City to expand the capacity and workforce.</p> <ul style="list-style-type: none"> • 2020 training dates: June 15-18, November 2-5, November 10-13, 62 community health workers certified/trained • 2021 training dates: January 5-8, April 6-9, June 1-4, September 7-10, October 4-7, November 16-19, December 6-9, 122 62 • TOTAL: 10 Tobacco Treatment Specialist Training events were conducted and certified 184 community health workers as Tobacco Treatment Specialists <p>We had 3 people with the tuition waived scholarship in 2021 who we trained who work with vulnerable populations in NYC.</p>
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Prevention Programs	<p>Priority: Prevent chronic disease</p> <p>Focus area: Tobacco Prevention</p> <p>Goals 3.2 Promote tobacco use cessation</p>	<p>The Citywide Tobacco Cessation Partners was formed in 2018 by the NYC DOHMH’s Bureau of Chronic Disease Prevention and Tobacco Control, bringing together colleagues from NYU Langone, Columbia Presbyterian and MSK to collaboratively address tobacco dependency among NYCHA residents following the historic 2018 HUD roll out of the NYCHA Smoke-Free policy. trying</p> <p>As the first accredited 4-day Tobacco Treatment Training Program in NYC, MSK TTP will help improve access and capacity for partner organizations to provide cessation support to vulnerable smokers by offering full tuition scholarships to qualified health providers, resident and community health navigators interested in seeking certification as tobacco treatment specialists. MSK will strengthen the capacity of the local health care provider workforce to treat tobacco dependence among</p>	<p>Provide tobacco dependence-treatment education to 300 dental care providers serving low-income smokers in New York City.</p>	<p>Results from the five-year study and evidence-based initiatives was completed in 2018. The following data was published in a series of medical journals:</p> <p>Provided tobacco dependence-treatment education to 461 dental care providers serving low-income New York City smokers, a 53 percent increase from original goal, and received 583 tobacco-treatment referrals to evidence-based initiatives coming from dental care professionals.</p>

Prevention Programs	<p>Priority: Prevent chronic disease</p> <p>Focus area: Prevention Care and management</p> <p>Goals 4.1: Increase cancer screening rates</p>	<p>vulnerable populations.</p> <p>The Arab Health Initiative provides patient education in Arabic, helps patients access healthcare services, and conducts research to improve health outcomes among Arab Americans. Its premier service, the Arab American Breast Cancer Education and Referral program (AMBER), makes it easier for Arab American women in New York City to access early detection and treatment services.</p>	<p>Increase the # of individuals educated and screened by 10%.</p> <ul style="list-style-type: none"> Educate 450 women about breast cancer and early detection Help 300 women get screenings for breast and cervical cancers Educate 100 people about colorectal cancer Help 50+ people get access to colorectal cancer screening 	<p>Between January 2020-December 2021, AHI held 20 events addressing cancer awareness with expanded content to address mental health needs and COVID-19 vaccination education. A total of 657 people participated following cancer events and 1,215 people participated in COVID-19 education events:</p> <p>CANCER AWARENESS EVENTS - 657 attended</p> <ul style="list-style-type: none"> Held 10 cancer awareness events virtually and in-person 3 mobile mammography unit events 1 mental health awareness event with a focus on cancer 1 joint health fair with the Arab American Family Support Center on breast health and colorectal cancer <p>COVID-19 EDUCATION - 1,215 attended</p> <ul style="list-style-type: none"> Conducted five (5) COVID-19 and COVID-19 Vaccine Webinars that AHI staff organized with partners. Three of the webinars were also streamed live on Facebook, allowing us to reach more than 1,000 viewers. 620 women were navigated to breast cancer screening by MSK a result of AHI's outreach, educational efforts, and through referrals from healthcare professionals.
Prevention Programs	<p>Priority: Prevent chronic disease</p> <p>Focus area: Prevention Care and management</p> <p>Goals 4.2: Increase early detection of cardiovascular disease, diabetes, prediabetes and obesity</p>	<p>The Taxi Network is a community-based participatory research program, implemented in collaboration with the South Asian Council on Social Services, focused on resolving health issues of taxi drivers. Access navigators are used to provide culturally and linguistically appropriate assistance to drivers referred for cardiovascular, diabetes, and/or cancer health screening. Drivers found to have abnormal test values or who lack access to regular care are assisted in obtaining follow-up care.</p>	<p>Provide free screening for a minimum of 600 drivers for cardiovascular disease, diabetes, and risk factors for cancer.</p> <p>Maintain the 2019 goals and aim to reach 800 drivers for screening and navigation.</p>	<ul style="list-style-type: none"> 368 drivers received cardiovascular disease, diabetes, and risk factors for cancer screenings. 72 in-person health fairs facilitated for taxi drivers. 15 virtual cancer screening awareness events, which included health screening events, were held in partnership with community providers. 71 individuals navigated to and/or through primary care. MSK's Taxi Network program also expanded their programming and services to include COVID-19 navigation assistance to a total of 809 members of the taxi community, of which 502 received COVID-19 related referrals and screenings over the phone during the height of the pandemic in 2020, and 307 received vaccine appointment navigation in 2021.
Prevention Programs	<p>Priority: Prevent chronic disease</p> <p>Focus area: Prevention Care and management</p> <p>Goals 4.2:</p>	<p>Ventanilla de Salud (Health Window) Health Windows was created by the Mexican Consulate as a collaboration between government and private organizations. Its goal is to eliminate barriers to</p>	<p>Educate a minimum of 1000 Mexican-American participants about cardiovascular disease, diabetes, nutrition and breast and colorectal cancer.</p>	<p>MSK's Health Windows exceeded its goals in the following ways:</p> <ul style="list-style-type: none"> Health Windows shifted to a virtual platform in order to provide an additional 78 workshops where 60,533 community members received education about nutrition,

	<p>Increase early detection of cardiovascular disease, diabetes, prediabetes and obesity</p>	<p>healthcare in the growing Mexican- American population. IHCD provides free health screenings, helps individuals enroll into health insurance plans, provides patient education and referrals to primary and other healthcare providers, and navigates patients into case management as needed.</p>	<p>Navigate at least 200 eligible men and women into cancer screenings.</p> <p>Increase the # of individuals educated and screened by 10%.</p> <p>The Mexican Consulate provides space, promotions to the audience and connections to other community partners.</p> <p>The Mexican Consulate also makes connections to health care professionals and other health facilities to host MSK educational events and screenings.</p>	<p>cardiovascular disease, diabetes, cancer, reproductive health, mental health, COVID-19 and other health topics.</p> <ul style="list-style-type: none"> • Health Windows also provided 19 in-person health screening fairs where 322 participants received screenings for glucose, blood pressure, cholesterol and triglycerides • 1,432 people have been assisted and referred through telephone calls and in-person visits with health education and navigation to low-cost clinics, mental health resources, and/or COVID-19 testing sites. • 298 individuals were referred to cancer screening • Total number of Health Windows participants who have received educational resources, materials and information since 2020 is 62,585 individuals.
Prevention Programs	<p>Priority: Prevent chronic disease</p> <p>Focus area: Healthy eating and food security</p> <p>Goals 1.1: Increase access to healthy and affordable foods and beverages</p> <p>Goals 1.2: Increase skills and knowledge to support healthy food and beverage choices</p> <p>Goals 1.3: Increase food security</p>	<p>Food to Overcome Outcomes Disparities (FOOD) is a hospital-based pantry program that improves access to nutritious food for immigrants and minorities with cancer and their families to help them complete medical treatment. The program maintains pantries at eight hospitals in Manhattan, the Bronx, Queens, and Brooklyn. This intervention addresses SES/income disparity.</p>	<p>Increase the # of patients/families with access to nutritious foods by 10%.</p> <p>Increase the # of nutrition workshops with access to nutritious foods as well as participation from patients/families by 10%.</p> <p>Increase the # of individuals screened as well as enrolled to the FOOD program by 10%</p>	<p>Due to the COVID-19 pandemic, 2020 and 2021 were FOOD program's busiest years to date. Since January 2020 - December 2021:</p> <ul style="list-style-type: none"> • 1,308 unique cancer patients with food insecurity and their family members have been served. • The FOOD program distributed 19,629 bags of food (the equivalent of 176,000 meals) to cancer patients and their families during this time frame. • 200 patients received nutrition education. • The FOOD program conducted 10 nutrition workshops both in person and virtually at our food pantry sites. • 1,308 unique cancer patients with food insecurity and their family members have been provided free nutritious food. • The FOOD program delivered 19,629 bags of food to cancer patients and their families.

APPENDIX F: Integrated Cancer Care Access Network (ICCAN) Sites and Partners

MSK Sites

BROOKLYN INFUSION CENTER 557 Atlantic Avenue, Brooklyn, NY 11217

DAVID H. KOCH CENTER FOR CANCER CARE AT MEMORIAL SLOAN KETTERING CANCER CENTER 530 East 74th Street, New York, NY 10021

MSK RALPH LAUREN CENTER 1919 Madison Avenue, New York, NY 10035

ROCKEFELLER OUTPATIENT PAVILION 160 East 53rd Street, New York, NY 10022

MSK COMMACK 650 Commack Road, Commack, NY 11725

MSK NASSAU 1101 Hempstead Turnpike, Uniondale, NY 11553

Non-MSK Cancer Care Sites

ST. BARNABAS HOSPITAL 4422 3rd Ave., The Bronx, NY 10457

MONTEFIORE MEDICAL CENTER 111 East 210th Street, Bronx, NY 10467

EASTCHESTER CANCER CENTER 1695 Eastchester Rd, The Bronx, NY 10461

JACOBI HOSPITAL CENTER 1400 Pelham Pkwy S, The Bronx, NY 10461

LINCOLN MEDICAL CENTER 234 East 149th Street, Bronx, NY 10451

KINGS COUNTY HOSPITAL 451 Clarkson Ave, Brooklyn, NY 11203

ELMHURST HOSPITAL CENTER 79-01 Broadway, Queens, NY 11373

QUEENS CANCER CENTER 82-68 164th St, Queens, NY 11432

CONY ISLAND HOSPITAL 2601 Ocean Pkwy, Brooklyn, NY 11235

Selection of CBO Partners

Name	Description
Community-based organizations	
Union Fouta	A community-based organization for Fulani-speaking West African immigrants
New York Immigration Coalition	Advocates for immigrant rights in NY State, active health policy division
Diligently Serving Immigrants (DSI)	Empowers individuals in economic self-reliance and financial independence
National Association of Nigerian Nurses in North America (NANNNA)	Works to improve health and quality of life among Nigerians in US and Nigeria with policy advocacy and research dissemination.
Faith-based organizations	
Catholic Charities	Provides service to people in need, advocates for justice in social structures
Chinese Christian Herald Crusades Cancer Program	Christian social services for Chinese Americans and Asian immigrants
Abyssinian Baptist Church	African American Baptist church, a center of worship, social activism and culture
Health and social services organizations	
South Asian Council for Social Services (SACSS)	Community-based organization, empowers underserved South Asians
Arab American Family Support Center	Empowers immigrants and refugees with the tools to successfully acclimate
Latina SHARE	Cancer support groups, educational programs, and a helpline in Spanish
TOUCH: Black Breast Cancer Alliance	Encourages Black women's participation in cancer clinical trial research/ care
Leukemia and Lymphoma Society	Blood cancer research, patient education and support, and policy & advocacy
CompassionateCare	Counseling, case management, support groups, education, financial assistance
Triage Cancer	Education on the practical and legal issues that arise after a cancer diagnosis
Government	
Mexican Consulate Ventanilla de Salud	Provides health information, counseling, referrals for Hispanic Americans
Emergency food resources	
Food Bank for New York City	NYC's largest hunger-relief organization; organizes food, information, support
God's Love We Deliver	Cooks and home-delivers medically tailored meals for the medically ill
Green Bronx Machine	Bronx public school educational farm that provides fresh produce

Selection of CBO Partners (continued)

Health Bucks	Coupons to purchase fresh fruits and vegetables at NYC farmers markets
Housing	
Coalition for Health and Housing	Develops actionable steps to address cancer patients' pressing housing needs
Hope Lodge	Provides housing for cancer patients and their caregivers during treatment
Ronald McDonald House	Provides accommodation to families who travel for their child's medical care
Medico-legal partnerships	
New York Legal Assistance Group	LegalHealth improves health outcomes by addressing related legal needs
Health Law Unit, Legal Aid Society	Provides low-income New Yorkers direct legal services, advocates for policy
SACCS Immigration Clinic	Legal services and education for immigrants in multiple languages
Program development and evaluation partners	
City College New York (CCNY)/MSKCC U54 Partnership for Research, Training, and Community Outreach	Cross-institutional collaboration for research across the translational continuum and the establishment of community networks and resources for conducting linguistically/culturally responsive community engaged service/research
Technology	
MSK Enterprise Technology Services	Provides devices for IHCD telehealth patients
Health care system partners	
NYC Health+Hospitals	ICCAN implemented at Jacobi and Elmhurst Hospital Centers, Lincoln Medical Center, Queens Cancer Center, Kings County and Coney Island Hospitals
Montefiore Medical Center	ICCAN implemented at this academic medical center and primary teaching hospital of Albert Einstein College of Medicine located in Bronx, NYC
Memorial Sloan Kettering Cancer Center (MSK)	ICCAN implemented at Ralph Lauren Community Cancer Center, Koch Center, 53 rd Street, Nassau, Commack, Brooklyn Infusion Center
Greater New York Hospital Association	Center for hospital health care advocacy and expertise
NYC Area Cancer Collaborative	A consortium of New York City Area's top cancer centers
Citywide Colorectal Cancer Control Coalition (C5)	Advises NYC Department of Health; Dr. Gany co-leads Disparities Committee
New York State Cancer Consortium	Addresses the cancer burden in NYS; Dr. Leng is on the Steering Committee

APPENDIX G: 2022-2024 CSP Workplan

Supporting full funding for the NYS Tobacco Control Program

Priority	Prevent Chronic Diseases
Focus Area	Focus Area 3: Tobacco prevention
Goal Focus Area	Goal 3.1 Prevent initiation of tobacco use
Objectives through 2024	Over the next two years, our Government Relations team will work with trade associations and advocacy organizations to identify and join efforts that support full funding for the NYS Tobacco Control Program to CDC-recommended levels. We will identify and participate in at least one advocacy day and will sign at least two letters of support.
Disparities	Yes, the intervention will address race/ethnicity, income/SES, and gender disparities.
Interventions	MSK is aligned with New York State in supporting full funding for the NYS Tobacco Control Program to alleviate social and economic inequities caused by tobacco use. The program uses an evidence-based, policy-driven, and population-level approach to tobacco control and prevention with a commitment to promote health equity among populations disproportionately impacted by tobacco marketing and use. The Tobacco Control Program's efforts and actions have contributed to record-low youth and adult smoking rates in NYS. MSK will work with trade associations and advocacy organizations to partake in advocacy days and sign letters of support.
Family of Measures	# advocacy days # letters of support signed
By December 2023, we will have completed . . .	MSK will have identified an appropriate advocacy day and signed one letter.
Implementation Partner	Advocates
Partner Role(s) and Resources	MSK will identify and partner with trade associations and advocacy organizations to partake in advocacy days and sign letters of support.

Media and health communications to highlight the dangers of tobacco, and promote effective tobacco control policies

Priority	Prevent Chronic Diseases
Focus Area	Focus Area 3: Tobacco prevention
Goal Focus Area	Goal 3.1 Prevent initiation of tobacco use
Objectives through 2024	MSK will identify at least two annual opportunities in media/social media to educate the public about the dangers of tobacco and the benefits of quitting. We will particularly seek opportunities to reach the low-income, Black, and LGBTQ audiences that are targeted by tobacco companies.
Disparities	Yes, the intervention will address race/ethnicity, income/SES, and gender disparities.
Interventions	MSK will use media and health communications to highlight the dangers of tobacco, and promote effective tobacco control policies and reshape social norms. Through at least two social media posts and/or news stories per year targeted toward the general public about the dangers of tobacco and benefits of quitting, MSK will leverage our social media channels with hundreds of thousands of followers to share easy to understand information about cancer and how to prevent it.
Family of Measures	# social media posts and/or news stories
By December 2023, we will have completed . . .	MSK will have advanced one consumer-friendly small media asset about the dangers of tobacco and the benefits of quitting.
Implementation Partner	Media
Partner Role(s) and Resources	MSK will identify appropriate social media platforms and/or news outlet.

Tobacco Treatment Program (TTP)

Priority	Prevent Chronic Diseases
Focus Area	Focus Area 3: Tobacco prevention
Goal Focus Area	Goal 3.2 Promote tobacco use cessation
Objectives through 2024	Over the next two years, we will aim to screen 90% of MSK patients for tobacco use and successfully refer 80% of current tobacco users to the TTP.
Disparities	Yes, the intervention addresses SES /income disparity.
Interventions	MSK screens patients for current tobacco use and uses standardized treatment practices to help our patients quit. Our Tobacco Treatment Program (TTP) is dedicated to reducing tobacco-related cancer burden through clinical care, education and training, community outreach and collaboration, and conducting rigorous, innovative tobacco prevention and treatment research. TTP provides smokers with behavioral counseling and support in the use of tobacco cessation medications. MSK's TTP provides tobacco treatment services at the MSK's Ralph Lauren Center (Harlem).
Family of Measures	# individuals screened for tobacco use # individuals referred to the NYS Quitline
By December 2023, we will have completed . . .	Screening 90% of new MSK patients seen in 2023 and successfully referred 80% of current tobacco users to the TTP.
Implementation Partner	City government
Partner Role(s) and Resources	MSK's Tobacco Treatment Program (TTP) reaches priority populations with high rates of tobacco use through collaborations with community organizations, primary care and specialty healthcare providers, community health workers, NYC DOH, and educational institutions including CCNY, and New York University School of Medicine. Participant outreach and recruitment is conducted in partnership with the NYC DOHMH.

The Tobacco Treatment Training in Oncology (TTT-O) Program

Priority	Prevent Chronic Diseases
Focus Area	Focus Area 3: Tobacco prevention
Goal Focus Area	Goal 3.2 Promote tobacco use cessation
Objectives through 2024	The Tobacco Treatment Training in Oncology (TTT-O) Program will aim to refine and deliver hybrid TTT-O education programming to more 200 multidisciplinary cancer care providers from diverse cancer practice settings, and evaluate the impact and sustainability of the TTT-O on both individual providers and care settings.
Disparities	Yes, the intervention will address race/ethnicity, income/SES, and gender disparities.
Interventions	MSK offers education and training to build tobacco cessation care capacity in the workforce. The Tobacco Treatment Training in Oncology (TTT-O) Program is a two-day education and training program that targets tobacco treatment in cancer care. The TTT-O is dedicated to building oncology workforce capacity in tobacco control by training oncology care providers to implement tobacco use assessment and treatment (TUAT) in their cancer care settings. It addresses tobacco-related disparities by training oncology providers to work with diverse patient populations and emphasizes teaching clinicians empathic communication to reduce smoking-related stigma experienced by cancer patients. Over the next two years, the project will aim to refine and deliver hybrid TTT-O education programming to more 700 multidisciplinary cancer care providers from diverse cancer practice settings, and evaluate the impact and sustainability of the TTT-O on both individual providers and community-based cancer care settings.
Family of Measures	# of tobacco treatment trainings in oncology held # of cancer care providers trained
By December 2023, we will have completed . . .	TTT-O training program will have trained in total 100 oncology care providers with three planned training cohorts occurring from January through December.
Implementation Partner	City government
Partner Role(s) and Resources	Participant outreach and recruitment is conducted in partnership with the NYC DOHMH. TTP reaches priority populations with high rates of tobacco use through collaborations with community organizations, primary care and specialty healthcare providers, community health workers, NYC DOH, and educational institutions including CCNY, and New York University School of Medicine. MSK provide training registration scholarships for community providers serving low-income and other vulnerable populations. To date, nearly 50% all TTP training program participants identify as Black, Indigenous People of Color (BIPOC). As such our tobacco treatment training programs are building to tobacco treatment capacity of diverse clinicians working with priority populations at high risk for tobacco-related morbidity and mortality.

Tobacco Treatment Training for Specialists (TTTS)

Priority	Prevent Chronic Diseases
Focus Area	Focus Area 3: Tobacco prevention
Goal Focus Area	Goal 3.2 Promote tobacco use cessation
Objectives through 2024	Over the next two years, the Tobacco Treatment Training for Specialists (TTTS), will conduct four intensive trainings for care providers and community health workers. Over the next two years, the TTTS will conduct four intensive trainings for care providers and community health workers . Each training will reserve seats for at least three staff members serving priority populations identified in partnership with the NYC DOHMH.
Disparities	Yes, the intervention will address race/ethnicity, income/SES, and gender disparities.
Interventions	MSK offers education and training to build tobacco cessation care capacity in the workforce. MSK will also continue our intensive 4-day Tobacco Treatment Training for Specialists (TTTS), the only accredited program in New York City dedicated to training multidisciplinary clinicians and community health workers, many of whom serve low-income and other vulnerable populations.
Family of Measures	# of tobacco treatment trainings held # of health care providers/CHWs certified as TTS
By December 2023, we will have completed . . .	The TTTS training program will conduct 2 intensive trainings with continued focused recruitment on NYC metropolitan area health care providers and community health workers. Participant outreach and recruitment is conducted in partnership with the NYC DOHMH.
Implementation Partner	City government
Partner Role(s) and Resources	Participant outreach and recruitment is conducted in partnership with the NYC DOHMH. TTP reaches priority populations with high rates of tobacco use through collaborations with community organizations, primary care and specialty healthcare providers, community health workers, NYC DOH, and educational institutions including CCNY, and New York University School of Medicine. MSK provide training registration scholarships for community providers serving low-income and other vulnerable populations. To date, nearly 50% all TTP training program participants identify as Black, Indigenous People of Color (BIPOC). As such our tobacco treatment training programs are building to tobacco treatment capacity of diverse clinicians working with priority populations at high risk for tobacco-related morbidity and mortality.

Health Communications Targeting Health Care Providers

Priority	Prevent Chronic Diseases
Focus Area	Focus Area 3: Tobacco prevention
Goal Focus Area	Goal 3.2 Promote tobacco use cessation
Objectives through 2024	MSK will create a system for sharing tobacco cessation educational materials/resources with 30 our community physicians and FQHCs to support their tobacco cessation efforts.
Disparities	Yes, the intervention will address race/ethnicity, income/SES, and gender disparities.
Interventions	MSK will use health communications targeting health care providers to encourage their involvement in their patients' quit attempts, encourage the use of evidence-based quitting, increase awareness of available cessation benefits (especially Medicaid), and removing barriers to treatment. We will share MSK educational resources on tobacco cessation in multiple languages with community providers to support them in their tobacco cessation treatment efforts.
Family of Measures	# of resources shared # of providers reached
By December 2023, we will have completed . . .	MSK will have identified 15 providers to send materials/resources to.
Implementation Partner	Federally qualified health care center
Partner Role(s) and Resources	Providers at community hospitals, clinics, and/or FQHCs can use tobacco cessation resources from MSK to support their patients' cessation efforts.

Small Media on the Importance and Demand of Cancer Screening Services

Priority	Prevent Chronic Diseases
Focus Area	Focus Area 4: Preventive care and management
Goal Focus Area	Goal 4.1 Increase cancer screening rates
Objectives through 2024	MSK will share educational materials and 2-4 small media assets (e.g., video, podcasts, blog posts) about cancer prevention and screening with 30-40 community and faith-based partners
Disparities	Yes, the intervention will address race/ethnicity, income/SES, and gender disparities.
Interventions	MSK will use small media to build awareness among targeted audiences of the importance of cancer screening and demand for screening services . MSK has a team of health education specialists who collaborate with MSK's expert healthcare providers to equip people with cancer, their caregivers, and the public with accurate, reliable information about cancer and how to prevent and treat it. Materials about cancer prevention and screening for breast, colorectal, gynecologic, lung, skin, and prostate cancers are written for a middle school reading level in English, Spanish, and other languages
Family of Measures	# community and faith-based partners
By December 2023, we will have completed . . .	MSK will share educational materials and 1-2 small media assets (e.g., video, podcasts, blog posts) about cancer prevention and screening with 15-20 community and faith-based partners
Implementation Partner	Community-based organizations
Partner Role(s) and Resources	MSK will identify community and faith-based organizations to partner with to share and disseminate MSK-provided small media assets about cancer prevention and screening to their audiences.

MSK Ralph Lauren Center – Cancer Screening Program

Priority	Prevent Chronic Diseases
Focus Area	Focus Area 4: Preventive care and management
Goal Focus Area	Goal 4.1 Increase cancer screening rates
Objectives through 2024	Provide breast, colorectal, cervical, and prostate cancer screenings at no out of pocket cost for a minimum of 600 individuals ages 21-65 with an income of <\$25,000 Screen 3000 women for breast cancer Screen 200 women for cervical cancer Screen 300 individuals for colorectal cancer Screen 75 men for prostate cancer
Disparities	Yes, the intervention addressed SES /income disparity
Interventions	MSK Ralph Lauren Center cancer screening program provides uninsured women breast and cervical cancer screenings and men prostate cancer screening at no out-of-pocket cost. People who meet the eligibility requirements can also receive colorectal cancer screening through the New York State Cancer Screening Program.
Family of Measures	# individuals screened for each cancer screening service including breast, cervical, colorectal and prostate cancer # individuals referred to Medicaid Cancer Treatment Program (MCTP) for treatment for breast cancer
By December 2023, we will have completed . . .	Provide breast, colorectal, cervical, and prostate cancer screenings at no out of pocket cost for a minimum of 300 individuals ages 21-65 with an income of <\$25,000. MSK looks forward to 2023, when new legislation goes into effect that requires all New York Medicaid managed care plans and qualified health plans offered on the New York State of Health Exchange to contract with any of the state’s six NCI-designated cancer centers that are willing to participate. This legislation will allow more New Yorkers with these health plans to access the cancer screening tests MSK offers at our NY locations, as well as care at these locations should they receive a cancer diagnosis following routine screening.
Implementation Partner	City government
Partner Role(s) and Resources	The New York State Cancer Services Program of Manhattan at New York Presbyterian oversees the partnership which includes: Bellevue, Multi-Diagnostic Imaging, Ryan Chelsea Clinton, Project Renewal, and Charles B. Wang

The Arab Health Initiative

Priority	Prevent Chronic Diseases
Focus Area	Focus Area 4: Preventive care and management
Goal Focus Area	Goal 4.1 Increase cancer screening rates
Objectives through 2024	<p>Help 300 women get screenings for breast and cervical cancers</p> <p>Educate 450 women about breast cancer and early detection</p> <p>Educate 100 people about colorectal cancer</p> <p>Help 50+ people get access to colorectal cancer screening</p> <p>Educate 200 people about the HPV vaccine</p>
Disparities	Yes, the intervention will address race/ethnicity, income/SES, and gender disparities.
Interventions	The Arab Health Initiative provides patient education in Arabic, helps patients access healthcare services, and conducts research to improve health outcomes among Arab Americans. Its premier service, the Arab American Breast Cancer Education and Referral program (AMBER), makes it easier for Arab American women in New York City to access early detection and treatment services.
Family of Measures	<ul style="list-style-type: none"> # of referrals to evidence-based initiatives from healthcare professionals # of cancer awareness events # of cancer awareness event participants # of cancer screening events held in partnership with community providers # of individuals navigated to and/or through cancer screening
By December 2023, we will have completed ...	<p>Organize 6 cancer screening events with project partners</p> <p>Navigate 150 people with cancer screening</p> <p>Hold 10 cancer awareness events held with a minimum of 250 attendees.</p>
Implementation Partner	Community-based organizations
Partner Role(s) and Resources	Our partnerships with community based organizations, religious institutions and academic centers helped us to reach our objectives. Partners will collaborate with Arab Health Initiative staff to implement cancer awareness and screening events. Partners will leverage their ties with the Arab community and use their spaces to host events.

The Taxi Network

Priority	Prevent Chronic Diseases
Focus Area	Focus Area 4: Preventive care and management
Goal Focus Area	Goal 4.1 Increase cancer screening rates
Objectives through 2024	Help 50 drivers get screenings for colorectal cancer Help 75 drivers get screenings for prostate cancer Educate 300 drivers about cancer screening and early detection
Disparities	Yes, the intervention will address race/ethnicity, income/SES, and gender disparities.
Interventions	The Taxi Network is a community-based participatory research program, implemented in collaboration with the South Asian Council on Social Services, focused on resolving health issues of taxi drivers. Access navigators are used to provide culturally and linguistically appropriate assistance to drivers referred for cardiovascular, diabetes, and/or cancer health screening. Drivers found to have abnormal test values or who lack access to regular care are assisted in obtaining follow-up care.
Family of Measures	# of referrals to evidence-based initiatives from healthcare professionals # of health awareness events held/attended # of health screening events held in partnership with community providers # of individuals navigated to and/or through cancer screening
By December 2023, we will have completed . . .	Help 25 drivers get screenings for colorectal cancer Help 37 drivers get screenings for prostate cancer Educate 150 drivers about cancer screening and early detection
Implementation Partner	Transportation
Partner Role(s) and Resources	We partner with various taxi garages and community organizations that taxi drivers frequent. For example, we host health fairs and in-person virtual presentations at Union Fouta, which is an organization that serves the West African community including many taxi drivers. The organizations provide us with space for health fairs and presentations and access to their constituents. As a result, we are able to assist participants to make cancer screening appointments.

Health Window (Ventanilla De Salud)

Priority	Prevent Chronic Diseases
Focus Area	Focus Area 4: Preventive care and management
Goal Focus Area	Goal 4.1 Increase cancer screening rates
Objectives through 2024	Educate 1600 participants about cardiovascular disease, diabetes, nutrition and cancer risk reduction and screening. Organize 10 cancer screening events with VDS partners. Navigate at least 300 eligible men and women into cancer screenings. Hold 25 cancer awareness events with a minimum of 400 attendees.
Disparities	Yes, the intervention will address race/ethnicity, income/SES, and gender disparities.
Interventions	Health Window (Ventanilla De Salud) was created by the Mexican Consulate as a collaboration between government and private organizations. Its goal is to eliminate barriers to healthcare in the growing Mexican-American population. IHCD provides free health screenings, helps individuals enroll into health insurance plans, provides patient education and referrals to primary and other healthcare providers, and navigates patients into case management as needed.
Family of Measures	# of referrals to evidence-based initiatives from healthcare professionals # of health awareness events held/attended # of health screening events held in partnership with community providers # of individuals navigated to and/or through cancer screening: # of individuals enrolled into health insurance if eligible or another health care program. # of individuals who received health screenings
By December 2023, we will have completed . . .	Educate 800 participants about cardiovascular disease, diabetes, nutrition and cancer risk reduction and screening (cancer screening education include prostate, colorectal, breast, cervical, skin and lung). Organize 5 cancer screening events with VDS partners. Navigate at least 150 eligible men and women into cancer screenings. Hold 15 cancer awareness events with a minimum of 200 attendees.
Implementation Partner	Local governmental unit
Partner Role(s) and Resources	MSK partners with several community clinics, community-based organizations and nonprofit organizations who follow the Ventanilla De Salud at the Mexican Consulate's mission and offer services to the Hispanic immigrant community. Some of the partners like Institute for Family Health offer primary care services to community members who are uninsured and help to reinforce case management and increase health care access. We also partner with organizations like SHARE who offer education and awareness in Spanish to women diagnosed with cancer.

The Mobile Health Unit

Priority	Prevent Chronic Diseases
Focus Area	Focus Area 4: Preventive care and management
Goal Focus Area	Goal 4.1 Increase cancer screening rates
Objectives through 2024	Educate 2000 community members about cardiovascular disease, diabetes, nutrition and cancer risk reduction and screening. Organize 20 cancer screening events with MHU partners. Navigate at least 450 eligible men and women into cancer screenings. Hold 30 cancer awareness events with a minimum of 500 attendees.
Disparities	Yes, the intervention will address race/ethnicity, income/SES, and gender disparities.
Interventions	The Mobile Health Unit (MHU) is an extension of IHCD/MSKCC well-known work with underserved and immigrant populations—allowing it to serve hard-to-reach communities in the five boroughs, Westchester and Long Island. The Mobile Health Education Unit is aimed to become a presence at greater New York City-area community-based organizations, houses of worship, workplaces known to employ immigrant workers, and local events. Mobile Health Unit program provides cancer risk reduction and screening education, screenings, referrals to cancer screenings, referrals and case management for primary care and other medical services, insurance enrollment or healthcare coverage, Covid-19 primary series and booster navigation services, telemedicine and patient portal education
Family of Measures	# of referrals to evidence-based initiatives from healthcare professionals # of health awareness events held/attended # of health screening events held in partnership with community providers # of individuals navigated to and/or through cancer screening # of individuals enrolled into health insurance if eligible or another health care program # of individuals who received health screenings
By December 2023, we will have completed . . .	Educate 1000 community members about cardiovascular disease, nutrition and cancer risk reduction and screening for prostate, colorectal, breast, cervical, skin and lung cancers. Organize 10 cancer screening events with MHU partners. Navigate at least 250 eligible men and women into cancer screenings. Hold 20 cancer awareness events with a minimum of 300 attendees.
Implementation	Local governmental unit
Partner Role(s) and Resources	The MHU partners with community based organizations and faith based organizations, as well as healthcare facilities and non-profit organizations to bring services to the community. Several of these organizations offer food pantry services and are safety nets for community members which help MHU staff to access and engage their constituents. Partners collaborate to organize cancer awareness events and educational presentations to their audience. As a result, the MHU is able to offer screenings, and assist participants with cancer referrals and appointment.

MSK Nassau – Cancer Screening Program

Priority	Prevent Chronic Diseases
Focus Area	Focus Area 4: Preventive care and management
Goal Focus Area	Goal 4.1 Increase cancer screening rates
Objectives through 2024	<p>Implement a cancer screening outreach campaign with Nassau County that will:</p> <ol style="list-style-type: none"> 1) increase the number of cancer awareness events 2) increase the number of cancer awareness event participants 3) increase the number of events with community partners that address cancer disparities 4) increase the number of people who receive cancer screenings at MSK Nassau, especially through the NYS CSP
Disparities	Yes, the intervention will address race/ethnicity, income/SES, and gender disparities.
Interventions	In partnership with Nassau County, conduct targeted community outreach to people eligible for the NYS Cancer Screening Program and provide the opportunity to be screened for cancer at MSK Nassau
Family of Measures	<ul style="list-style-type: none"> # of cancer awareness events # of cancer awareness event participants # of cancer screening events held in partnership with community providers # of individuals navigated to and/or through cancer screening
By December 2023, we will have completed . . .	Develop campaign in partnership with Nassau County.
Implementation Partner	Local health department
Partner Role(s) and Resources	<p>Local health department will:</p> <ul style="list-style-type: none"> Identify County residents for outreach Lead targeted and personal outreach to residents Share updated data on cancer disparities experienced by County residents Support planning and promotion of educational/screening events