UNIVERSITY OF MICHIGAN

Five-Year Capital Outlay Plan and Project Request

University of Michigan – Ann Arbor

FY2026

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University of Michigan – Ann Arbor
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I. Mission and Overview

The mission of the University of Michigan is to serve the people of Michigan and the world through preeminence in creating, communicating, preserving and applying knowledge, art, and academic values, and in developing leaders and citizens who will challenge the present and enrich the future.

U-M delivers on its mission through excellence in academics, student life, research, healthcare, athletics, and community service.

Our various schools and colleges are educating the next generation of leaders and thinkers, while a wide array of services and programs enrich the academic experience and foster an environment where students can thrive.

Our community is addressing some of society's most complex problems through research, creativity, and innovation. Michigan Medicine is dedicated to providing high-quality healthcare. U-M's rich athletics tradition builds community and provides life-changing opportunities to student-athletes. And our commitment to the public good includes nurturing community partnerships throughout the state to address issues ranging from education and justice to economic development and natural resources.

Various initiatives—including diversity, equity and inclusion, sustainability, the arts, and innovation—complement the university's mission.

Campus planning and strategic vision initiatives are currently underway. Vision 2034 seeks to define how U-M will evolve over the next 10 years. Campus Plan 2050 has crafted a blueprint for how the Ann Arbor campus will develop over the next 30 years.

U-M's academic programs and initiatives, staffing, and enrollment build on our mission and university-level initiatives to drive priorities related to the physical campus. All influence the need for space, utilities, transportation, and other facilities and services, as outlined in this report. Sustainability and stewardship are key to delivering on our mission.

Sustainability

For well over a decade, the university has been committed to integrating sustainability into our mission. In 2011, the Ann Arbor campus began pursuing a set of challenging sustainability goals—in the areas of climate action, waste reduction, healthy environments, and community engagement—and expanded upon this commitment in 2021 by establishing university-wide carbon neutrality goals. Since then, we have accelerated meaningful climate action across all campuses.

Facility-related sustainability initiatives have led to lasting operational and cultural shifts. Examples include:

- An ongoing energy management program has contributed to a 25% reduction in energy use in academic buildings since 2006, accommodating growth in space without increasing emissions
- Sustainable grounds practices and stormwater management programs protect and preserve the local Huron River watershed
- Maximum emissions targets prioritize energy efficiency and carbon reduction in new construction and major renovation projects
- Composting, recycling, and reuse programs support an institutional goal to reduce waste sent to landfills by 40%

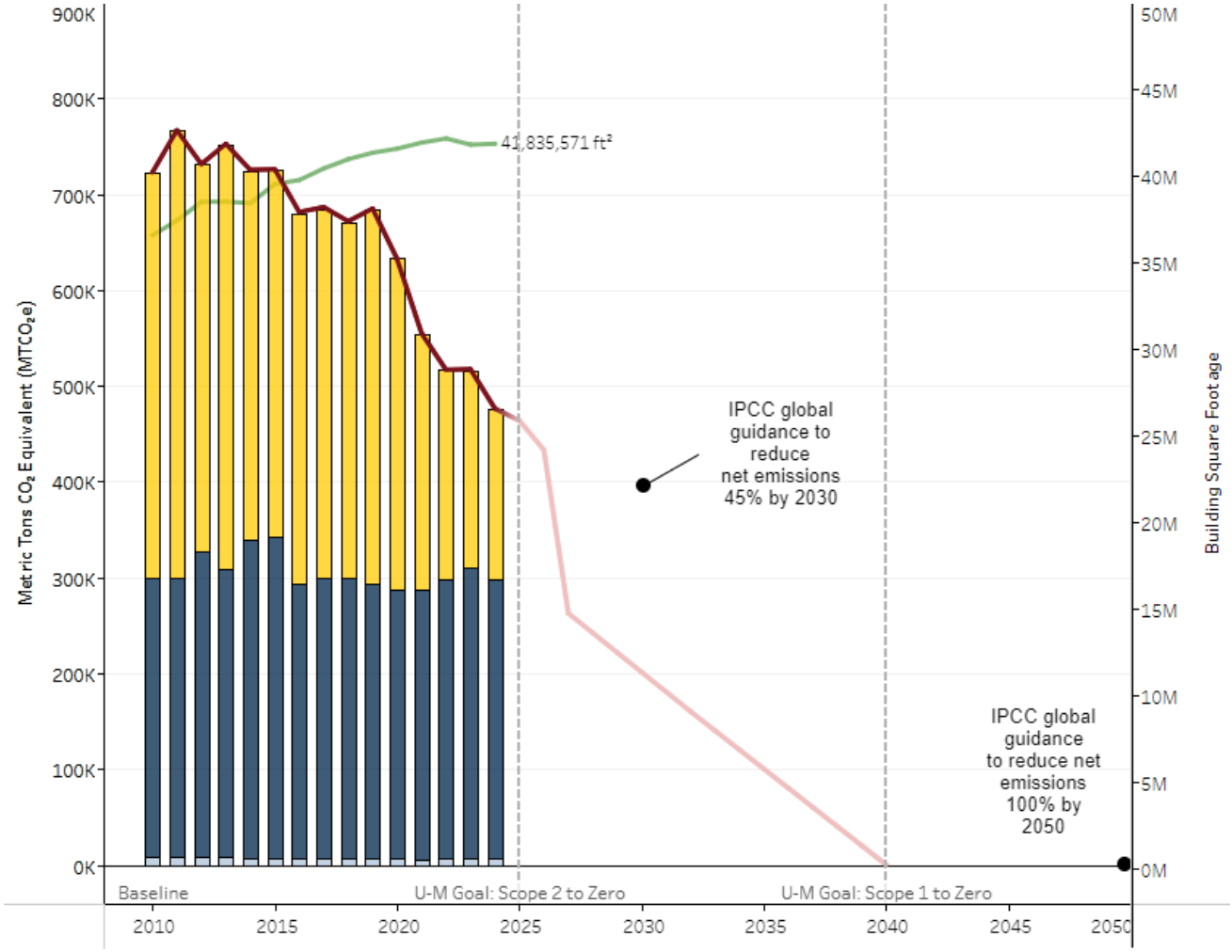
These highlights are part of the foundation on which U-M is expanding its sustainability efforts.

Carbon Neutrality

U-M established carbon neutrality goals and launched a campus planning initiative that includes carbon neutrality as a central component. In addition, the university has completed a utility master plan focused on decarbonizing heating and cooling infrastructure across North Campus. These planning processes will provide guidance to expand upon projects that are currently underway.

U-M is committed to achieving net-zero Scope 2 greenhouse gas emissions from purchased power by 2025; eliminating Scope 1 emissions from direct, on-campus sources by 2040; identifying net-zero goals in 2025 for indirect Scope 3 emissions sources such as campus food, commuting, and university travel; and fostering a culture of sustainability with justice as a core principle. The goals span the Ann Arbor, Dearborn, and Flint campuses, Michigan Medicine and Athletics.

U-M Greenhouse Gas Emissions Levels and Reduction Trajectory



The university is furthering its commitment to climate action through transformative projects including:

- Geo-exchange facilities as a key strategy toward decarbonizing heating and cooling infrastructure, beginning with the Leinweber Computer Science and Engineering Building, a new Central Campus residential development dining hall, and the new Edward and Rosalie Ginsberg Building. U-M designs all new building and renovation projects to be compatible with renewable energy-driven heating and cooling systems.
- Launching a project to install 25 megawatts of onsite solar installations across the university, facilitate living-learning laboratory opportunities, and support solar projects in surrounding communities.
- Boosting energy conservation projects with a $25 million revolving energy fund that dispenses zero-interest financing to university units pursuing energy efficiency projects. The projects include substantial LED lighting installations and heating, ventilation and air conditioning improvements.
- Decarbonizing U-M's vehicle fleet is well underway with the deployment of eight electric buses, 56 battery electric fleet vehicles, and 169 charging stations as of FY24.

Mobility

Mobility is key to a well-functioning campus and has a strong nexus with sustainability. Our high-level transportation strategy is to provide and encourage a variety of forms of transportation in alignment with the university's priorities.

As part of the university's ongoing campus planning, the university has focused on a high-capacity transit corridor plan to connect Central, Medical and North Campus. An automated guideway and/or bus rapid transit continues to be a high priority and was recommended by the President's Commission on Carbon Neutrality as an important strategy to improve connectivity and interdisciplinary collaboration between campuses and support our carbon neutrality goals.

As part of the university's overall transportation system—which includes strategies such as shuttles and vanpools—and planning for a high-capacity transit corridor, the parking system provides approximately 30,000 total parking spaces serving members of the university community as well as patients and visitors.

Over a five-year cycle, a parking engineering consultant is engaged to assess the condition of U-M's 17 parking structures. The assessments are used to develop a system-wide maintenance program to guide future repairs and budget planning. An update to this Parking Structure Capital Improvement & Protection Plan (CIPP) will be completed for 2025 by the end of this calendar year.

CIPP construction and repair projects completed in 2024 included six parking structures, with two parking structures having same-year repairs identified and completed. Other CIPP projects included resurfacing of two surface parking lots and standard maintenance items such as crack filling, patch repair, and damaged curb and gutter replacement.

In addition to these maintenance and repair efforts, a Virtual Permit Management System is being implemented to streamline the parking permit process, making it more efficient and user-friendly for the university community. This new system is expected to reduce administrative overhead and enhance the user experience by providing a more accessible and manageable system for parking permits. Moreover, upgrades to the Parking Access and Revenue Control system are planned in order to improve operational efficiency. These upgrades will include updated access control technologies and systems, providing a more responsive and seamless parking experience for all users.

Utilities

U-M proactively and routinely reviews utility infrastructure to ensure the necessary production, distribution, and collection systems for steam, natural gas, compressed air, potable water, electricity, chilled water, and sanitary and storm sewer systems are in place to provide safe and reliable utilities. Projects are prioritized and implemented from these assessments.

A comprehensive North Campus Utility Master Plan was recently completed. This study identified the collective system needs to support current and future facility requirements that best meet our long-term goals for carbon neutrality. Additionally, a targeted study was performed to evaluate installation of geo-exchange on Palmer Field (Central Campus). These projects align with and support the broader Campus Plan 2050 initiative. A comprehensive Central Campus Utility Master Plan is anticipated to kick off this year.

Significant current and upcoming projects include:

- Replacement of aging electrical switchgear is underway in the East Campus Switching Station and others are planned across campus over the next few years. These projects will ensure the continued reliability of the university's electrical distribution system and allow for further electrification of campus, including the installation of electric vehicle charging infrastructure.
- Design is underway on a joint project between the university and the city of Ann Arbor, that will replace both university and city water mains along State Street and North University Avenue near the Diag and consolidate them into one main.
- Several projects to replace aging steam absorption chillers are underway or scheduled to begin over the next few years. These include units located in Angell Hall, Palmer Commons and at the School of Social Work. These projects will significantly reduce ongoing utility and maintenance costs for the university, while maintaining and improving cooling system performance for occupants of the buildings served.

Stewardship

U-M prioritizes careful stewardship of campus facilities through planning, coordination, and maintenance of existing assets. Our policies support inclusion of maintenance and renewal in capital projects and major renovations. We monitor major building components and systems, including architectural, structural, civil, mechanical, electrical, life safety and fire protection, environmental health and occupational safety, and building accessibility.

Maintenance protects the functionality and extends the lifespan of existing assets, and typically takes place behind the scenes. These activities often go unrecognized, but are important for students, faculty, and staff to experience a safe and welcoming campus. See section IV for details on the university’s facility assessment process, which provides strategic direction for maintenance activities.

Space Utilization

The university optimizes space utilization through campus-wide policies, processes, and reporting tools that support space management, enhance efficiency, and promote coordinated planning. These policies and tools encompass all types of spaces, including instructional, research, office, and food operations, and they reinforce the notion that space is an institutional resource to be shared and managed effectively for the university's benefit.

Remote and hybrid work models continue to support and drive innovative space utilization efforts and opportunities. Many departments with staff who can work remotely now require less space or different types of space. Whenever feasible, some departments have reduced their footprint, freeing up space for higher-priority needs or creating more flexible, multipurpose areas to support new ways of working and learning. We will continue to adapt to meet mission-driven needs and priorities, incorporating lessons learned to ensure optimal efficiency in both existing and new spaces.

Our campus prioritizes renovating and repurposing existing academic spaces to meet campus needs before considering building expansions. Examples of creative repurposing include:

- The School of Nursing will complete a 31,000 gross square foot renovation of their building, which is over 100 years old (expected completion in 2025). The project focuses on creative repurposing, converting dated, underused office wings into a community and collaboration space for students, as well as much-needed classroom space.
- The Reserve Officers Training Corps (ROTC) will move into their new home in the historic Observatory Hall, with approximately 30,500 gross square feet being renovated (expected completion in 2026). This project will consolidate critical ROTC program elements for three military branches within one building, update interior finishes, create classroom space, create an officers' fitness space and showers, add gender-inclusive restrooms, and provide cadet collaboration spaces for each branch.
- U-M Health Clinical Pathology recently completed a critical relocation and renovation of a new 140,000-square-foot pathology facility, consolidating six different labs under one roof in a former Pfizer building in the North Campus Research Complex. This project enhanced clinical laboratory functions to meet present and future growth in test volumes, improved operational efficiency, and reduced the expenses associated with operating laboratories in multiple locations.
- The Shapiro Undergraduate Library transformed its entire third floor into the Clark Commons, a modern study and collaboration space for students, faculty, researchers, and staff. Previously used for collections storage, this area is now a leading example of modern academic library facilities and a prototype for how the library intends to transform its complex over time.
- The historic Alexander G. Ruthven Building has been repurposed into flexible administrative, academic/research, student service, and meeting spaces. This nearly 100-year-old Albert Kahn building previously housed the university's biological sciences departments and natural history museum. When those functions moved to nearby buildings in 2018, the outdated spaces were renewed and renovated into flexible areas that will support U-M's core work for decades to come. This transformation also enabled the demolition of the outdated Fleming Administration Building, eliminating a significant amount of deferred maintenance.
- The Edward Henry Kraus Natural Sciences Building has been transformed into the new School of Kinesiology Building. This Albert Kahn-designed structure, over 100 years old, previously housed part of the university's biological sciences departments. When those functions moved in 2018, the outdated spaces were renovated into modern research, teaching, and administrative areas for the School of Kinesiology.
- The Dental W.K. Kellogg Institute Building has been renovated to create modern clinics for improved patient care, flexible research space, and meeting/collaboration areas. This project received support from the state through the capital outlay process.
- A decommissioned research facility at the North Campus Research Complex has been repurposed to house library, art, and other historical collections.
- Weiser Hall, an aging and outdated 1960s classroom building, has been transformed into modern and flexible administrative, teaching, and meeting/collaboration spaces for international programs and other centers and institutes.
- Several lesser-used classrooms in the Modern Languages Building have been converted into a testing center for students with special test-taking needs.

- A previously vacant university-owned warehouse, the Varsity Drive Building, has been converted into a multi-use facility that houses research labs and specimen collections for the College of Literature, Science, and the Arts.
- The former Ford Nuclear Reactor has been repurposed into the Nuclear Engineering Laboratory building, a project that increased overall space utilization and resulted in a 20 percent increase in the building's total square footage.
- The Medical School is converting approximately 60,000 gross square feet of obsolete wet lab research space in the 1954 Medical Science Unit 1 Building into an efficient and collaborative dry and computational research environment.

II. Instructional Programming

Founded in 1817, the University of Michigan boasts over 200 years of leadership in education, innovative research, stewardship, and service to the State of Michigan. The university consistently ranks among the top ten public universities in the U.S., according to U.S. News & World Report. It receives high marks for retention and graduation rates, as well as for the reputation and excellence of its undergraduate, graduate, and professional degree programs offered by 19 schools and colleges. As a public institution, the university aims to fulfill its mission through teaching, research, and service, set within the framework of various schools, colleges, institutes, and centers, and through strategic partnerships with both public and private institutions in Michigan and beyond.

The following sections describe various programs that support the university's core missions and activities that may impact facility needs over the next five years. It is an exciting time, as U-M has released Vision 2034, which outlines four core impact areas that will serve as the foundation for innovation in programming over the next decade. Complementing Vision 2034, the Campus Plan 2050 initiative has engaged the U-M campus community to help craft U-M's blueprint for the future, focusing on the physical resources needed to fulfill the university's strategic vision. In the coming years, the campus plan will help prioritize the needs outlined below within a 5, 10, or 25-year horizon.

A. Alfred Taubman College of Architecture and Urban Planning

The University of Michigan offered its first architecture courses in 1876. Today, the Taubman College offers bachelor's, master's, and doctoral degrees in fields such as architecture, urban and regional planning, and urban design. The college shares the 1970s-era Art and Architecture Building on North Campus with the Penny W. Stamps School of Art and Design and leases off-campus space for faculty and graduate student studios. A 2017 gift from A. Alfred Taubman enabled the addition of a wing that provides modern instructional spaces, expanded student studios, and more areas for student-faculty interaction, critiques, and exhibitions. Much of the original 1970s building features aging classrooms, administrative offices, and other support spaces that will eventually need renovation. Taubman College is in the early stages of understanding how to address its highest priorities, partnering with the Penny W. Stamps School of Art and Design in this effort.

Penny W. Stamps School of Art & Design

The Penny W. Stamps School of Art & Design shares the Art and Architecture Building with the A. Alfred Taubman College of Architecture and Urban Planning, offering a comprehensive range of bachelor's and graduate programs in art, design, and inter-arts performance. Due to space constraints in the main building, the school operates out of three facilities: the Art and Architecture Building, a campus warehouse used for faculty and graduate student studios, and a leased gallery space nearly three miles away for displaying student and faculty work. These constraints limit some students' access to studios. Although the university has made efforts to expand studio space within the current footprint, the space-per-student ratio remains low compared to peer institutions. The school is in the early stages of understanding options to meet its highest priorities in partnership with the A. Alfred Taubman College of Architecture and Urban Planning.

Stephen M. Ross School of Business

The Ross School of Business educates leaders, researchers, and lifelong learners who create innovative solutions to the world's most complex business challenges, consistently ranking highly both nationally and internationally. The school offers action-based instruction at all levels, from bachelor's, master's, and doctoral programs in business, accounting, management, supply chain management, and business analytics, to executive education programs in leadership and management. The impact of the school's graduates extends globally. The school occupies multiple buildings on Central Campus, many of which have been recently constructed or renovated with support from its donor and namesake, Stephen M. Ross. Additionally, the school leases nearby off-campus space for some core academic functions and continues to express the need for an on-campus solution for these functions. Currently, the school is addressing its older building, Wyly Hall and the Executive Residence, with a renovation project set for completion in 2026.

School of Dentistry

Established in 1875, the School of Dentistry is one of only two dental schools in Michigan and is consistently ranked among the top nationally. It offers bachelor's, master's, and doctoral degrees, as well as certifications and continuing education, in various dental fields including dental hygiene, pediatric dentistry, orthodontics, periodontics, and oral and maxillofacial pathology and surgery. The school's dedication to health and wellness extends well beyond research labs and classrooms; it provides clinical services to patients on campus and throughout Michigan, focusing particularly on underserved, at-risk, and special-needs patients. In 2017, the state authorized capital outlay funds to renovate and expand the Dental W.K. Kellogg Institute Building. Construction began in 2018 and concluded in 2022, improving the building's infrastructure, creating modern clinics (including a new special needs clinic), flexible research spaces, and collaborative areas. While this project addressed the school's most pressing needs, some areas—such as research labs, classrooms, and vivaria—were not included and will require future investment.

School of Education

Founded formally in 1921, the School of Education first offered teacher diplomas in 1874, with master's and doctoral degrees following in subsequent decades. The school prepares students for professional careers in teaching and administration, providing advanced training and certification for researchers and practitioners at all levels of education. Housed in a building from the 1920s (previously an elementary and high school), the school has undergone modest renovations over the years but has identified the need for further renovations to better support its mission and improve accessibility.

College of Engineering

Established in 1895, the College of Engineering is renowned both nationally and internationally for delivering high-quality education and cutting-edge research to help solve global problems. Today, nearly all of the college's undergraduate and graduate programs rank in the top 10 nationally, providing students with academic excellence. The college occupies over 30 buildings on North Campus, many built over 40 years ago when engineering program requirements were much different from today. Consequently, the university continually renovates and modernizes instructional and research facilities as priorities dictate and funds allow. Examples from the past decade include the renovation and addition to the G. G. Brown Memorial Laboratories (with state

support), repurposing the former Ford Nuclear Reactor into the Nuclear Engineering Laboratory Building (with donor support), and constructing the new Ford Motor Company Robotics Building, which included a naming gift. While these projects address many modern teaching and research needs, several departments and programs remain in aging spaces. The college will soon update its strategic facilities master plan to identify capital project needs and priorities across its departments. An earlier study prioritized the needs of the Computer Science Engineering (CSE) department, currently in the Bob and Betty Beyster Building. With state capital outlay support and support from Larry Leinweber and his family foundation, U-M is constructing the Leinweber Computer Science and Information Building, expected to open in 2025. Additionally, the college and U-M are poised to lead in electric vehicle (EV) research, training, and workforce development, thanks to a transformational state grant supporting the creation of an EV center. The EV center's study phase is set to be completed by the end of 2024.

School for Environment and Sustainability

The University of Michigan began offering classes in forestry in 1881, becoming the first university in the United States to do so. In 1903, it created the Department of Forestry, which has evolved into today's School for Environment and Sustainability (SEAS). Since the late 1880s, SEAS has pioneered the scientific understanding of ecosystems, including their conservation, management, and restoration. The school trains leaders, assists in policy-making, and imparts the skills necessary to manage and conserve the earth's resources. SEAS offers master's and doctoral degrees, as well as certifications in fields like conservation ecology, environmental informatics, geographic information systems (GIS) and modeling, environmental policy and planning, and sustainable systems. The school's historic home, the Samuel Trask Dana Building, underwent significant renovations in the early 2000s, supported largely by state capital outlay funds. Completed in 2004, it became the first major academic renovation in Michigan to receive a LEED Gold certification for sustainable design and construction, and it was among the first in the country. Since this renovation, the school has significantly transformed and strengthened its mission to address real-world climate issues through research and partnerships across campus, the state, and beyond. SEAS has also experienced significant enrollment growth and is beginning to explore ways to better meet its academic and research missions within its current space.

School of Information

A formal program in library and information studies began in 1926 with the creation of the Department of Library Science within the College of Literature, Science, and the Arts. The department became a fully independent School of Library Science in 1969. In response to rapid technological changes, the school significantly broadened its teaching and research in the 1990s and was renamed the School of Information. The school offers a highly interdisciplinary and collaborative approach to education, preparing leaders in the information professions. The School of Information occupies space in the North Quadrangle Residential and Academic Complex (North Quad) and in four off-campus leased spaces, required to support its tremendous growth over the past several years. Since 2010, the school has added several new master's programs and a new undergraduate program. To address this growth, the university is constructing the Leinweber Computer Science and Information Building, expected to be completed in the Spring of 2025. We are grateful to the state for their partnership through the capital outlay process and to Larry Leinweber and his family foundation for their generous support in making this project possible.

School of Kinesiology

Kinesiology has been part of the University of Michigan curriculum since the early 20th century, but the school became an independent unit in 1984. Today, it offers bachelor's, master's, and doctoral degrees in various fields, including athletic training, health and fitness, movement science, and sport management, making it a top-ranked program nationally. Due to the school's significant growth, the university recently renovated and transformed the 1915 Edward Henry Kraus Natural Sciences Building (designed by Albert Kahn) into the School of Kinesiology Building. This project allowed the school to consolidate its programs into one facility, accommodating its needs for years to come.

Law School

Since its founding in 1859, the Law School has been a national and international leader in legal education and access. In 1870, it became the nation's second university to award a law degree to an African American, and in 1871, the first to award a law degree to a woman. The school's graduates work in every state and around the world in various sectors, including business, academia, legislation, and the judiciary. In recent years, the Law School has significantly improved and expanded its historic but aging facilities through a series of renovations and construction projects, made possible by generous donors like Lisa and Christopher Jeffries and Charles T. Munger, for whom buildings are now named. Some aging facilities will still require attention in the future.

University Library System

The University Library System traces its history to 1838, one year after the university relocated to Ann Arbor, with the purchase of John James Audubon's Birds of America books, which are still on display. While much has changed since its founding, the library remains central to advancing the university's research and teaching missions. Today, the University Library is one of the largest university library systems in the United States, holding over 14 million physical and digital volumes. The library leads the university's efforts in materials digitization, online and distance learning, and digital education, aiming to enhance the effectiveness and efficiency of on-campus teaching, educational technology, and outreach to new audiences. These technological advancements, along with the evolving ways students and the community interact with collection materials, have significantly changed the library's responsibilities and operations. Consequently, the library has begun transforming its buildings to provide new ways for the university community to interact with its materials. The University Library's main operations are housed in the Harlan Hatcher Graduate Library (Hatcher) and Shapiro Undergraduate Library (Shapiro), two interconnected buildings that form one complex in the heart of Central Campus. Hatcher, designed by Albert Kahn, is over 100 years old, and Shapiro is over 65 years old. Although heavily used (with over 2 million visitors each year), these buildings no longer adequately meet campus needs. Both were built when libraries primarily housed book stacks and provided quiet study areas. Given their central campus location, these buildings would ideally be transformed into modern facilities offering information, services, and spaces that better support contemporary teaching, learning, and research, while improving access to digital and print collections. Thanks to a gift from Stephen S. Clark, the library began transforming the complex with the creation of the Clark Commons on the third floor of Shapiro. This 35,000-square-foot space, a highly used area since its completion, serves as a prototype, providing modern study and collaboration space for students, faculty, researchers, and staff.

To continue this reimagining and address the complex's aging infrastructure, a large portion of collections will need to be relocated. The university is exploring options for creating a long-term, secure, and climate-controlled off-site facility.

College of Literature, Science, and the Arts

The College of Literature, Science, and the Arts (LSA) is the largest college on the Ann Arbor campus, serving the highest number of undergraduates and housing its departments, and centers in over 25 buildings. Due to its large size and diverse curriculum, the college continually makes space improvements and conducts modest renovations to meet its academic and research needs while updating aging buildings. LSA has identified the Chemistry Building as its highest priority for a more comprehensive solution. Built in three phases (1908, 1948, and 1988) and totaling 545,000 gross square feet, this building supports chemistry research and foundational chemistry and natural science classes required by multiple schools and colleges on campus. However, its research and teaching labs are antiquated, costly to renovate individually, and no longer meet modern science needs. Addressing the Chemistry Building is a high priority for the university, but the project will take time due to the building's size, complexity, and the essential nature of its labs to many science-related programs on campus. A study is underway to determine the best approach for this major project. The university is also currently studying options to accommodate the needs of the college's fast-growing majors, Statistics and Economics.

Medical School

Since opening in 1850, the Medical School has been a leader in medical education, biomedical research, and patient care. Besides its professional Doctor of Medicine program, the school offers master's and doctoral degrees in the basic medical sciences. It is renowned for numerous firsts in medicine, including establishing the nation's first university-owned and operated teaching hospital and creating the first departments of pharmacology and human genetics in the United States. The Medical School was also among the first major American medical schools to admit and graduate women and minorities. As science and clinical care models continuously evolve in the healthcare industry, it's crucial that our top-ranked Medical School remains nimble to position itself for the future of medical education. The Medical School continues to renovate and modernize its instructional and research facilities as priorities dictate, and funds allow. The school is evaluating its existing facilities to determine the best ways to support the learning and research communities. This includes replacing traditional lecture halls with flexible, reconfigurable classrooms; expanding simulation spaces and labs to support immersive and active learning; and providing spaces that promote student well-being.

School of Music, Theatre & Dance

As one of the oldest and largest schools of music in the United States, the School of Music, Theatre & Dance ranks among the top music and conservatory schools in the country. It offers bachelor's, master's, and doctoral degrees in nearly all fields of music, dance, and theater. The school occupies five buildings on North and Central Campuses. Recently, the university has upgraded and modernized some of the school's facilities. In 2021, the new Dance Building on North Campus was opened. This 24,000 gross square foot facility includes dance studios, a large performance studio theater, physical training, student support spaces, and administrative offices, replacing a smaller, outdated campus building and a leased facility miles away. However, the school still has aging facilities on North Campus that will need attention in the future.

School of Nursing

The School of Nursing has upheld a reputation of excellence for over 100 years and remains a national leader in nursing knowledge and health care. The school offers bachelor's, master's, doctoral, and certification programs in various nursing fields, such as pediatrics, gerontology, and midwifery. In 2015, the school opened a new 78,000 gross square foot building adjacent to the original structure. This new building features active-learning classrooms, a technology-rich clinical learning center equipped with simulation and skills labs, simulated patient suites, offices for student services, and a few faculty offices. The original Nursing Building, over 100 years old, still houses many of the school's core functions. The university is currently exploring ways to improve this historic building, focusing on creating student-centric spaces where students, faculty, and staff can connect, study, and learn. The school is in the construction phase of converting outdated office wings into much-needed classroom space and student study and collaboration areas on the main level of the original building.

College of Pharmacy

Established initially as a department in 1868, the College of Pharmacy became an independent college in 1876, the first of its kind at any university in the United States. Today, it is the oldest college of pharmacy in the country and consistently ranks among the top three programs nationally, offering a variety of bachelor's, master's, and doctoral degrees in fields such as pharmaceutical sciences, pharmaceutical engineering, and medicinal chemistry. The college currently occupies space in six campus buildings, excluding clinical space, five of which were built before 1960, thus having aging infrastructure and outdated science research labs and classrooms. For a small college like Pharmacy, being spread across multiple aging buildings poses significant challenges in meeting its core academic, research, and clinical missions, operating efficiently, and maintaining its high ranking. In May 2019, the U-M Board of Regents approved a project to design a new 130,000 gross square foot building to co-locate and modernize the college's core functions, including research, administration, and instructional spaces. This building is currently under construction and is expected to be completed in 2025.

School of Public Health

Though formally established in 1941, the School of Public Health (SPH) traces its origins to 1887, when the first professor of hygiene was appointed, and to 1897, when the university awarded its first degree in that field. Today, the school offers undergraduate, master's, and doctoral degrees in fields such as biostatistics, environmental health sciences, epidemiology, health behavior and health education, nutritional sciences, health management and policy, and population and health sciences. The school occupies a two-building interconnected complex, comprising the SPH I and SPH II buildings. In 2007, the school renovated and expanded the original 1942 SPH I building, adding much-needed classroom, research, and administrative space. While this project addressed the school's urgent needs at that time, it did not include the 1971 SPH II building, which has not been significantly updated since its construction. SPH has grown significantly since 2007, and the building complex currently fails to meet the school's needs for preparing future healthcare workers who are critically needed both locally and globally. Spaces in the SPH II building do not meet accessibility, sustainability, or modern research standards, and the school lacks vital, modern research and instructional spaces to support its growth. For these reasons, we are submitting a renovation project for the SPH complex as the FY26 state capital outlay request. Capital outlay funds for this project would

transform outdated research laboratories and classroom spaces to meet the world-class research conducted by faculty and the modern pedagogical practices needed to support the school's cutting-edge curriculum and programs. These programs significantly impact health equity and infectious diseases. Modernizing the SPH complex would support the school's efforts to attract and retain talent in a highly competitive market and increase its research capacity to inform policies that enhance the overall health and well-being of the community. These improvements would contribute to Michigan's talent enhancement, job creation, and economic growth initiatives at local, regional, and statewide levels.

Gerald R. Ford School of Public Policy

The Gerald R. Ford School of Public Policy traces its history to the founding of the Institute of Public Administration in 1914, the first university program in the United States to provide a systematic course of study in municipal administration. Today, named in honor of Gerald R. Ford, the 38th President of the United States and a University of Michigan alumnus, the school prepares graduates for distinguished careers in policy analysis and management, promoting improved public policy through research. Its graduates work in government and in private and nonprofit sectors across Michigan, the United States, and throughout the world. Thanks to a generous gift from Joan and Sanford Weill, the school consolidated into Weill Hall in 2006. Since then, the school has experienced changes in research and teaching, including adding a new undergraduate program (beyond its traditional graduate focus). To address this growth, the school continually seeks ways to accommodate its changing needs within its building.

Horace H. Rackham School of Graduate Studies

The Horace H. Rackham School of Graduate Studies oversees and coordinates graduate education, bringing together graduate students and faculty from across the institution to fully experience and benefit from the university as a scholarly community. In 2003, a major renovation of the historic Horace H. Rackham Building, originally constructed in 1938, was completed. Additional infrastructure improvements were made in 2015. Given the building's age, historic significance, and prime location as an event and study facility on Central Campus, it will require ongoing upkeep.

School of Social Work

The program in Social Work began in 1921 and obtained school status in 1951. The School of Social Work consistently ranks among the top programs in the nation, offering master's and doctoral degrees, as well as continuing education, to prepare practitioners, researchers, and academics in fields such as interpersonal therapy, community organization, management of human services, and social policy and evaluation. Its graduates work across Michigan, the U.S., and globally, serving individuals, children and families, organizations, and communities in areas such as substance abuse, aging, mental health, education, child and public welfare, and public policy. In 2018, the school completed a minor renovation of the School of Social Work Building, repurposing spaces previously occupied by non-social work functions. This project addressed some of Social Work's most pressing needs for administrative, faculty, instructional, and student service spaces.

III. Staffing and Enrollment

The University of Michigan Ann Arbor enrollment surpassed 50,000 this fall for the fourth year running and increased by almost 800 students compared to fall 2023. Over the last two decades, enrollment has grown modestly at 1.5% per year. In the next several years, enrollment growth is expected to continue at a similar pace, with growth in online course and program offerings and undergraduate summer class enrollment being pursued. Detailed fall enrollment data by school and college for the most recent five years is in Appendix A.

Average class size varies by discipline. In fall 2023, 54 percent of the primary sections taught to undergraduate students had fewer than 20 students. Some sections are taught to large groups where appropriate; 18.5 percent of the total undergraduate sections had 50 or more students in fall 2023.

The full-time equivalents (FTEs) of faculty and staff supported by the General Fund displayed a compound annual growth rate of 2.8 percent from fall 2014 through fall 2023. The volume of research expenditures, the total from grant and university sources, has increased 4.6 percent per year over the past 10 years.

In-person instruction has returned to being the norm after pandemic-induced remote instruction, although the university remains aware of the possibility that evolving pandemic conditions may call for adjustments to the mode of instruction.

Several schools and colleges—including the College of Engineering, Medical School, School of Dentistry, School of Nursing, School of Public Health, Stephen M. Ross School of Business, School of Information, and School of Social Work—are offering distance learning to non-residential students. The U-M Center for Academic Innovation provides support for the development of new online offerings, some of which are degree-granting while others lead to other credentials or support lifelong learning.

IV. Facility Assessment

Physical Properties

The university owns approximately 3,300 acres of property within the Ann Arbor area and approximately 21,000 acres overall (most within the State of Michigan). The approximate replacement value of the Ann Arbor area campus facilities is $10.9 billion[1]. A summary of the university's land holdings is included in this section. See Appendix B for a list of buildings including building type, gross square feet, and (where available) the deferred maintenance backlog for the building.

University of Michigan Land Holdings
(Expressed as Acreage)

	2020	2021	2022	2023	2024
Ann Arbor Area:					
Properties Supported by General Fund	1,711	1,711	1,711	1,711	1,720
Auxiliary Activities:					
Student Residences	32	32	32	32	36
University Hospitals Group	427	427	452	452	452
Other	1,018	1,018	1,018	1,018	1,069
Total Ann Arbor Area	**3,188**	**3,188**	**3,213**	**3,213**	**3,277**
Outside the Ann Arbor Area:					
Dearborn Campus	228	228	228	228	228
Flint Campus	51	51	50	50	50
Other Michigan Properties:					
Biological Station	10,329	10,329	10,329	10,329	10,369
Osborn Preserve	3,188	3,188	3,188	3,188	3,188
Willow Run	156	156	156	156	156
Other	3,649	3,649	3,649	3,649	3,651
Out-State Land	**17,601**	**17,601**	**17,600**	**17,600**	**17,641**
Camp Davis - Wyoming	120	120	120	120	120
Grand Total	**20,909**	**20,909**	**20,933**	**20,933**	**21,039**

Facility Condition Assessment

Buildings across the university are regularly evaluated to identify and prioritize infrastructure needs, which vary by building type, use, and occupants. For instance, U-M Health facilities have regulatory and accreditation requirements. Student Life manages priorities related to residence halls and student living accommodations.

[1] The replacement value does not include properties outside of Ann Arbor, such as Sparrow Health System, University of Michigan Health-West and the Biological Station.

Academic buildings, as a more detailed example, are managed under the Facility Condition Assessment (FCA) Program. The FCA Program evaluates buildings to identify infrastructure deficiencies and establish a priority for funding renovations and repairs. The objective of the program is to develop and maintain a 5-year model showing facility-related needs and track the status of each project through completion. The model considers the highest priority needs and spreads such needs over a 5-year period.

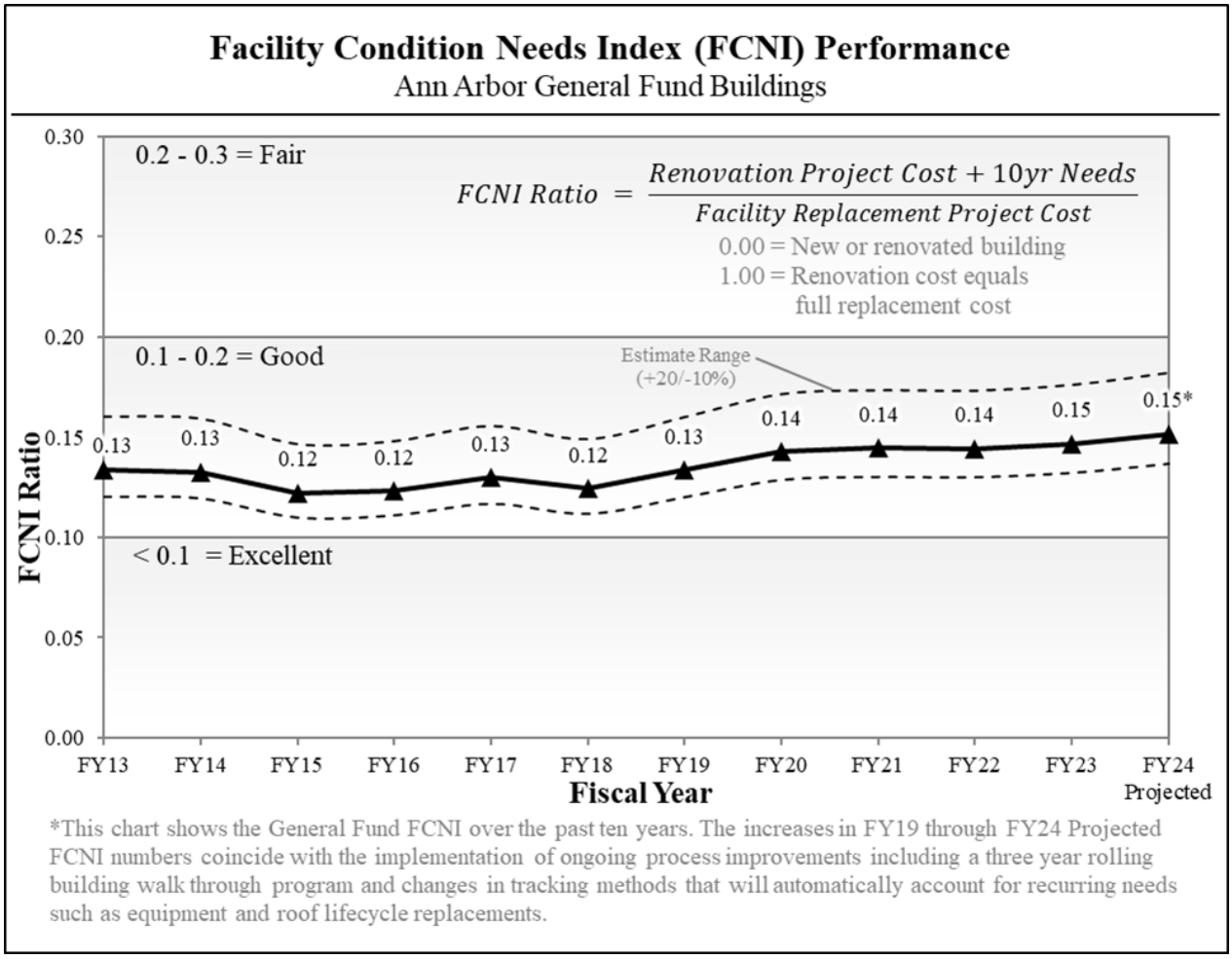
The FCA Program maintains a comprehensive database on the physical condition of the academic building portfolio. The database is regularly updated and stores facility condition data on most major building components and systems, including architectural, structural, civil, mechanical, electrical, life safety and fire protection, environmental health and occupational safety, and building accessibility.

FCA Priority Classification System
The following system was developed to help clarify priorities and support consistency in planning and decision-making:

Priority Level		Definitions
Necessary	**Priority #1** **Critical**	Needed work that requires near-term action to accomplish one or more of the following: (1) restore building occupancy due to natural disaster or catastrophic failure (2) address cited or known life-threatening safety hazard
	Priority #2 **High Priority**	Needed work that requires near-term action to accomplish one or more of the following: (1) avoid situation from becoming a priority #1 (2) prevent accelerated deterioration of building component or system (3) replace component that has worn out or is no longer in service (4) avoid loss of critical system that would significantly affect services, impact occupancy, or create a safety hazard (5) address existing non-life-threatening safety hazard (6) maintain, restore, or upgrade conditions to minimum acceptable university standards (7) reduce unacceptably high maintenance, energy and/or other operating costs (economically justified via payback) (8) meet program requirements
Deferrable	**Priority #3** **Necessary**	Needed work that is expected to become a priority #1 or #2 within the next 10 years.
	Priority #4 **Deferrable until Building Renewal**	Needed work that can probably wait more than 10 years. This work will be completed during a building renewal.

Facility Condition Needs Index

The facility condition needs index (FCNI) is the cost required to address all known deficiencies needed within the next ten years divided by the total replacement cost of that building. A lower ratio is more favorable. This indicator is useful in determining which buildings should be considered for major renovations or upgrades and used for trend analysis.



V. Implementation Plan

Major Projects by Campus

Campus Plan 2050 is a presidential initiative that guides near-term and long-term strategic development of campus. The planning process began in early 2023 and is strongly aligned with Vision 2034, which is a presidential strategic visioning initiative. The final Campus Plan 2050 was released at the end of September 2024 and is now available for campus and community use. Combined, these efforts provide robust guidance for physical and programmatic planning, as well as capital planning for the next 25 years. This valuable framework will inform future investment decisions driven by our mission and vision.

There are five Planning Themes which guide Campus Plan 2050, and the first four are inclusive of the areas of “Key Impact” from Vision 2034. Each of these aspirations drive reinvestment in existing facilities along with strategic investment in new space over the next five years:

1. *Life Changing Education*: Deliver enhanced and new state-of-the-art classrooms, labs, and other learning environments; renovate and expand research and innovation space; and increase welcoming and inclusive campus life space
2. *Human Health and Wellbeing*: Investing in improved facilities for clinical and patient care, health communities, athletics, fitness and recreation, childcare, new amenities, improved access to the natural environment, and more adapted spaces that support diversity, equity, inclusion, and accessibility (DEIA)
3. *Democracy, Civic and Global Engagement*: Emphasizing DEIA spatial networks, community engagement, hospitality and conferencing, multidisciplinary research, public forums, housing, campus life amenities and services, and the arts and humanities
4. *Climate Action, Sustainability and Environmental Justice*: Renovating buildings to consume less energy, replacing infrastructure to transition from fossil fuels to electricity, investing in geo-exchange systems, environmental justice, solar energy, sustainable landscapes and new food systems
5. *Collaboration and Connectivity*: Enhance convenient and rapid connectivity to optimize the residential, academic, and research environments through a proposed automated transit system (ATS), bus rapid transit (BRT), more bike and pedestrian infrastructure, and an improved gameday experience for athletic events

To support all of these programmatic needs and improve synergies between the Central, Medical and North Campuses, planning is continuing to advance for consideration of an Automated Transit System and Bus Rapid Transit. These types of improved transit services will enable U-M in Ann Arbor to function as a single campus, encouraging more mobility for students, faculty and staff. An Innovation District is another key feature of the plan for North Campus, so improving connectivity with the other campuses will allow the District to support research and innovation across all five campuses.

The university has also been focused on improving housing to support students over the last 20 years. After initially addressing important life safety needs, the university invested in major renovations and continues to plan new and replacement housing for its aging housing stock. A major current focus is the construction of a new 2,300-bed undergraduate student residence and dining facility on Central Campus. Planning is also currently underway for a second phase of undergraduate housing on Central Campus which may add another 2,200 beds and would potentially begin construction after phase one is completed.

Each campus has a unique set of facility requirements, associated land uses, operational requirements and degree of activity that require tailored approaches to facility planning as described in the following section. This section also lists major projects (over $5 million) in various stages of consideration, planning, design or construction. These projects support student life, modern learning and collaboration, patient care, sustainability, and the university’s commitment to nourish the arts and advance the public good. Over the next five years, a wide variety of infrastructure projects or programmatic changes will emerge that will initiate the development of projects not on the lists.

Central Campus and Medical Center Campus

The development of Central Campus remains consistent with university planning principles that promote renovating and repurposing existing facilities while maintaining the character of the historic core. Medical Center Campus planning continues to focus on renovations and redevelopment opportunities as well as addressing infrastructure, transportation and site improvements to support existing facilities. Michigan Medicine's ongoing strategic facilities master planning effort may impact planning for the future of the Medical Center Campus core area as well as the Wall Street district, the North Ingalls area, and East Medical Campus.

A significant number of projects, some highlighted below, respond to growth pressures by academic and research initiatives as well as patient care needs.

- Construction continues for the new adult clinical inpatient tower (D. Dan and Betty Kahn Health Care Pavilion) on the Medical Center Campus in response to high demand for patient rooms and surgical suites. The 690,000-square-foot project will be completed in 2025 and will accommodate an inpatient care program with single-occupancy patient rooms and surgical/interventional radiology suites. Specifically, the patient program emphasizes improved access to clinical neurosciences and cardiac care services. Relocation of existing clinical services from University Hospital will allow for future redesign and growth for patient programs remaining in that facility.
- Construction continues on a new teaching and research facility to address the College of Pharmacy's need to consolidate and modernize its space. The new building will house active learning-style classrooms, teaching and research wet laboratories, and associated support spaces.
- Construction progresses on a new recreational sports facility to replace the university's largest recreational sports center, the former Central Campus Recreation Building. The new 200,000-square-foot Hadley Family Recreation & Well-Being Center will enable greater access and opportunity for students, faculty and staff to improve their health and well-being. A 23,000-square-foot temporary recreation facility on Palmer Field was constructed to provide Central Campus with indoor recreation space during the construction of the new facility. This facility provides nearly 90 percent of the most popular workout space for students, including strength and cardio equipment and a small indoor track.
- Construction continues for a 60,000-square-foot renovation of the B and D Wings of the Medical Science Unit I Building to address deferred maintenance and convert obsolete wet lab research space into an efficient and collaborative dry and computational research space for the Medical School's Computational Medicine and Bioinformatics department.
- Construction work moves forward on a replacement building for the Ginsberg Center. The new facility will support the Ginsberg Center's mission to enhance community and civic engagement and will include a geo-exchange heating and cooling system to support the university's carbon neutrality goals.
- Construction advances to replace the electrical substation serving University Hospital, which is nearing the capacity limit to support facility upgrade projects. The new substation will provide greater reliability and efficiency.

Current and Planned Major Projects (>$5M) Central and Medical Center Campuses FY23-FY27			
PROJECT/BUILDING & STATUS	PROJECT TYPE	GROSS SQUARE FEET	ESTIMATED $ (MILLIONS)
U-M Health Clinical Inpatient Tower (D. Dan and Betty Kahn Health Care Pavilion) [in construction]	New Construction	690,000	$920
New Central Campus Residential Development Phase 1 [in construction]	New Construction	687,000	$631
Central Campus Recreation Building Replacement (Hadley Family Recreation & Well-Being Center) [in construction]	New Construction	200,000	$165
College of Pharmacy – New Building [in construction]	New Construction	142,000	$141
New Facility Palmer Field Geothermal Infrastructure Project [in design]	New Construction	N/A	$100
On-Campus Solar	New Construction	TBD	$71
U-M Health Zina Pitcher Parking Structure [in design]	New Construction	201,000	$35
Regents Plaza Geothermal Infrastructure and Site Improvements [on hold]	New Construction	TBD	$25
New Childcare Facility	New Construction	TBD	$12
Edward and Rosalie Ginsberg Building [in construction]	New Construction	11,000	$11
New Michigan Marching Band Practice Field [in construction]	New Construction	6.5 acres	$8
Campus Connector	New Construction	TBD	TBD
New Central Campus Residential Development Phase 2	New Construction	TBD	TBD
Cook Legal Research Library and Smith Underground Library Renovation	Renovation	TBD	$70
Business Admin Executive Dorm & Wyly Hall Renovation [in design]	Renovation	134,000	$60
U-M Health University Hospital Hospital Backfill 2.0, Phase One [in planning]	Renovation	N/A	$45

U-M Health University Hospital South Renovation [in construction]	Renovation	N/A	$18
U-M Health Mott Children's and Women's FY25 CW NICU Relocation & PCTU Expansion [in planning]	Renovation	14,120	$13
Observatory Hall Reserve Officers Training Corps Space Renovation [in construction]	Renovation	30,500	$13
U-M Health Mott Children's and Women's FY25 Mott Operating Room 18 Shelled Space Renovation [in planning]	Renovation	800	$7
U-M Health Multiple Buildings FY24 AES-PES Expansion [in design]	Renovation	N/A	$7
U-M Health Frankel Cardiovascular Center Level One Renovations [in construction]	Renovation	9,000	$6
U-M Health Mott Children's and Women's New Children's Emergency Services Fast Track Clinic [in construction]	Renovation	5,000	$5
School of Nursing Building 1 Classroom and Interior Renovation [in construction]	Renovation	10,000	$5
Francis Thomas Public Health Renovation and Expansion	Renovation / Addition	TBD	$150
Lorch Hall Renovation and Addition [in design]	Renovation/ Addition	73,000 Renovation / 86,000 Addition	$180
U-M Health Mott Children's and Women's Cath Lab 1 & 2 Replacement [in design]	Replacement	N/A	$23
Nichols Drive Slope Stabilization [in design]	Restoration	N/A	$9
Chemistry Laboratory Building [on hold]	TBD	TBD	TBD
University Health Services	TBD	TBD	TBD

North Campus

With the greatest capacity for future growth and development, North Campus continues to be a high priority planning focus. Efforts to strengthen and reinforce connections internally on North Campus, as well as between campuses, and strategies to further enliven and enrich student life remain a primary focus of ongoing planning activities. Currently, about 30 percent of students who live in U-M housing reside on North Campus.

Construction continues for the Leinweber Computer Science and Information Building. This project will address projected growth over the next 10-15 years. The space and enrollment growth challenges faced by the College of Engineering and the School of Information are similar, and both units will benefit from this project.

Construction progresses on the adjacent Hayward Street Geothermal Facility. It will supply heating and cooling to the Leinweber Building and make it the first large-scale university building to not rely on natural gas for heating. The Hayward Street Geothermal Facility will have the capability to integrate with district geothermal systems as recommended by the President's Commission on Carbon Neutrality.

Construction was completed on the Recreational Sports Fields Hubbard Road. The complex features two artificial turf fields with each field measuring 125 yards x 75 yards.

Current and Planned Major Projects (>$5M) North Campus FY23-FY27			
PROJECT/BUILDING & STATUS	PROJECT TYPE	GROSS SQUARE FEET	ESTIMATED $ (MILLIONS)
New Facility School of Music Theatre and Dance (SMTD)	New Construction	TBD	$100
Hayward Street Geothermal Facility [in construction]	New Construction	4,000	$20
Hotel and Conference Center	New Construction	TBD	TBD
New Facility Fleet Services Relocation	New Construction	TBD	TBD
Research Innovation Hub	New Construction	TBD	TBD
Lay Walter Automotive Engineering Laboratory EVC Education & Research	Renovation	TBD	$15
North Campus Research Complex Building 26 First Floor Labs and office Renovation [in design]	Renovation	11,000	$7
Leinweber Computer Science and Engineering and School of Information Building - FY20 Capital Outlay request [in construction]	Renovation/ Addition	163,000 Addition	$145
U-M Transportation Research Institution Addition for EVC Battery Lab [in planning]	Renovation/ Addition	30,000	$60

Stephen M. Ross Athletic Campus

The Ross Athletic Campus is primarily a venue for the Athletics Department, with numerous athletic fields and facilities. Recent facility improvements by the Athletics Department have resulted in a number of projects that improved student recreation and enriched the experience for student athletes. The obsolete Michigan Stadium scoreboards have been replaced with more reliable and more energy-efficient equipment. The campus planning initiative is exploring potential redevelopment of the historic core of the Ross Athletic Campus to better serve long-term needs.

Construction is nearly complete on the renovation and expansion of the men's and women's basketball team locker rooms at the Davidson William Player Development Center. The new space includes improvements to lockers, showers, and team support areas while also creating gender-inclusive locker facilities for both student-athletes and staff.

Current and Planned Major Projects (>$5M) Ross Athletic Campus FY23-FY27			
PROJECT/BUILDING & STATUS	PROJECT TYPE	GROSS SQUARE FEET	ESTIMATED $ (MILLIONS)
William Davidson Player Development Center Renovate and Expand Team Areas [in construction]	Renovation	11,500	$10
Ferry Field Improvements	TBD	TBD	TBD
Multiple Buildings Replace Crisler & Yost Scoreboards	TBD	TBD	TBD

East Medical Campus

East Medical Campus is primarily an outpatient clinical care complex that includes associated research and medical education activities. Projects for this location might include elements such as water supply, storm water management, transit and non-motorized transportation strategies, parking, and infrastructure.

Michigan Medicine Off-Campus

The volume of ambulatory care and specialty care visits continue to grow and the need for strategically located outpatient facilities is core to Michigan Medicine's plan to improve access to patient care. In early 2023, U-M Health acquired Sparrow Health, creating a larger, 200-site clinical-care network. U-M Health has committed to invest $800 million in Sparrow. This expands on Michigan Medicine's overall strategy to deliver enhanced and comprehensive services in the communities where patients are located. Previous off-campus facilities include the Northville Health Center, West Ann Arbor Health Center, and Brighton Health Center South.

Michigan Medicine continues to evaluate potential affiliations and initiatives to expand access, quality, and level of care to patients. The recently completed Specialty Pharmacy project is one such initiative. Expansion of the Specialty Pharmacy will double the number of prescriptions filled in-house per year to provide high-quality, convenient care for patients.

Detroit Academic Off-Campus

The university continues to identify ways to support and strengthen engagement efforts and partnerships within the City of Detroit. Currently under construction and expected to be completed in 2027 is the University of Michigan Center for Innovation (UMCI). The UMCI will be a world-class research, education and entrepreneurship center designed to advance innovation and talent-focused community development to propel city, region and statewide job creation and inclusive economic growth by stimulating economic development in Detroit. The UMCI will offer community-facing programs, master's degrees, innovative workforce development programs, research centers, and an entrepreneurial hub. The university continues to assess the Rackham Detroit building for potential future use.

U-M is part of a consortium that is creating a new, innovative educational partnership and neighborhood revitalization efforts on the campus of the former Marygrove College in northwest Detroit. When fully realized, Marygrove will be a “Cradle-to-Career” campus with educational opportunities from prenatal to Pre-K, K-12 to post-secondary graduate, as well as community services and engagement programs. As part of this vision, the Marsal Family School of Education launched in 2024 a new bachelor’s degree, housed both at Marygrove and the U-M Ann Arbor Campus. LEAPS (Learning, Equity, and Problem Solving for the Public Good) is an innovative bachelor's degree program aimed at developing leaders for a variety of career paths such as education, policy, STEM, health sciences, and business. Students live and learn as a cohort on the Marygrove campus in Detroit during their first year, focusing on collaboration, communication, and leadership skills. The program combines coursework on social justice, race, and community development with hands-on experiences through internships and community projects. LEAPS graduates are equipped to forge partnerships and drive social change effectively.

Current and Planned Major Projects (>$5M) Ross Athletic Campus FY23-FY27			
PROJECT/BUILDING & STATUS	PROJECT TYPE	GROSS SQUARE FEET	ESTIMATED $ (MILLIONS)
U-M Center for Innovation [in construction]	New Construction	200,000	$250
Oakland County Ambulatory Surgery Center [in design]	New Construction	TBD	TBD
U-M Center for Innovation Parking Garage	New Construction	TBD	TBD
Camp Davis Mess Hall [in design]	Renovation	6,500	$9
Pellston Biostation Cabin Replacement [on hold]	Renovation	TBD	TBD

Facility Updates and Adaptation

Each year a significant number of infrastructure projects are prioritized through the Facility Condition Assessment Program as described in Section IV. A planning priority is to adapt existing facilities to meet current and future program needs by updating building infrastructure and re-programming/reconfiguring existing buildings. Over the next five years, the university will implement various projects in this category.

Status of State Building Authority Projects (Ann Arbor)

Completed Projects	**Lease Start Date**	**Lease Termination Date**
School of Dentistry Renovation and Addition	August 1, 2022	August 1, 2057
G.G. Brown Memorial Laboratories Renovation	September 1, 2017	September 1, 2052
Student Activities Building Renovation	December 1, 2009	December 1, 2044
Michigan Memorial Phoenix Laboratory Renovation	December 1, 2009	December 1, 2044
Observatory Lodge Renovation	November 1, 2008	November 1, 2043
Literature, Science and the Arts Building Renovation	August 1, 2007	August 1, 2042
West Hall Renovation	January 1, 2005	January 1, 2040
Mason Haven and Haven Hall Renovations and Addition	November 1, 2005	November 1, 2040
S.T. Dana Building Renovation	November 1, 2003	November 1, 2038
Perry Building Renovation	November 1, 2003	November 1, 2038

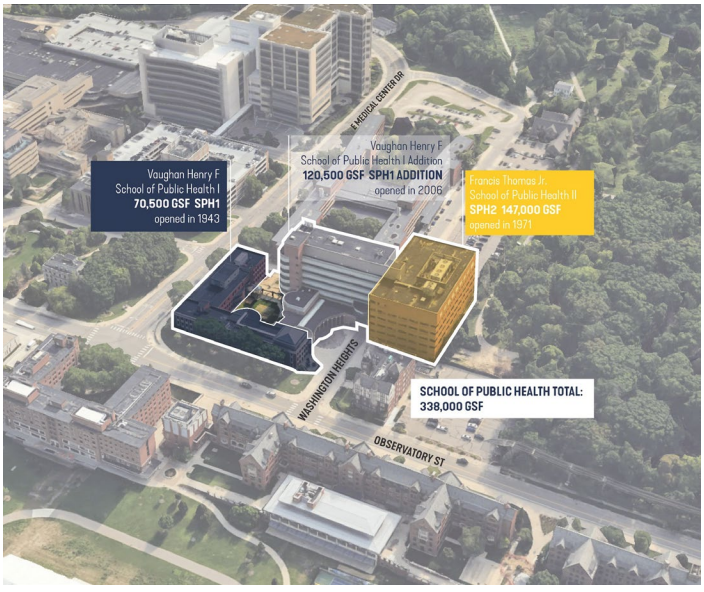
VI. Capital Outlay Project Request FY26

Institution Name:	University of Michigan – Ann Arbor
Project Title:	School of Public Health Renewal
Project Focus:	Academic, research
Type of Project:	Renovation
Project Focus of Occupants:	Public health research, education, and outreach programs, including biostatistics, environmental health sciences, epidemiology, health behavior and health equity, health management and policy, and nutritional sciences
Approximate Square Footage:	126,000 gross square feet
Total Estimated Cost:	$150 million
Estimated Start/ Completion Dates:	Preliminary programming underway. Construction completion TBD.

Is the Five-Year-Plan posted on the institution's public internet site?	Yes
Is the requested project the top priority in the Five-Year Capital Outlay Plan?	Yes
Is the requested project focused on a single, stand-alone facility?	Yes

EXECUTIVE SUMMARY

PROJECT PURPOSE



Located at the northeast corner of the University's Central campus adjacent to the medical campus, the School of Public Health (SPH) currently occupies a two-building interconnected complex totaling 338,000 GSF. The first School of Public Health building (SPH I) opened in 1943, followed by a second building (SPH II) in 1971. In 2006, the 1943 building was expanded with a new research and administrative tower and bridge that connects SPH I and SPH II at nearly every level. There have been no significant architectural or infrastructure renovations or upgrades since then. During the 2006 expansion, SPH occupants (students, faculty, and staff) totaled just over 1,300

people. Today's figures include well over 2,000, with short-term (five-year) growth estimates to exceed 2,500 regular occupants of the school's facilities. The classrooms, laboratories, and dilapidated architecture of the School of Public Health buildings are insufficient to support the school’s academic mission and current research enterprise. A major renovation extends the life of these buildings and facilities by addressing end-of-life systems and transforming educational and research spaces. The investment in basic infrastructure renewal will extend the SPH II building's life by another 50+ years. SPH is committed to sustainability and decreasing waste by reusing as much furniture and equipment as feasible in the renovated spaces.

Over the past ten years, SPH student enrollment has increased by more than 35%. SPH first accepted undergraduate students in 2017, and interest continues to grow with increases in applications and enrollment. The U-M SPH buildings were not designed to meet the unique needs of our modern curriculum, specifically, the large classrooms required to teach students. Students now learn through hands-on, experiential learning that requires adaptive spaces, like large, interactive, flexible classrooms, to support team-based learning and problem-solving. Graduate students require active learning spaces with improved technical resources and equipment to train and prepare for the workforce. The current design of most classrooms is too small, cramped, and inflexible for interactive experiences and modern technology. Without space to accommodate enrollment growth, SPH is limited in the number of students who can achieve a public health education, particularly for undergraduates. This creates significant problems for increased equity and access for historically underrepresented and underserved populations. Increased and improved space allows us to educate more students, support their success, and better serve our local communities and the State of Michigan.

SPH has a history of extraordinary achievement through vaccine development, groundwater studies, landmark population-level health studies, congressional testimony on research and policy, community-based participatory studies, and the development of revolutionary tools and techniques to understand genetic variants associated with some of the most devastating diseases and disorders of our time (i.e., diabetes, heart disease, bipolar disorder). Many of these achievements occurred when the facilities were new and had state-of-the-art technology. Faculty and students will remain significantly limited in pursuing research breakthroughs without dramatically improved laboratory space and access to new technology and equipment. The current research enterprise exceeds $100 million in annual expenditures - the largest amount per faculty member at UM, and it continues to grow by 5-7% annually. This renovation project will allow for strategic replanning of existing space to improve functionality and operational efficiency, allowing the school to expand its academic programs and research activities.

Over the next decade, SPH must ensure that our facilities match our status as a premier school of public health. We envision a modern space that accommodates growth across all spheres of enrollment, research, and people, as well as the expansion of our interdisciplinary work. The building must exemplify how physical space can promote inclusion, diversity, and equity. Accessibility and efficiency will be top priorities for a new space. A new building should serve as an example for promoting and prioritizing occupants' mental and physical health. We would seek a LEED-certified space that provides a more sustainable building that symbolizes education, scientific advancement, accessibility, and community well-being.

SCOPE OF THE PROJECT

The vision for improved SPH facilities focuses on significantly upgrading instructional rooms, expanding research space, and developing new student study areas, collaboration spaces, and other support facilities. This would be accomplished by renovating existing facilities in the tower section of SPH I and the SPH II building.

In its 2023 Capital Outlay request, the University envisioned a 172,000 GSF renovation of one building. However, a recent capital project study during the summer of 2024 identified more targeted opportunities for significant improvements through a major renovation of 126,000 GSF across the entire SPH complex. The need for flexible, modular, open, collaborative spaces in our research and teaching facilities is best met by moving the educational and research facilities from SPH II to the tower complex in SPH I.

A renovated facility will support the creation of spaces that support equity, inclusion, and diversity. Many of our spaces do not meet current accessibility standards, which creates issues with equity and causes stress to individuals in the school. Increasing gender-neutral restrooms is important to support transgender and gender non-conforming community members. Quiet spaces for study and relaxation are important for students' well-being. Increased student and group gathering spaces will increase innovation, belonging, and creative engagement opportunities. Finally, a new building allows the School of Public Health to create a more sustainable space that ties closely to public health work around environmental impacts.

Academic Space:

- Existing classroom inventory within the SPH complex is insufficient, misaligned with the School's instructional mission, and distributed across several floors and buildings. This project proposes consolidating the majority of classroom inventory within the lower floors of the SPH I addition to align the classroom program with demand.
- Team-based learning (TBL), which is integral to the School's newly revamped SPH Core Curriculum, cannot currently be supported within the complex at scale. The project proposes a new 120-seat TBL classroom in SPH I addition L2.
- Utilization data supports the need for additional 50-80-seat classrooms. This project proposes four classrooms within the SPH I addition L2 and L3.
- Class labs are relocated to the SPH I addition to align with increased class size and meet the needs of a modern instructional lab.
- The existing SPH2 entry will be enhanced to make it more functional, inviting, and environmentally sustainable, including minor site renovations.
- The highly utilized auditorium on SPH2 L1 will be renovated to make the space more accessible, with updated finishes and technology to extend its useful life.
- Classrooms are well-suited to the SPH I addition due to its generous column grid and location within the complex. Some classrooms elsewhere within the complex are underutilized due to the challenging proportions created by building constraints. Strategic relocation of classrooms to this location is critical to creating successful environments for teaching and learning. Underutilized classrooms are eliminated or reconfigured at SPH II G, L1, and L4, creating space for more easily accommodated program elements.

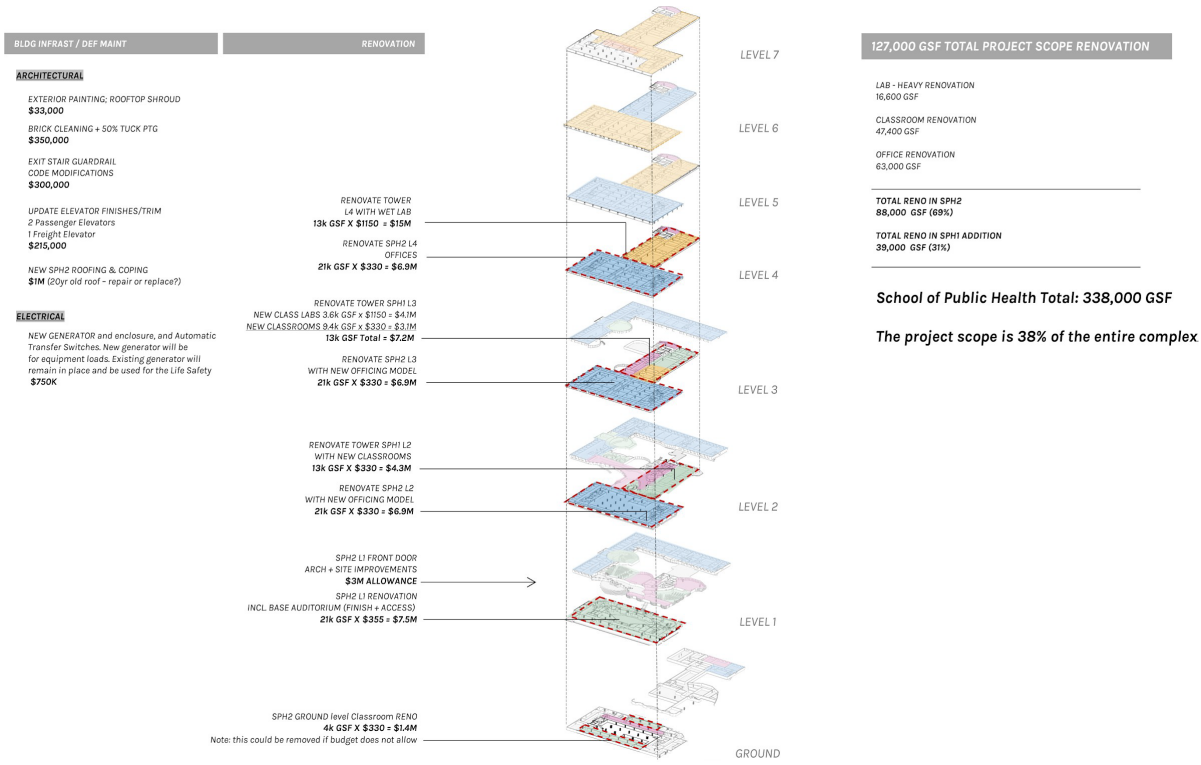
Research Space:

- Additional wet lab space (experimental laboratories using chemicals and other "wet" hazards) is needed to support current research efforts at SPH, which is confirmed and supported by benchmark data.
- This project would provide an additional 10,000 nsf of wet lab and support space, with a 50% increase over the existing program. New lab space would be more shared, collaborative, and flexibly allocated.
- Existing labs in SPH II face many challenges. Research spaces are highly compartmentalized, and concrete block partitions do not permit renovation without significant cost and disruption. This project would enable complete consolidation of labs

within the SPH I addition, freeing space in SPH II for more easily accommodated and in-demand office space.
- Existing HVAC systems would be supplemented with a new mechanical unit, system distribution, and local equipment to serve the increased lab space. Existing plumbing would be modified to convert existing office or classroom space to labs.
- Dry labs (computing) and offices displaced by the classroom and lab program implemented in the SPH I addition will be relocated to SPH II to better align with the constraints imposed by the existing building structure. New dry lab space will be more open and flexible, with more options for solo or group work, allowing the classroom and research growth described above to happen within the existing building footprints. The new dry lab spaces will have increased access to daylight and better opportunities for collaboration.
- Additional classroom space on the SPH II L1 will be renovated to more usable proportions, with improved technology to make them more usable and increase utilization.
- Existing HVAC systems would be supplemented with a new system distribution and local equipment to serve the renovated spaces.

Mechanical, Electrical, and Plumbing (MEP):

- Aging infrastructure, including electrical and HVAC systems in all renovated spaces, will be replaced, improving efficiency, safety, and reliability and reducing operational costs.
    - HVAC upgrades include updating existing controls to a Direct Digital Controls (DDC) infrastructure to support new equipment controls in renovated areas.
    - Provide Infrastructure for an emergency responder radio communication (ERRC) system for SPH II, which current codes require for high-rise buildings.
    - Provide a two-way communication system for SPH II.
- An outdoor / on-grade backup generator will be provided in a weatherproof enclosure near the SPH II loading dock. The new generator will be used for optional standby loads and user equipment. Life Safety will use the existing SPH II generator.
- Deferred maintenance of new cooling towers and chillers for the SPH chilled water plant will be addressed.
- The existing SPH II substation will be replaced with new double-ended unit substations suitable for indoor installation fed from the U-M campus loop.
- Accessibility and life safety/code deficiencies will be addressed throughout the renovation area, including updates to emergency lighting and signage and limited improvements to stairwells.



PROGRAM FOCUS OF OCCUPANTS

The occupants who will benefit from the School of Public Health renewal project pursue research, education, and outreach in biostatistics, environmental health sciences, epidemiology, health behavior and equity, health management and policy, and nutritional sciences. With enhanced instructional space, expanded research space, improved outreach opportunities, and the development of suitable student study areas and collaboration spaces, School of Public Health students, faculty, and staff will grow and be better equipped to improve health and well-being in Michigan and beyond.

ADDITIONAL INFORMATION

1. **How does the project support Michigan's talent enhancement, job creation and economic growth initiatives on a local, regional and/or statewide basis?**

   The World Health Organization estimates that by 2030, there will be a shortage of 10 million health workers worldwide. International migration, the increased ease of disease transmission, and the consequences of changing climates on health will only add to the growing need for healthcare workers and public health professionals ready to prevent and quickly respond to disasters and crises as they unfold.

   As one of the nation's leading schools of public health, UMSPH is well-positioned to address this shortage and contribute to Michigan's economic growth by recruiting and training more future public health and healthcare leaders and professionals. The proposed building enhancements would allow the school to both recruit more students in a highly competitive environment and increase our capacity to expand current programs, including our undergraduate degree program, ultimately increasing the number of alumni who will go on to work and create jobs in Michigan.

More than 5,500 UMSPH alumni currently work in Michigan, significantly contributing to Michigan's health infrastructure through employment in a range of industries, including healthcare systems and insurance, local and state public health departments, community services, and more.

SPH alumni hold key leadership roles within all of Michigan's major healthcare systems. They oversee clinical operations, guide organizational strategy, and implement public health initiatives that improve community health outcomes. Our alumni are also key contributors to Michigan's public health systems and are represented in nearly every county in the state. Many alumni also dedicate their careers to roles that directly serve the public good, often in the non-government and nonprofit sectors. Our alumni's commitment to the public good is evident through their diverse positions in organizations across Michigan, where they lead efforts in community health, equity, and social impact.

The facility will allow the school to offer new academic programs, attracting more students and faculty. This, in turn, creates jobs for professors, administrative staff, and support personnel. Additional space also allows the School to continue growth, especially in the undergraduate program. This will result in more public health graduates meeting the growing workforce demand. Our post-graduate surveys show that nearly 50% of recent graduates are employed in Michigan. Growth in educational programs results in more students earning a college education that sets them on a pathway to qualify for jobs that provide financial stability and important benefits like health insurance.

2. How does the project enhance the core academic, development of critical skill degrees, and/or research mission of the institution?

A renovation of existing space to develop state-of-the-art facilities is desperately needed to deliver on the University of Michigan School of Public Health's core academic offerings, skill development programs, and research mission by providing modern facilities, fostering collaboration, and promoting innovation and sustainability.

Modern Learning Environment

The current School of Public Health complex is inadequate to accommodate the growing number of students, faculty, staff, research, and programmatic needs of the School's six academic departments, undergraduate program, and online Master of Public Health (MPH). The demand for public health education has steadily increased at U-M and nationwide. The current SPH complex lacks sufficient classroom space, research labs, and administrative offices to support this growth. Modernizing the outdated portions of the complex and potentially expanding it would increase capacity, enabling the school to enroll more students and provide an updated learning environment.

A top priority is to increase undergraduate enrollment, yet the School severely lacks large classroom spaces to teach undergraduates. Expected growth in this program will exacerbate the issue and further limit course availability. This, in turn, will hinder SPH's ability to address the shortfall in healthcare workers statewide and globally.

After a multi-year effort, SPH launched a redesigned core curriculum for the Master of Public Health (MPH) program to prepare students to engage with the world's most significant public health problems. The area of campus where SPH is located lacks the large classrooms needed to support the SPH curriculum, especially well-equipped, active, and team-based learning classrooms to meet the needs of its redesigned core. Universal design principles are fundamental to improving accessibility and resolving physical barriers in existing buildings.

Group study space for students is severely lacking in the school. There are only two spaces that are dedicated study areas for groups. Much of the School's curriculum requires teamwork, and it is challenging for students to find space to complete their assignments together. Increasing group study areas and private, quiet spaces are essential to student well-being and success. The proposed project will support the creation of spaces that support equity, inclusivity, and diversity. Additionally, many of the School's spaces do not meet current accessibility standards, which creates issues with equity and causes difficulty for individuals in the school.

Updated Research Facilities

The School is already beyond capacity for its critical research needs. Both generators that provide backup power to research facilities are insufficient for the current demand. The school needs higher-capacity generators for additional research facilities to support emergency power. Freezer storage, which is necessary to meet the terms of research projects and preserve the integrity of biological samples and specimens, is at capacity. The school's animal care facilities are small and have limited storage space.

Renovated and replanned spaces are required for interdisciplinary collaboration among various departments and schools, fostering a culture of innovation and problem-solving. Many research lab spaces are small, confined 100-square-foot rooms for use by a single researcher, creating significant space inefficiencies. The labs are not equipped for modern lab science and are not flexible or easily modifiable.

In 2021, the school launched Public Health IDEAS (Interdisciplinary Discovery, Engagement + Actions for Society) with a $1 million investment to increase collaboration and advance research and engagement in critical areas to achieve meaningful, lasting impact. Interdisciplinary research is the foundation of this initiative, and the school lacks the space for this type of collaboration. Public Health IDEAS has five priorities with significant statewide impact potential: creating and building health equity, firearm injury prevention, creating healthy and equitable cities, combating infectious diseases, and climate health. The School is severely hindered by a lack of laboratory, collaborative, and meeting spaces for the faculty conducting this research.

3. Describe how the project will address, incorporate, or enhance any equity efforts, policies, or goals for the academic programs within the scope of the project or as a component of your institution and campus at large?

Equity is at the core of the School of Public Health's mission and is integral to all its work, including this project. One primary motivator for the project is to create space to accommodate enrollment growth, particularly given the increasing demand for undergraduate public health education. Expanding our enrollment will allow the school to increase equitable access for student populations historically underrepresented in public health, including students of color, students from lower socioeconomic backgrounds, and students from rural communities. By supporting the school to serve more students, this project will result in more graduates from diverse backgrounds who can better serve local communities throughout the state and beyond.

This project will also address significant issues with accessibility in our current facilities. Many spaces do not meet current accessibility standards, creating equity issues and potentially limiting access for some students, including those with disabilities. Importantly, this project will ensure accessible seating in all classrooms, increase gender-neutral restrooms to create a more welcoming environment for transgender and gender

non-conforming community members, add quiet study spaces to support student well-being, and provide more gathering space to foster community, belonging, and inclusion.

Health equity, the belief that health is a fundamental human right where everyone has a fair and just opportunity to attain their highest level of health, is a core principle of public health. Michigan Public Health's research, teaching, and service enterprises are committed to advancing health, reducing preventable illness, and promoting health and quality of life across diverse populations. Due to the antiquated and poorly designed facilities, it is increasingly difficult to conduct cutting-edge research and deliver a modern curriculum. This project will ensure that SPH can continue pursuing research and teaching to improve health equity.

Systematic racism contributes to countless health conditions and health disparities. Increased research and education on the ongoing harms that marginalized groups encounter is critical. Rural residents often die younger and face worse health than those in urban areas. The work of Michigan Public Health seeks to understand and bring attention to the issues plaguing these communities, including access to affordable healthcare and medical facilities and tackling chronic disease head-on. Academic institutions must work to unravel the myriad forces that generate and spread disease. SPH must educate a diverse cohort of students to graduate public health professionals equipped to work with a broad range of populations and communities. A renovated building is required to improve accessibility and expand these critical research and teaching spaces to advance health equity efforts across the State of Michigan.

4. **Is the request's project focused on a single, stand-alone facility? If no, please explain.**

   This proposed project would renovate portions of two interconnected buildings; the two buildings represent the "SPH Complex," which is a standalone facility.

5. **How does the project support investment in or adaptive re-purposing of existing facilities and infrastructure?**

   With no significant architectural or infrastructure renovations or upgrades since 2006, the school has supported enrollment and research growth entirely with modest renovations and departmental reorganization. Growth in place has now become impossible without significant renovation due to the challenges presented by the facilities, such as end-of-life building infrastructure compartmentalized, inflexible concrete block partitions, particularly for SPH II, and a deep floor plate with limited daylight penetration.

   This project's re-purposing of our existing facilities will optimize resources, increase efficiency, and better align the School's facilities with its programmatic needs. The renewed infrastructure of the SPH II portion of the facility will improve energy efficiency, reducing the overall utility costs, and those savings, in turn, can be reinvested into updating and repurposing older facilities for the University.

   The renovated building will have advanced technology infrastructure. Integrating new technologies into buildings can free up space and resources in older facilities, making them more adaptable for different uses. The renovated building can offer shared resources like state-of-the-art classrooms, meeting spaces, or labs, reducing the need for duplicative infrastructure in existing facilities.

6. **Does the project address or mitigate any current health/safety deficiencies relative to existing facilities? If yes, please explain.**

The project will address health and safety deficiencies by resolving accessibility and life safety/code deficiencies throughout the renovation area, including updates to emergency lighting and signage and limited improvements to stairwells. Integrating modern design principles and technologies that prioritize the well-being of occupants and reduce health risks can enhance the educational experience while promoting a healthier environment for learning and working.

SPH II primarily utilizes pneumatic controls, which lack remote monitoring and control capability. Upgrading to digital controls in the vivarium and wet labs will allow remote monitoring to identify problems with HVAC systems, which is critical to the safety of the building occupants. Pneumatic controls rely on air pressure and mechanical components, which has led to imprecise control of temperature and airflow. This lack of precision has led to temperature fluctuations and less efficient HVAC operation. Installing modern HVAC systems will improve air quality, ensuring proper ventilation and filtration to mitigate the spread of airborne contaminants and pathogens, which is critical in a lab environment.

Implementing secure, centralized access control systems can help regulate entry and exit points, particularly in its lab environment, enabling contactless access while enhancing security. Most secure building areas currently have battery-powered electronic keypads and card swipe locks. These locks are vulnerable to hacking, have the potential to malfunction, and rely on batteries for power, which can lead to lockouts if they fail. For keypad locks, codes can be disclosed unintentionally or viewed when entering a space, making it less secure. Programming is a manual process, and each request for card swipe access requires a staff member to program access with a handheld computer at the door.

Renovating with materials that are easy to clean and maintain will contribute to a healthier environment. The project will ensure that the SPH II side of the complex is equipped with the latest safety systems, such as fire suppression and emergency evacuation plans, which are essential. The entire SPH II portion of the complex has asbestos floor tile, which is easily damaged due to its age. Crumbling floor tiles can release asbestos fibers, which can be hazardous to building occupants. Any damaged areas or flooring upgrades require a certified asbestos abatement contractor for removal, which is very costly and often requires temporary evacuation and sealing off areas of the building, disrupting occupancy and daily activities. Finally, designing the project with sustainability as a primary consideration will also have health benefits, as green building practices often lead to improved indoor air quality and reduced environmental impacts.

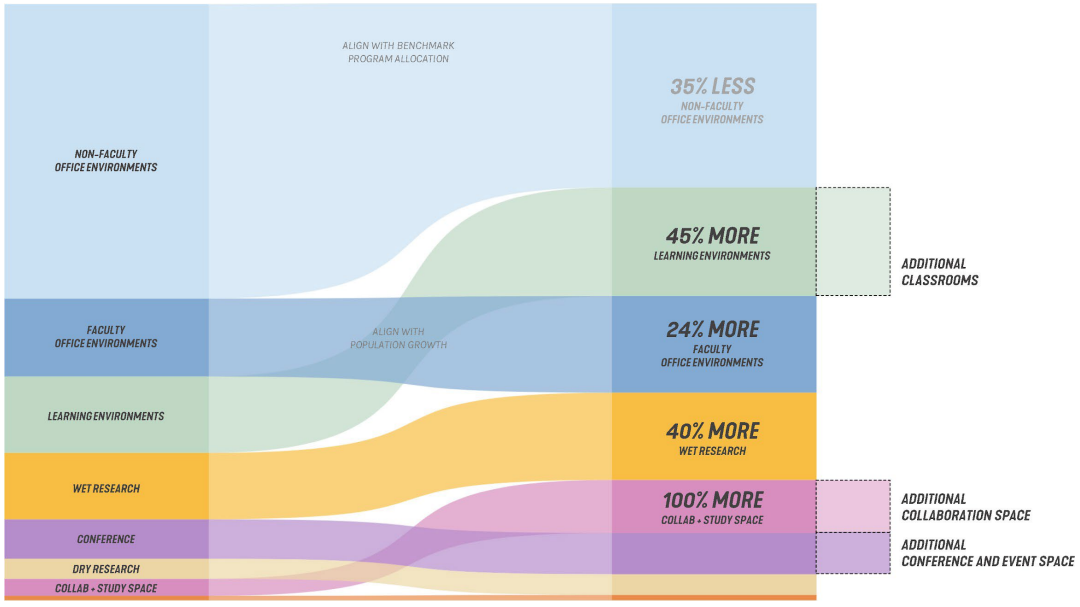
7. **How does the institution measure utilization of its existing facilities, and how does it compare relative to established benchmarks for educational facilities? How does the project help to improve the utilization of existing space and infrastructure, or conversely how does current utilization support the need for additional space and infrastructure?**

Due to the variation and age of buildings, the University considers utilizing existing facilities primarily on a case-by-case, project-by-project basis via institutional metrics to compare space use across academic units. Measures of activity are calculated using indirect costs recovered from external research (ICR) per net area square foot (NASF) of research space, student credit hours taught (SCH) per NASF of classroom space, and overall square footage per full-time employee (FTE).

The school demonstrates a significant and highly efficient utilization of space for its research programs, reflecting a robust and active research environment. However, despite the overall demand for educational spaces, classroom utilization rates are notably lower. This discrepancy can be attributed to the suboptimal configuration and size of many classrooms,

which often do not align with current pedagogical needs or class sizes. As a result, these spaces remain underutilized, highlighting a potential area for improvement in the school's space management and allocation strategies.

As the project focuses exclusively on accommodating the School's growth to date and meeting changing demands for education and research within our existing facilities, significant reprogramming is required. This is accomplished by better aligning our space use with established benchmarks. For example, current modeling includes a 45% increase in square footage for our learning environments, a 40% increase for wet lab-based research, and 100% more collaboration and study space. This is the result of aligning our spaces with standard benchmarks and better space configurations to eliminate underutilized, antiquated space configurations.



Current U-M guidelines for class and classroom scheduling also ensure that SPH classrooms and all campus classrooms are effectively used. SPH has goals for target schedule distribution to ensure classes are scheduled evenly throughout the day and week and, therefore, alleviate artificial pressure on classroom spaces just during peak times. The school also monitors seat utilization to ensure the best fit of enrollments to rooms. Additionally, there is a central scheduling model to support broad classroom-sharing scheduling to ensure the highest and best use of rooms across campus. The classroom deficiencies noted for the School of Public Health are not a result of ineffective scheduling or poor utilization. They simply do not meet the needs of the current population, modern teaching, and team-based learning.

Of significant importance are our accessibility issues, which create difficulty for students, faculty, and staff. Although this building is technically grandfathered under Michigan Law and must merely comply with accessibility requirements enforced at the time of construction, several features do not meet Michigan’s current accessibility standards, which is particularly troubling for a school of public health, which must be welcoming and accessible to all community members. Most of the classrooms lack adequate and appropriate accessible seating.

8. **How does the institution intend to integrate sustainable design principles to enhance the efficiency and operations of the facility?**

   Incorporating energy conservation measures and renewable energy sources in building design is one of the most effective ways to reduce the carbon footprint of U-M buildings, and the university has required energy stretch goals since 2008. The university's current goal of exceeding the American Association of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) 90.1-2013 energy code requirements is 15% for renovation projects with a construction budget of $10 million or greater. U-M requires numerous mandatory energy conservation measures, comprehensive evaluation of additional energy efficiency measures, comprehensive modeling of energy usage for proposed projects, and development of energy impact statements at each design phase.

   Beyond our internal requirements, SPH also recognizes the importance of external sustainability evaluations & measures. To that end, a conservative assessment of the potential project Leadership in Energy and Environmental Design (LEED) performance using LEED v4 for BD+C: New Construction and Major Renovation demonstrates that the proposed project could obtain a Silver LEED rating.

9. **Are match resources currently available for the project? If yes, what is the source of the match resources? If no, identify the intended source and the estimated timeline for securing said resources.**

   The university has preliminarily identified matching funds from an internal central funding source established in fiscal year 2011 to address the growing need for major renovations in aging General Fund buildings. Additional funding will be provided by fundraising and SPH reserves to support this project.

   As part of the Campus Plan 2050, projects are also being evaluated and prioritized more holistically in terms of their priority and mission alignment and their needs for resources to support them. When the findings and recommendations of the Campus Plan 2050 are released in the next year, there will be a better understanding of additional funding sources that could contribute to this specific project.

10. **If authorized for construction, the state typically provides a maximum of 75% of the total cost for university projects and 50% of the total cost for community college projects. Does the institution intend to commit additional resources that would reduce the state share from the amounts indicated? If so, by what amount?**

    Although the current state authorization anticipates a maximum state contribution of 75% toward the total cost of a project, SPH is very open to funding more than 25%, as the University did with our most recent Computer Science and Engineering and School of Information expansion – per Public Act 257 of 2020 enabling construction authorization.

11. **Will the completed project increase operating costs to the institution? If yes, please provide an estimated cost (annually, and over a five-year period) and indicate whether the institution has identified available funds to support the additional cost.**

    The renovation of the SPH complex is not expected to increase its annual operating costs, but it is anticipated to generate savings by upgrading outdated mechanical systems to be more efficient. The U-M budget model requires units to manage their own incomes, sources, and uses. Several layers of accountability and oversight ensure that any operational increases are offset in ways that do not impact tuition.

12. What impact, if any, will the project have on tuition costs?

The project will have no impact on future tuition costs.

13. If this project is not authorized, what are the impacts to the institution and its students?

With no major architectural or infrastructure renovations or upgrades to the SPH facilities since 2006, the school has supported enrollment and research growth entirely with modest renovations and departmental reorganization. Growth is impossible without significant renovation due to the challenges presented by the facilities, such as end-of-life building infrastructure and compartmentalized, inflexible concrete block partitions, particularly for SPH II, and a deep floor plate with limited daylight penetration. Without this project, SPH's ability to meet the increased demand for a Michigan Public Health education will be impossible. Enrollment will be capped, and our facilities' limitations will halt the modernization of academic programs. The School of Public Health will sorely fall behind rather than increase our competitiveness with our peers.

A key goal for the school is to enhance the school's and the University's academic mission by building space that supports faculty excellence and student success through world-class teaching and learning environments. SPH facilities must accommodate larger, more accessible, and flexible classrooms for modern instructional practices, including collaborative technology. Space for student services, including study space, group work, and student meeting and gathering space to support this part of campus and the SPH community, is a significant need and will be addressed by this project. The school urgently needs instructional space for its revised MPH core, which requires flexible classrooms for team-based learning and is a critical component of the project. The project would address significant and urgent accessibility issues.

Michigan Public Health is regarded as a premier program nationally, with fierce competition among peers such as Johns Hopkins University, Harvard University, University of North Carolina – Chapel Hill, Emory University, Columbia University, and University of Washington. It's worth noting that each of these peers has had new facilities in the last five years. As a component of an overall physical plan for SPH, this project would be instrumental in improving U-M SPH's competitiveness in recruiting and retaining exceptional faculty and the world's best students.

14. What alternatives to this project were considered? Why is the requested project preferable to those alternatives?

The architectural and engineering study determined the only way to accommodate the need for improved teaching and research spaces, which require high floor-to-ceiling height and sightlines unobstructed by support beams, would be to consolidate those activities into the SPH I tower addition.

Other configurations are possible, but the result would not be sufficient to meet the school's objectives. Not enough classrooms would fit under such a configuration, and the research labs would not see improvement. The lack of space and access to modern facilities and technology already impacts the educational mission and research enterprise. Piecemeal, single-floor renovations to the older 1971 complex have been explored but are impossible due to the end-of-life mechanical systems, column-intense layouts, and cinder block construction of all rooms. Addressing this facility requires a one-time investment in SPH II. Poised for enrollment and public health research growth, the School of Public Health and U-M need to take a comprehensive and long-term approach to addressing the complex SPH's needs for decades to come.

Appendix A: Staffing and Enrollment Data

University of Michigan-Ann Arbor

Fall Term Headcount Enrollment by Level

	2020	2021	2022	2023	2024
Undergraduate	31,329	32,282	32,695	33,730	34,454
Graduate	13,902	15,268	15,798	15,606	15,688
Professional	2,676	2,728	2,732	2,729	2,713
Total	47,907	50,278	51,225	52,065	52,855

Source: Dashboard 04. Student Enrollment | Enrollment Trends

Fiscal Year Equated Students

	2019-20	2020-21	2021-22	2022-23	2023-24
Undergraduate	31,177	31,422	31,710	32,428	33,523
Graduate	14,931	14,999	16,258	16,144	16,195
Professional	3,147	3,169	3,305	3,291	3,286
Total	49,256	49,590	51,272	51,863	53,005

Source: Dashboard 05. Student Credit Hours | Student Credit Hours and FYES Crosstabs

FTE Faculty and Staff Counts

	2019-20	2020-21	2021-22	2022-23	2023-24
Instructional Faculty	5,620.9	5,673.9	5,682.7	5,829.0	6,071.6
Primary Faculty*	939.7	891.4	910.4	925.3	923.8
Supplemental*	4,482.3	4,388.2	4,425.3	4,466.6	4,665.5
Staff	34,363.8	33,592.0	33,995.4	35,201.6	36,786.6
Total	45,406.7	44,545.6	45,013.8	46,422.5	48,447.4

Source: Dashboard 02. Faculty and Staff | FTE Distribution by Funding Source
Includes non-School/College units and Hospital.
*Primary includes Regular and Supplemental Primary; Supplemental includes Research Fellows, House Officers, Graduate Student employees, and other Supplemental

Research Grants and Contracts

($000)

	2019-20	2020-21	2021-22	2022-23	2023-24
Schools & Colleges	1,087,617	1,097,933	1,197,457	1,300,815	1,326,057
Hospital, Acad, & Resrch. Units	282,407	337,254	211,510	182,972	271,595
Total	1,370,024	1,435,187	1,408,967	1,483,787	1,597,652

Source: U-M Financial Data Warehouse (totals as of October following fiscal year)

Fall Term Student to Faculty Ratio

2020	2021	2022	2023	2024
14:1	15:1	15:1	15:1	*Avail. Jan 2025*

Source: Common Data Set

A. Alfred Taubman College of Architecture and Urban Planning

Fall Term Headcount Enrollment by Level

	2020	2021	2022	2023	2024
Undergraduate	177	208	232	322	360
Graduate	403	436	454	415	382
Professional	--	--	--	--	--
Total	580	644	686	737	742

Source: Dashboard 04. Student Enrollment | Enrollment Trends

Fiscal Year Equated Students

	2019-20	2020-21	2021-22	2022-23	2023-24
Undergraduate	203	190	217	226	282
Graduate	566	507	582	579	509
Professional	--	--	--	--	--
Total	769	697	798	805	791

Source: Dashboard 05. Student Credit Hours | Student Credit Hours and FYES Crosstabs

FTE Faculty and Staff Counts

	2019-20	2020-21	2021-22	2022-23	2023-24
Instructional Faculty	85.1	73.6	78.5	79.3	85.7
Primary Faculty *	0.0	0.0	0.0	0.0	0.0
Supplemental*	15.7	13.5	17.7	19.7	13.2
Staff	45.4	47.9	50.8	66.1	69.2
Total	146.2	135.0	147.0	165.1	168.1

Source: Dashboard 02. Faculty and Staff | FTE Distribution by Funding Source

*Primary includes Regular and Supplemental Primary

*Supplemental includes Research Fellows, House Officers, Graduate Student employees, and other Supplemental

Research Grants and Contracts

($000)

2019-20	2020-21	2021-22	2022-23	2023-24
1,500	1,371	71	390	479

Source: U-M Financial Data Warehouse (totals as of October following fiscal year)

Fall Term Weighted Average Class Size

2020	2021	2022	2023	2024
17	18	18	17	*Avail. Jan 2025*

Source: Dashboard 06. Student Class Size | Class Size - Weighted Average

Penny W. Stamps School of Art and Design

Fall Term Headcount Enrollment by Level

	2020	2021	2022	2023	2024
Undergraduate	616	686	682	726	721
Undergraduate Joint Program	7	14	12	16	18
Graduate	17	24	19	14	15
Professional	--	--	--	--	--
Total	640	724	713	756	754

Source: Dashboard 04. Student Enrollment | Enrollment Trends

Note: Art/Music Joint Program count is reported here and with Music/Theater/Dance, but unduplicated in the Summary

Fiscal Year Equated Students

	2019-20	2020-21	2021-22	2022-23	2023-24
Undergraduate	511	485	545	572	603
Graduate	23	18	26	22	16
Professional	--	--	--	--	--
Total	534	503	571	594	619

Source: Dashboard 05. Student Credit Hours | Student Credit Hours and FYES Crosstabs

FTE Faculty and Staff Counts

	2019-20	2020-21	2021-22	2022-23	2023-24
Instructional Faculty	62.0	59.8	64.8	70.2	72.3
Primary Faculty *	0.0	0.0	0.0	0.2	0.1
Supplemental*	4.6	3.7	5.2	3.9	2.7
Staff	40.6	43.3	46.5	48.5	60.0
Total	107.1	106.7	116.5	122.8	135.1

Source: Dashboard 02. Faculty and Staff | FTE Distribution by Funding Source

*Primary includes Regular and Supplemental Primary

*Supplemental includes Research Fellows, House Officers, Graduate Student employees, and other Supplemental

Research Grants and Contracts

($000)

2019-20	2020-21	2021-22	2022-23	2023-24
252	364	283	152	309

Source: U-M Financial Data Warehouse (totals as of October following fiscal year)

Fall Term Weighted Average Class Size

2020	2021	2022	2023	2024
14	13	13	13	*Avail. Jan 2025*

Source: Dashboard 06. Student Class Size | Class Size - Weighted Average

Stephen M. Ross School of Business

Fall Term Headcount Enrollment by Level

	2020	2021	2022	2023	2024
Undergraduate	2,377	2,421	2,440	2,416	2,414
Graduate	1,788	1,905	1,922	2,017	2,084
Professional	--	--	--	--	--
Total	4,165	4,326	4,362	4,433	4,498

Source: Dashboard 04. Student Enrollment | Enrollment Trends

Fiscal Year Equated Students

	2019-20	2020-21	2021-22	2022-23	2023-24
Undergraduate	1,755	1,681	1,676	1,785	1,803
Graduate	2,211	2,072	2,251	2,285	2,380
Professional	--	--	--	--	--
Total	3,966	3,754	3,927	4,070	4,183

Source: Dashboard 05. Student Credit Hours | Student Credit Hours and FYES Crosstabs

FTE Faculty and Staff Counts

	2019-20	2020-21	2021-22	2022-23	2023-24
Instructional Faculty	169.4	165.4	163.0	158.2	157.2
Primary Faculty *	9.0	8.0	8.0	9.1	9.1
Supplemental*	24.9	22.6	17.6	21.1	21.8
Staff	394.6	377.1	354.2	376.1	404.1
Total	597.9	573.1	542.7	564.5	592.2

Source: Dashboard 02. Faculty and Staff | FTE Distribution by Funding Source

*Primary includes Regular and Supplemental Primary

*Supplemental includes Research Fellows, House Officers, Graduate Student employees, and other Supplemental

Research Grants and Contracts

($000)

2019-20	2020-21	2021-22	2022-23	2023-24
2,185	2,027	1,822	1,881	1,717

Source: U-M Financial Data Warehouse (totals as of October following fiscal year)

Fall Term Weighted Average Class Size

2020	2021	2022	2023	2024
49	50	53	54	*Avail. Jan 2025*

Source: Dashboard 06. Student Class Size | Class Size - Weighted Average

School of Dentistry

Fall Term Headcount Enrollment by Level

	2020	2021	2022	2023	2024
Undergraduate	83	74	77	70	71
Graduate	115	110	113	126	120
Professional	471	472	475	474	476
Total	669	656	665	670	667

Source: Dashboard 04. Student Enrollment | Enrollment Trends

Fiscal Year Equated Students

	2019-20	2020-21	2021-22	2022-23	2023-24
Undergraduate	92	102	95	104	96
Graduate	163	159	153	162	175
Professional	695	689	692	694	695
Total	950	949	940	960	966

Source: Dashboard 05. Student Credit Hours | Student Credit Hours and FYES Crosstabs

FTE Faculty and Staff Counts

	2019-20	2020-21	2021-22	2022-23	2023-24
Instructional Faculty	141.1	134.9	129.1	136.0	143.7
Primary Faculty *	11.9	8.0	8.4	7.1	7.1
Supplemental*	33.7	23.6	28.4	26.9	21.9
Staff	349.4	328.3	308.6	311.5	334.1
Total	536.1	494.9	474.5	481.4	506.8

Source: Dashboard 02. Faculty and Staff | FTE Distribution by Funding Source

*Primary includes Regular and Supplemental Primary

*Supplemental includes Research Fellows, House Officers, Graduate Student employees, and other Supplemental

Research Grants and Contracts

($000)

2019-20	2020-21	2021-22	2022-23	2023-24
22,683	24,259	28,224	22,371	22,180

Source: U-M Financial Data Warehouse (totals as of October following fiscal year)

Fall Term Weighted Average Class Size

2020	2021	2022	2023	2024
n/a	n/a	n/a	n/a	n/a

Source: Dashboard 06. Student Class Size | Class Size - Weighted Average

School for Environment and Sustainability

Fall Term Headcount Enrollment by Level

	2020	2021	2022	2023	2024
Undergraduate	1	--	--	--	--
Graduate	473	551	553	516	548
Professional	--	--	--	--	--
Total	474	551	553	516	548

Source: Dashboard 04. Student Enrollment | Enrollment Trends

Fiscal Year Equated Students

	2019-20	2020-21	2021-22	2022-23	2023-24
Undergraduate	263	256	267	275	284
Graduate	357	440	492	503	485
Professional	--	--	--	--	--
Total	620	696	759	778	769

Source: Dashboard 05. Student Credit Hours | Student Credit Hours and FYES Crosstabs

FTE Faculty and Staff Counts

	2019-20	2020-21	2021-22	2022-23	2023-24
Instructional Faculty	57.7	62.5	59.6	60.9	66.3
Primary Faculty *	10.0	7.9	8.8	9.4	9.1
Supplemental*	55.6	56.5	61.0	67.2	67.5
Staff	99.3	102.5	96.2	104.6	122.0
Total	222.5	229.4	225.6	242.1	264.9

Source: Dashboard 02. Faculty and Staff | FTE Distribution by Funding Source

*Primary includes Regular and Supplemental Primary

*Supplemental includes Research Fellows, House Officers, Graduate Student employees, and other Supplemental

Research Grants and Contracts

($000)

2019-20	2020-21	2021-22	2022-23	2023-24
17,328	13,488	18,149	22,174	24,692

Source: U-M Financial Data Warehouse (totals as of October following fiscal year)

Fall Term Weighted Average Class Size

2020	2021	2022	2023	2024
22	22	23	22	*Avail. Jan 2025*

Source: Dashboard 06. Student Class Size | Class Size - Weighted Average

School of Education

Fall Term Headcount Enrollment by Level

	2020	2021	2022	2023	2024
Undergraduate	126	114	88	84	125
Graduate	310	377	300	287	284
Professional	--	--	--	--	--
Total	436	491	388	371	409

Source: Dashboard 04. Student Enrollment | Enrollment Trends

Fiscal Year Equated Students

	2019-20	2020-21	2021-22	2022-23	2023-24
Undergraduate	188	181	180	161	186
Graduate	387	402	453	371	354
Professional	--	--	--	--	--
Total	575	583	633	532	540

Source: Dashboard 05. Student Credit Hours | Student Credit Hours and FYES Crosstabs

FTE Faculty and Staff Counts

	2019-20	2020-21	2021-22	2022-23	2023-24
Instructional Faculty	60.7	59.8	58.7	62.1	65.6
Primary Faculty *	5.1	5.7	4.8	6.0	5.6
Supplemental*	41.5	41.3	35.0	28.6	24.5
Staff	91.2	89.5	100.4	105.0	104.2
Total	198.5	196.3	198.9	201.6	199.7

Source: Dashboard 02. Faculty and Staff | FTE Distribution by Funding Source

*Primary includes Regular and Supplemental Primary

*Supplemental includes Research Fellows, House Officers, Graduate Student employees, and other Supplemental

Research Grants and Contracts

($000)

2019-20	2020-21	2021-22	2022-23	2023-24
7,767	12,040	9,336	9,020	8,530

Source: U-M Financial Data Warehouse (totals as of October following fiscal year)

Fall Term Weighted Average Class Size

2020	2021	2022	2023	2024
12	12	11	12	*Avail. Jan 2025*

Source: Dashboard 06. Student Class Size | Class Size - Weighted Average

College of Engineering

Fall Term Headcount Enrollment by Level

	2020	2021	2022	2023	2024
Undergraduate	6,841	6,931	6,962	7,111	7,252
Graduate	3,368	3,724	4,089	4,002	4,050
Professional	--	--	--	--	--
Total	10,209	10,655	11,051	11,113	11,302

Source: Dashboard 04. Student Enrollment | Enrollment Trends

Fiscal Year Equated Students

	2019-20	2020-21	2021-22	2022-23	2023-24
Undergraduate	5,692	5,842	5,927	6,163	6,271
Graduate	3,115	3,099	3,434	3,413	3,522
Professional	--	--	--	--	--
Total	8,807	8,942	9,360	9,576	9,793

Source: Dashboard 05. Student Credit Hours | Student Credit Hours and FYES Crosstabs

FTE Faculty and Staff Counts

	2019-20	2020-21	2021-22	2022-23	2023-24
Instructional Faculty	470.1	479.7	479.4	503.8	533.1
Primary Faculty *	112.4	102.9	109.3	108.0	110.8
Supplemental*	877.2	869.5	866.4	884.1	949.8
Staff	771.9	786.2	816.2	895.4	948.7
Total	2,231.6	2,238.2	2,271.2	2,391.2	2,542.5

Source: Dashboard 02. Faculty and Staff | FTE Distribution by Funding Source

*Primary includes Regular and Supplemental Primary

*Supplemental includes Research Fellows, House Officers, Graduate Student employees, and other Supplemental

Research Grants and Contracts

($000)

2019-20	2020-21	2021-22	2022-23	2023-24
236,904	232,883	241,387	320,311	264,731

Source: U-M Financial Data Warehouse (totals as of October following fiscal year)

Fall Term Weighted Average Class Size

2020	2021	2022	2023	2024
36	36	38	38	*Avail. Jan 2025*

Source: Dashboard 06. Student Class Size | Class Size - Weighted Average

School of Information

Fall Term Headcount Enrollment by Level

	2020	2021	2022	2023	2024
Undergraduate	295	353	380	446	505
Graduate	986	1,263	1,347	1,314	1,243
Graduate Joint Program	74	75	76	88	77
Professional	--	--	--	--	--
Total	1,355	1,691	1,803	1,848	1,825

Source: Dashboard 04. Student Enrollment | Enrollment Trends

Fiscal Year Equated Students

	2019-20	2020-21	2021-22	2022-23	2023-24
Undergraduate	447	447	430	543	665
Graduate	658	950	1,073	1,119	1,102
Professional	--	--	--	--	--
Total	1,105	1,397	1,504	1,662	1,766

Source: Dashboard 05. Student Credit Hours | Student Credit Hours and FYES Crosstabs

FTE Faculty and Staff Counts

	2019-20	2020-21	2021-22	2022-23	2023-24
Instructional Faculty	55.2	63.8	66.2	75.9	89.7
Primary Faculty *	1.5	0.9	1.1	2.5	1.0
Supplemental*	80.4	67.8	80.7	94.7	117.2
Staff	76.9	80.9	86.2	86.1	110.0
Total	213.9	213.4	234.2	259.2	317.9

Source: Dashboard 02. Faculty and Staff | FTE Distribution by Funding Source

*Primary includes Regular and Supplemental Primary

*Supplemental includes Research Fellows, House Officers, Graduate Student employees, and other Supplemental

Research Grants and Contracts

($000)

2019-20	2020-21	2021-22	2022-23	2023-24
6,498	5,339	7,097	8,451	9,136

Source: U-M Financial Data Warehouse (totals as of October following fiscal year)

Fall Term Weighted Average Class Size

2020	2021	2022	2023	2024
31	36	37	38	*Avail. Jan 2025*

Source: Dashboard 06. Student Class Size | Class Size - Weighted Average

School of Kinesiology

Fall Term Headcount Enrollment by Level

	2020	2021	2022	2023	2024
Undergraduate	1,003	1,066	1,098	1,177	1,250
Graduate	93	120	130	135	152
Professional	--	--	--	--	--
Total	1,096	1,186	1,228	1,312	1,402

Source: Dashboard 04. Student Enrollment | Enrollment Trends

Fiscal Year Equated Students

	2019-20	2020-21	2021-22	2022-23	2023-24
Undergraduate	618	605	625	725	761
Graduate	92	69	115	108	129
Professional	--	--	--	--	--
Total	710	674	740	833	890

Source: Dashboard 05. Student Credit Hours | Student Credit Hours and FYES Crosstabs

FTE Faculty and Staff Counts

	2019-20	2020-21	2021-22	2022-23	2023-24
Instructional Faculty	47.1	47.9	48.8	51.7	57.6
Primary Faculty *	0.0	0.0	0.0	0.0	1.0
Supplemental*	16.7	15.5	15.3	15.6	17.8
Staff	52.8	52.4	55.8	68.5	70.9
Total	116.6	115.9	119.9	135.8	147.3

Source: Dashboard 02. Faculty and Staff | FTE Distribution by Funding Source

*Primary includes Regular and Supplemental Primary

*Supplemental includes Research Fellows, House Officers, Graduate Student employees, and other Supplemental

Research Grants and Contracts

($000)

2019-20	2020-21	2021-22	2022-23	2023-24
9,089	7,581	6,235	8,669	7,793

Source: U-M Financial Data Warehouse (totals as of October following fiscal year)

Fall Term Weighted Average Class Size

2020	2021	2022	2023	2024
23	22	25	24	*Avail. Jan 2025*

Source: Dashboard 06. Student Class Size | Class Size - Weighted Average

Law School

Fall Term Headcount Enrollment by Level

	2020	2021	2022	2023	2024
Undergraduate	--	--	--	--	--
Graduate	22	35	28	38	33
Professional	1,005	963	979	979	990
Total	1,027	998	1,007	1,017	1,023

Source: Dashboard 04. Student Enrollment | Enrollment Trends

Fiscal Year Equated Students

	2019-20	2020-21	2021-22	2022-23	2023-24
Undergraduate	--	--	--	--	--
Graduate	22	16	12	16	11
Professional	1,012	1,022	994	1,002	1,011
Total	1,034	1,038	1,006	1,018	1,022

Source: Dashboard 05. Student Credit Hours | Student Credit Hours and FYES Crosstabs

FTE Faculty and Staff Counts

	2019-20	2020-21	2021-22	2022-23	2023-24
Instructional Faculty	89.3	86.8	87.8	104.0	101.4
Primary Faculty *	10.0	9.0	10.0	11.0	11.0
Supplemental*	10.3	9.0	10.0	9.0	7.0
Staff	149.9	148.6	140.3	145.1	145.8
Total	259.5	253.3	248.1	269.2	265.3

Source: Dashboard 02. Faculty and Staff | FTE Distribution by Funding Source

*Primary includes Regular and Supplemental Primary

*Supplemental includes Research Fellows, House Officers, Graduate Student employees, and other Supplemental

Research Grants and Contracts

($000)

2019-20	2020-21	2021-22	2022-23	2023-24
331	861	1,065	459	463

Source: U-M Financial Data Warehouse (totals as of October following fiscal year)

Fall Term Weighted Average Class Size

2020	2021	2022	2023	2024
23	23	23	21	*Avail. Jan 2025*

Source: Dashboard 06. Student Class Size | Class Size - Weighted Average

College of Literature, Science, and the Arts

Fall Term Headcount Enrollment by Level

	2020	2021	2022	2023	2024
Undergraduate	17,796	18,322	18,656	19,249	19,528
Graduate	2,656	2,697	2,728	2,724	2,670
Professional	--	--	--	--	--
Total	20,452	21,019	21,384	21,973	22,198

Source: Dashboard 04. Student Enrollment | Enrollment Trends

Fiscal Year Equated Students

	2019-20	2020-21	2021-22	2022-23	2023-24
Undergraduate	19,208	19,470	19,457	19,572	20,152
Graduate	3,199	3,109	3,151	3,072	3,039
Professional	--	--	--	--	--
Total	22,407	22,579	22,607	22,644	23,191

Source: Dashboard 05. Student Credit Hours | Student Credit Hours and FYES Crosstabs

FTE Faculty and Staff Counts

	2019-20	2020-21	2021-22	2022-23	2023-24
Instructional Faculty	1,332.5	1,352.5	1,366.7	1,366.0	1,367.1
Primary Faculty *	44.0	44.9	37.1	42.6	36.0
Supplemental*	1,023.7	1,040.4	1,020.9	1,021.4	1,042.0
Staff	1,201.4	1,180.1	1,180.0	1,204.9	1,289.1
Total	3,601.6	3,617.9	3,604.7	3,634.9	3,734.1

Source: Dashboard 02. Faculty and Staff | FTE Distribution by Funding Source

*Primary includes Regular and Supplemental Primary

*Supplemental includes Research Fellows, House Officers, Graduate Student employees, and other Supplemental

Research Grants and Contracts

($000)

2019-20	2020-21	2021-22	2022-23	2023-24
89,225	101,112	106,223	105,136	111,154

Source: U-M Financial Data Warehouse (totals as of October following fiscal year)

Fall Term Weighted Average Class Size

2020	2021	2022	2023	2024
28	29	29	29	*Avail. Jan 2025*

Source: Dashboard 06. Student Class Size | Class Size - Weighted Average

Medical School

Fall Term Headcount Enrollment by Level

	2020	2021	2022	2023	2024
Undergraduate	34	36	26	21	29
Graduate	750	810	789	847	922
Professional	714	791	797	809	790
Total	1,498	1,637	1,612	1,677	1,741

Source: Dashboard 04. Student Enrollment | Enrollment Trends

Fiscal Year Equated Students

	2019-20	2020-21	2021-22	2022-23	2023-24
Undergraduate	251	280	285	299	342
Graduate	878	935	996	992	1,039
Professional	870	879	1,017	1,008	1,019
Total	1,999	2,095	2,298	2,299	2,400

Source: Dashboard 05. Student Credit Hours | Student Credit Hours and FYES Crosstabs

FTE Faculty and Staff Counts

	2019-20	2020-21	2021-22	2022-23	2023-24
Instructional Faculty	2,383.8	2,393.2	2,391.3	2,441.5	2,595.1
Primary Faculty *	359.4	341.6	350.8	366.6	358.3
Supplemental*	700.7	653.5	646.6	652.2	716.3
Staff	4,023.1	3,862.9	3,952.2	4,117.7	4,411.5
Total	7,467.0	7,251.1	7,341.0	7,577.9	8,081.2

Source: Dashboard 02. Faculty and Staff | FTE Distribution by Funding Source

*Primary includes Regular and Supplemental Primary

*Supplemental includes Research Fellows, House Officers, Graduate Student employees, and other Supplemental

Research Grants and Contracts

($000)

2019-20	2020-21	2021-22	2022-23	2023-24
562,382	565,196	639,234	653,896	718,504

Source: U-M Financial Data Warehouse (totals as of October following fiscal year)

Fall Term Weighted Average Class Size

2020	2021	2022	2023	2024
n/a	n/a	n/a	n/a	n/a

Source: Dashboard 06. Student Class Size | Class Size - Weighted Average

School of Music, Theatre and Dance

Fall Term Headcount Enrollment by Level

	2020	2021	2022	2023	2024
Undergraduate	837	869	851	851	843
Undergraduate Joint Program	7	14	12	16	18
Graduate	266	294	294	283	290
Professional	--	--	--	--	--
Total	1,110	1,177	1,157	1,150	1,151

Source: Dashboard 04. Student Enrollment | Enrollment Trends

Fiscal Year Equated Students

	2019-20	2020-21	2021-22	2022-23	2023-24
Undergraduate	949	850	933	937	958
Graduate	391	339	381	383	397
Professional	--	--	--	--	--
Total	1,340	1,190	1,314	1,320	1,355

Source: Dashboard 05. Student Credit Hours | Student Credit Hours and FYES Crosstabs

FTE Faculty and Staff Counts

	2019-20	2020-21	2021-22	2022-23	2023-24
Instructional Faculty	169.7	174.1	169.9	181.1	183.0
Primary Faculty *	0.0	0.0	0.1	0.0	0.0
Supplemental*	33.5	34.4	34.3	37.9	41.7
Staff	94.4	87.8	103.7	120.3	135.0
Total	297.6	296.2	308.0	339.3	359.6

Source: Dashboard 02. Faculty and Staff | FTE Distribution by Funding Source

*Primary includes Regular and Supplemental Primary

*Supplemental includes Research Fellows, House Officers, Graduate Student employees, and other Supplemental

Research Grants and Contracts

($000)

2019-20	2020-21	2021-22	2022-23	2023-24
115	176	456	256	361

Source: U-M Financial Data Warehouse (totals as of October following fiscal year)

Fall Term Weighted Average Class Size

2020	2021	2022	2023	2024
14	16	16	15	*Avail. Jan 2025*

Source: Dashboard 06. Student Class Size | Class Size - Weighted Average

School of Nursing

Fall Term Headcount Enrollment by Level

	2020	2021	2022	2023	2024
Undergraduate	678	713	714	750	809
Graduate	295	334	316	293	290
Professional	154	171	159	140	129
Total	1,127	1,218	1,189	1,183	1,228

Source: Dashboard 04. Student Enrollment | Enrollment Trends

Fiscal Year Equated Students

	2019-20	2020-21	2021-22	2022-23	2023-24
Undergraduate	576	597	610	618	629
Graduate	194	232	263	225	218
Professional	189	204	231	223	194
Total	959	1,032	1,103	1,066	1,041

Source: Dashboard 05. Student Credit Hours | Student Credit Hours and FYES Crosstabs

FTE Faculty and Staff Counts

	2019-20	2020-21	2021-22	2022-23	2023-24
Instructional Faculty	104.5	106.9	102.6	99.5	102.4
Primary Faculty *	4.4	5.4	4.1	4.1	3.8
Supplemental*	5.3	3.5	5.3	3.0	2.8
Staff	139.5	133.3	117.2	109.8	132.9
Total	253.6	249.1	229.1	216.5	241.9

Source: Dashboard 02. Faculty and Staff | FTE Distribution by Funding Source

*Primary includes Regular and Supplemental Primary

*Supplemental includes Research Fellows, House Officers, Graduate Student employees, and other Supplemental

Research Grants and Contracts

($000)

2019-20	2020-21	2021-22	2022-23	2023-24
11,413	10,867	10,245	10,852	15,860

Source: U-M Financial Data Warehouse (totals as of October following fiscal year)

Fall Term Weighted Average Class Size

2020	2021	2022	2023	2024
12	12	13	12	*Avail. Jan 2025*

Source: Dashboard 06. Student Class Size | Class Size - Weighted Average

College of Pharmacy

Fall Term Headcount Enrollment by Level

	2020	2021	2022	2023	2024
Undergraduate	91	104	102	102	113
Graduate	93	111	124	132	147
Professional	332	331	322	327	328
Total	516	546	548	561	588

Source: Dashboard 04. Student Enrollment | Enrollment Trends

Fiscal Year Equated Students

	2019-20	2020-21	2021-22	2022-23	2023-24
Undergraduate	37	37	42	41	42
Graduate	100	125	138	143	150
Professional	381	376	371	365	368
Total	518	538	551	549	560

Source: Dashboard 05. Student Credit Hours | Student Credit Hours and FYES Crosstabs

FTE Faculty and Staff Counts

	2019-20	2020-21	2021-22	2022-23	2023-24
Instructional Faculty	43.1	41.4	42.8	41.7	41.7
Primary Faculty *	23.1	16.8	15.0	13.1	18.0
Supplemental*	67.1	52.6	48.4	50.3	68.5
Staff	74.7	78.1	81.6	81.0	87.2
Total	208.0	188.9	187.8	186.0	215.4

Source: Dashboard 02. Faculty and Staff | FTE Distribution by Funding Source

*Primary includes Regular and Supplemental Primary

*Supplemental includes Research Fellows, House Officers, Graduate Student employees, and other Supplemental

Research Grants and Contracts

($000)

2019-20	2020-21	2021-22	2022-23	2023-24
15,288	16,332	18,569	23,997	25,989

Source: U-M Financial Data Warehouse (totals as of October following fiscal year)

Fall Term Weighted Average Class Size

2020	2021	2022	2023	2024
45	41	40	39	*Avail. Jan 2025*

Source: Dashboard 06. Student Class Size | Class Size - Weighted Average

School of Public Health

Fall Term Headcount Enrollment by Level

	2020	2021	2022	2023	2024
Undergraduate	204	207	213	225	247
Graduate	903	1,072	1,067	937	981
Graduate Joint Program	74	75	76	88	77
Professional	--	--	--	--	--
Total	1,181	1,354	1,356	1,250	1,305

Source: Dashboard 04. Student Enrollment | Enrollment Trends

Fiscal Year Equated Students

	2019-20	2020-21	2021-22	2022-23	2023-24
Undergraduate	214	219	223	213	246
Graduate	1,148	1,089	1,240	1,240	1,126
Professional	--	--	--	--	--
Total	1,362	1,308	1,463	1,453	1,372

Source: Dashboard 05. Student Credit Hours | Student Credit Hours and FYES Crosstabs

FTE Faculty and Staff Counts

	2019-20	2020-21	2021-22	2022-23	2023-24
Instructional Faculty	139.5	135.9	130.5	130.0	132.5
Primary Faculty *	33.4	27.1	30.1	27.3	25.6
Supplemental*	124.4	113.4	136.1	125.6	124.6
Staff	371.6	373.8	401.0	433.0	443.1
Total	668.9	650.2	697.6	715.9	725.8

Source: Dashboard 02. Faculty and Staff | FTE Distribution by Funding Source

*Primary includes Regular and Supplemental Primary

*Supplemental includes Research Fellows, House Officers, Graduate Student employees, and other Supplemental

Research Grants and Contracts

($000)

2019-20	2020-21	2021-22	2022-23	2023-24
95,982	95,271	101,165	101,759	101,885

Source: U-M Financial Data Warehouse (totals as of October following fiscal year)

Fall Term Weighted Average Class Size

2020	2021	2022	2023	2024
28	35	36	35	*Avail. Jan 2025*

Source: Dashboard 06. Student Class Size | Class Size - Weighted Average

Gerald R. Ford School of Public Policy

Fall Term Headcount Enrollment by Level

	2020	2021	2022	2023	2024
Undergraduate	163	164	162	164	169
Graduate	206	219	230	198	175
Professional	--	--	--	--	--
Total	369	383	392	362	344

Source: Dashboard 04. Student Enrollment | Enrollment Trends

Fiscal Year Equated Students

	2019-20	2020-21	2021-22	2022-23	2023-24
Undergraduate	119	126	141	141	145
Graduate	267	247	257	249	216
Professional	--	--	--	--	--
Total	386	372	398	390	361

Source: Dashboard 05. Student Credit Hours | Student Credit Hours and FYES Crosstabs

FTE Faculty and Staff Counts

	2019-20	2020-21	2021-22	2022-23	2023-24
Instructional Faculty	40.5	40.7	40.4	39.2	43.5
Primary Faculty *	0.0	0.0	0.1	0.5	0.9
Supplemental*	9.1	11.2	14.6	10.9	11.1
Staff	68.4	72.1	69.3	74.1	78.9
Total	117.9	124.0	124.4	124.6	134.4

Source: Dashboard 02. Faculty and Staff | FTE Distribution by Funding Source

*Primary includes Regular and Supplemental Primary

*Supplemental includes Research Fellows, House Officers, Graduate Student employees, and other Supplemental

Research Grants and Contracts

($000)

2019-20	2020-21	2021-22	2022-23	2023-24
3,981	4,114	2,500	4,057	4,985

Source: U-M Financial Data Warehouse (totals as of October following fiscal year)

Fall Term Weighted Average Class Size

2020	2021	2022	2023	2024
31	33	32	28	*Avail. Jan 2025*

Source: Dashboard 06. Student Class Size | Class Size - Weighted Average

Horace H. Rackham School of Graduate Studies

Fall Term Headcount Enrollment by Level

	2020	2021	2022	2023	2024
Undergraduate	--	--	--	--	--
Graduate	333	328	327	300	275
Professional	--	--	--	--	--
Total	333	328	327	300	275

Source: Dashboard 04. Student Enrollment | Enrollment Trends

Fiscal Year Equated Students

	2019-20	2020-21	2021-22	2022-23	2023-24
Undergraduate	--	--	--	--	--
Graduate	94	78	86	71	62
Professional	--	--	--	--	--
Total	94	78	86	71	62

Source: Dashboard 05. Student Credit Hours | Student Credit Hours and FYES Crosstabs

FTE Faculty and Staff Counts

	2019-20	2020-21	2021-22	2022-23	2023-24
Instructional Faculty	0.5	0.5	0.5	0.7	0.7
Primary Faculty *	0.0	0.0	0.0	0.0	0.0
Supplemental*	20.3	17.3	26.3	27.8	20.8
Staff	105.2	98.7	100.3	108.7	118.7
Total	125.9	116.4	127.1	137.1	140.1

Source: Dashboard 02. Faculty and Staff | FTE Distribution by Funding Source

*Primary includes Regular and Supplemental Primary

*Supplemental includes Research Fellows, House Officers, Graduate Student employees, and other Supplemental

Research Grants and Contracts

($000)

2019-20	2020-21	2021-22	2022-23	2023-24
161	142	211	175	105

Source: U-M Financial Data Warehouse (totals as of October following fiscal year)

Fall Term Weighted Average Class Size

2020	2021	2022	2023	2024
8	17	7	8	*Avail. Jan 2025*

Source: Dashboard 06. Student Class Size | Class Size - Weighted Average

School of Social Work

Fall Term Headcount Enrollment by Level

	2020	2021	2022	2023	2024
Undergraduate	--	--	--	--	--
Graduate	751	783	892	940	950
Professional	--	--	--	--	--
Total	751	783	892	940	950

Source: Dashboard 04. Student Enrollment | Enrollment Trends

Fiscal Year Equated Students

	2019-20	2020-21	2021-22	2022-23	2023-24
Undergraduate	31	35	38	33	35
Graduate	1,065	1,081	1,119	1,140	1,220
Professional	--	--	--	--	--
Total	1,096	1,115	1,157	1,173	1,254

Source: Dashboard 05. Student Credit Hours | Student Credit Hours and FYES Crosstabs

FTE Faculty and Staff Counts

	2019-20	2020-21	2021-22	2022-23	2023-24
Instructional Faculty	75.7	78.0	78.2	80.9	83.3
Primary Faculty *	2.5	1.6	1.8	1.3	1.8
Supplemental*	20.8	13.8	12.0	8.5	4.0
Staff	78.0	80.6	84.7	89.1	104.6
Total	176.9	173.9	176.7	179.8	193.7

Source: Dashboard 02. Faculty and Staff | FTE Distribution by Funding Source

*Primary includes Regular and Supplemental Primary

*Supplemental includes Research Fellows, House Officers, Graduate Student employees, and other Supplemental

Research Grants and Contracts

($000)

2019-20	2020-21	2021-22	2022-23	2023-24
4,533	4,510	5,187	6,809	7,185

Source: U-M Financial Data Warehouse (totals as of October following fiscal year)

Fall Term Weighted Average Class Size

2020	2021	2022	2023	2024
21	20	20	19	*Avail. Jan 2025*

Source: Dashboard 06. Student Class Size | Class Size - Weighted Average

Appendix B: Deferred Maintenance Data

The university maintains a database of all buildings, including size and use. Deferred maintenance estimates are included here when the information is available. This information allows comparisons of buildings and trends over time with respect to overall condition. Deferred maintenance information is continually updated and where possible includes detailed needs and specific cost estimates to implement projects. The summary information provided here is a planning tool. It is not intended to accurately reflect all costs listed and should not be used for cost estimates. *Denotes building is in planning or under construction.

Bldg #	Building Name	Gross Sqft	Original Construction	Building Type	Deferred Maintenance Backlog
1005561	1 MARSHALL CT	1,050	1910	Income Properties	$ -
1000327	1018 FULLER BUILDING	8,349	1965	Clinical Delivery System	$ -
1000816	1032 GREENE BUILDING	5,903	1975	Administration & Support	$ 1,767,929
1000188	1100 NORTH UNIVERSITY BUILDING	187,154	1925	Teach, Research, Support	$ 15,639,621
1000886	1443 WASHTENAW AVENUE BUILDING	13,799	1943	Student Services	$ 1,341,121
1000891	1736 BROADWAY GARAGE	480	1965	Income Properties	$ -
1000885	1736 BROADWAY HOUSE	2,970	1965	Income Properties	$ -
1005562	2 MARSHALL CT	1,050	1910	Income Properties	$ -
1005179	202 SOUTH THAYER BUILDING	59,825	2006	Teach, Research, Support	$ 7,858
1000335	300 400 N INGALLS BOILER HSE	9,908	1955	Administration & Support	$ 2,633,788
1000332	300 N INGALLS BUILDING	325,677	1955	TeachResSupport/CDS	$ 75,099,845
1005551	302 E MADISON ST	1,454	1901	Income Properties	$ -
1005552	304 E MADISON ST	1,518	1901	Income Properties	$ -
1005553	306 E MADISON ST	1,504	1901	Income Properties	$ -
1005554	308 E MADISON ST	1,230	1910	Income Properties	$ -
1005540	315 JOHN ST	1,598	1901	Income Properties	$ -
1005555	316 E MADISON ST	7,452	1963	Income Properties	$ -
1005590	318 JOHN ST	3,550	1965	Income Properties	$ -
1005576	319-321 JOHN ST	1,232	1956	Income Properties	$ -
1005556	320 E MADISON ST	7,452	1963	Income Properties	$ -
1005541	322 JOHN ST	1,270	1927	Income Properties	$ -
1005542	323 JOHN ST	1,746	1901	Income Properties	$ -
1005543	324 JOHN ST	1,950	1901	Income Properties	$ -
1005557	326 E MADISON ST	9,856	1963	Income Properties	$ -
1005544	327 JOHN ST	827	1939	Income Properties	$ -
1005545	328 JOHN ST	1,368	1901	Income Properties	$ -
1005546	332 JOHN ST	1,320	1901	Income Properties	$ -
1005558	332 E MADISON ST	1,442	1920	Income Properties	$ -
1005547	333 JOHN ST	1,512	1920	Income Properties	$ -

1005559	334 E MADISON ST	2,310	1901	Income Properties	$ -
1005548	335 JOHN ST	1,140	1924	Income Properties	$ -
1005549	336 JOHN ST	1,320	1920	Income Properties	$ -
1005573	336 E MADISON ST	1,756	1920	Income Properties	$ -
1005593	338 JOHN ST	1,364	1920	Residence	$ -
1005550	339 JOHN ST	1,200	1901	Income Properties	$ -
1005560	342 E MADISON ST	1,668	1901	Income Properties	$ -
1005574	3520 GREEN COURT	112,145	2001	Teach, Research, Support	$ -
1005563	4 MARSHALL CT	1,120	1910	Income Properties	$ -
1005327	439 S DIVISION STREET	3,210	1900	Income Properties	$ -
1005564	5 MARSHALL CT	1,020	1910	Income Properties	$ -
1005287	523 SOUTH DIVISION BUILDING	9,315	2010	Administration & Support	$ 156,000
1005565	6 MARSHALL CT	1,652	1910	Income Properties	$ -
1005526	606 S DIVISION ST	1,363	1910	Income Properties	$ -
1005527	608 S DIVISION ST	1,363	1910	Income Properties	$ -
1005539	609 S FIFTH AVE	5,166	1990	Income Properties	$ -
1005528	616 S DIVISION ST	2,247	1920	Income Properties	$ -
1005529	622 S DIVISION ST	1,060	1910	Income Properties	$ -
1005530	624 S DIVISION ST	950	1905	Income Properties	$ -
1005531	626 S DIVISION ST	1,897	1915	Income Properties	$ -
1005523	702 S DIVISION ST	1,814	1901	Income Properties	$ -
1005524	706 S DIVISION ST	1,592	1901	Income Properties	$ -
1005525	710 S DIVISION ST	1,244	1901	Income Properties	$ -
1005532	712 S DIVISION ST	1,106	1917	Income Properties	$ -
1005533	716 S DIVISION ST	1,727	1913	Income Properties	$ -
1005534	724 S DIVISION ST	1,064	1901	Income Properties	$ -
1005535	726 S DIVISION ST	1,104	1901	Income Properties	$ -
1005596	730 S DIVISION ST	1,064	1901	Income Properties	$ -
1005536	732 S DIVISION ST	1,424	1913	Income Properties	$ -
1005537	734 S DIVISION ST	1,151	1901	Income Properties	$ -
1005538	736 S DIVISION ST	1,478	1901	Income Properties	$ -
1005566	8 MARSHALL CT	1,872	1910	Income Properties	$ -
1005577	802 MONROE ST	3,010	1890	Income Properties	$ -
1005578	804 MONROE ST	2,717	1901	Income Properties	$ -
1000815	ADMINISTRATIVE SERVICES	91,653	1963	Administration & Support	$ 13,806,904
1000423	AERO ENG LAB PUMPING STATION	2,456	1955	Teach, Research, Support	$ 95,961
1000426	AERO ENG POWER PLANT	697	1955	Teach, Research, Support	$ 1,912
1000425	AEROSPACE ENGINEERING LAB PLASMA RESEARCH	25,941	1961	Teach, Research, Support	$ 1,360,490
1000422	AEROSPACE ENGINEERING LAB PROPULSION LAB	8,067	1955	Teach, Research, Support	$ 5,406,863

1000421	AEROSPACE ENGINEERING LAB WIND TUNNEL LAB	14,171	1955	Teach, Research, Support	$ 3,744,348
1000192	ALUMNI CENTER	35,315	1983	Administration & Support	$ 2,588,376
1005123	ALUMNI FIELD AT CAROL HUTCHINS STADIUM	12,209	2008	Intercollegiate Athletics Bldg	$ -
1000151	ALUMNI MEMORIAL HALL	99,304	1910	Teach, Research, Support	$ 3,708,576
1000206	ANGELL HALL AUDITORIUMS	29,293	1952	Teach, Research, Support	$ 2,983,475
1000152	ANGELL JAMES B HALL AND TISCH HALL	209,256	1924	Teach, Research, Support	$ 8,620,098
1005132	ANN STREET PARKING STRUCTURE	189,202	2009	Parking Structure	$ -
1008079	ARBOR LAKES 1	39,867	1976	AdminSupport/CDS	$ 5,630,193
1008080	ARBOR LAKES 2	89,277	1979	AdminSupport/CDS	$ 14,223,921
1008081	ARBOR LAKES 3	84,893	1981	AdminSupport/CDS	$ 15,422,537
1000831	ARGUS BUILDING II	69,214	1941	Teach, Research, Support	$ 11,253,391
1000432	ART ARCHITECTURE BUILDING	264,419	1974	Teach, Research, Support	$ 9,184,888
1005371	ATHLETIC DEPARTMENT OPERATIONS CENTER	18,674	2015	Intercollegiate Athletics Bldg	$ -
1005402	ATHLETICS FACILITY SUPPORT BUILDING	2,976	2015	Intercollegiate Athletics Bldg	$ -
1005195	ATHLETICS MAINTENANCE BUILDING	1,473	1985	Intercollegiate Athletics Bldg	$ -
1005168	AUTO LAB FUEL STORAGE BUILDING	427	2005	Teach, Research, Support	$ 39,198
1002501	AUXILIARY SERVICES BUILDING 1	80,622	1968	Administration & Support	$ 15,694,879
1000395	BAGNOUD FRANCOIS-XAVIER BUILDING	101,812	1991	Teach, Research, Support	$ 10,257,353
1005236	BAHNA WRESTLING CENTER	22,072	2009	Intercollegiate Athletics Bldg	$ -
1000510	BAITS VERA I EATON HOUSE	36,148	1966	Resident Hall	$ 82,476,957
1000511	BAITS VERA I LEE HOUSE	33,017	1966	Resident Hall	$ -
1000512	BAITS VERA I PARKER HOUSE	34,411	1966	Resident Hall	$ -
1000513	BAITS VERA I SMITH HOUSE	29,190	1966	Resident Hall	$ -
1000514	BAITS VERA I STANLEY HOUSE	32,600	1966	Resident Hall	$ -
1000515	BAITS VERA II COMAN HOUSE	48,603	1967	Resident Hall	$ 39,598,367
1000516	BAITS VERA II CONGER HOUSE	26,929	1967	Resident Hall	$ 13,350
1000517	BAITS VERA II CROSS HOUSE	35,118	1967	Resident Hall	$ -
1000518	BAITS VERA II THIEME HOUSE	25,219	1967	Resident Hall	$ -
1000519	BAITS VERA II ZIWET HOUSE	33,931	1967	Resident Hall	$ -
1000051	BARBOUR BETSY HOUSE	33,925	1920	Resident Hall	$ 14,622,078
1005290	BAXTER ROAD MONITORING SHED	49	2010	Administration & Support	$ -
1000439	BENTLEY ALVIN M AND ARVELLA D HISTORICAL LIBRARY	66,537	1973	Library Building	$ 7,286,203
1005092	BEYSTER BOB AND BETTY BUILDING	104,132	2006	Teach, Research, Support	$ 311,589
1005169	BIOLOGICAL SCIENCES BUILDING	312,211	2018	Teach, Research, Support	$ -
1005370	BLAU JEFF T HALL	106,172	2016	Teach, Research, Support	$ -
1000402	BONISTEEL INTERDISCIPLINARY RESEARCH BUILDING	21,993	1954	Teach, Research, Support	$ 3,461,640
1000880	BOYER BUILDING	15,472	1969	Administration & Support	$ 1,549,613
1005102	BREHM TOWER	252,234	2009	TeachResSupport/CDS	$ 22,276
1008076	BRIARWOOD 1	17,857	1993	Clinical Delivery System	$ 3,026,360

1008130	BRIARWOOD 10	17,299	1996	Clinical Delivery System	$ 290,632
1008030	BRIARWOOD 2	15,924	1988	Clinical Delivery System	$ 575,515
1008065	BRIARWOOD 3	10,262	1991	Clinical Delivery System	$ 409,136
1008042	BRIARWOOD 4	14,063	1991	Clinical Delivery System	$ -
1008016	BRIARWOOD 5	9,378	1986	Clinical Delivery System	$ 149,206
1008142	BRIARWOOD 9	5,324	1998	Clinical Delivery System	$ 629,720
1000407	BROWN GEORGE GRANGER MEMORIAL LABORATORIES	290,501	1957	Teach, Research, Support	$ 2,298,072
1000210	BUHL LAWRENCE D RESEARCH CEN FOR HUMAN GENETICS	18,971	1964	Teach, Research, Support	$ 529,564
1000799	BUHR BUILDING	187,245	1952	Administration & Support	$ 16,507,154
1000010	BURNHAM HOUSE	3,482	1837	Teach, Research, Support	$ 997,015
1000555	BURSLEY JOSEPH A AND MARGUERITE K HALL	341,601	1967	Resident Hall	$ 85,372,552
1000155	BURTON MEMORIAL TOWER	20,103	1936	Teach, Research, Support	$ 5,940,170
1000139	BUSINESS ADMIN EXECUTIVE DORM	50,853	1985	Teach, Research, Support	$ 8,639,992
1000742	CAMPUS SAFETY SERVICES BUILDING	108,063	1978	Administration & Support	$ 7,499,030
1000718	CANHAM DONALD B NATATORIUM	77,639	1988	Intercollegiate Athletics Bldg	$ 69,657
1005146	CARDIOVASCULAR CENTER PARKING STRUCTURE	168,596	2009	Parking Structure	$ -
1005567	CARRIAGE HOUSE	23,897	1964	Apartment	$ -
1000258	CATHERINE ST PARKING STRUCTURE	140,168	1959	Parking Structure	$ -
1005451	CENTRAL CAMPUS CLASSROOM BUILDING	108,758	2022	Teach, Research, Support	$ -
1005379	CENTRAL CAMPUS SUPPORT FACILITY	88	2014	Administration & Support	$ -
1000260	CENTRAL POWER PLANT	123,112	1914	Administration & Support	$ 68,028,468
1000158	CHEMISTRY AND DOW WILLARD H LABORATORY	545,112	1909	Teach, Research, Support	$ 34,136,594
1000443	CHRYSLER CENTER CONTINUING ENGINEERING EDUCATION	45,310	1968	Teach, Research, Support	$ 3,525,826
1000257	CHURCH ST PARKING STRUCTURE	228,214	1957	Parking Structure	$ 5,100,976
1000159	CLEMENTS WILLIAM L LIBRARY	27,257	1923	Library Building	$ 364,000
1000441	CLIMATE AND SPACE RESEARCH BUILDING	105,521	1965	Teach, Research, Support	$ 17,587,635
1005036	COLEMAN MARY SUE HALL	298,399	2003	Teach, Research, Support	$ 4,752,746
1000710	COLISEUM	38,404	1926	Recreational Sports Building	$ 2,735,061
1000230	COLLEGE OF PHARMACY BUILDING	56,772	1960	Teach, Research, Support	$ 5,974,423
1000109	COOK JOHN P BUILDING	63,906	1930	Resident Hall	$ -
1000052	COOK MARTHA BUILDING	71,974	1915	Resident Hall	$ 24,528,380
1000184	COOK WILLIAM W LEGAL RESEARCH LIBRARY	212,255	1931	Library Building	$ 16,234,620
1000403	COOLEY MORTIMER E BUILDING	45,717	1953	Teach, Research, Support	$ 8,044,544
1000053	COUZENS HALL	185,523	1925	Resident Hall	$ 1,948,798
1000498	CRAM PLACE COMMUNITY CENTER	7,298	1958	Residence	$ 46,946,910
1000700	CRISLER CENTER	265,276	1968	Intercollegiate Athletics Bldg	$ 6,300,475
1000189	DANA SAMUEL TRASK BUILDING	117,139	1904	Teach, Research, Support	$ 1,341,566
1005439	DANCE BUILDING	30,426	2020	Teach, Research, Support	$ -
1005289	DAVIDSON WILLIAM PLAYER DEVELOPMENT CENTER	70,705	2011	Intercollegiate Athletics Bldg	$ -

1005491	DEAN ROAD TRANSPORTATION FACILITY	74,018	2022	Administration & Support	$ -
1000447	DOW HERBERT H BUILDING	154,419	1983	Teach, Research, Support	$ 15,091,528
1000396	DUDERSTADT JAMES AND ANNE CENTER	240,256	1996	Teach, Research, Support	$ 12,643,460
1005038	EAST ANN ARBOR AMBULATORY SURGICAL CENTER	49,906	2006	Clinical Delivery System	$ -
1000350	EAST ANN ARBOR HEALTH AND GERIATRICS CENTER	99,932	1996	Clinical Delivery System	$ 5,789,477
1000166	EAST HALL	338,897	1923	Teach, Research, Support	$ 19,090,164
1000306	EAST HOSPITAL MECHANICAL BLDG	8,182	1964	Clinical Delivery System	$ 9,076,195
1000054	EAST QUADRANGLE	333,036	1940	Resident Hall	$ 9,751,582
1000221	EDUCATION SCHOOL OF	215,010	1923	Teach, Research, Support	$ 25,004,798
1008072	EISENHOWER CORPORATE PARK WEST	76,726	1990	Clinical Delivery System	$ 3,539,277
1000448	ELECTRICAL ENGINEERING AND COMPUTER SCIENCE BLD	305,134	1986	Teach, Research, Support	$ 23,562,177
1000435	ENGINEERING RESEARCH BUILDING 1	36,033	1964	Teach, Research, Support	$ 11,082,249
1000436	ENGINEERING RESEARCH BUILDING 2	28,332	1964	Teach, Research, Support	$ 7,046,827
1002505	ENGINEERING RESEARCH SUPPORT BLD	1,432	1997	Teach, Research, Support	$ -
1000414	ENVIRONMENTAL AND WATER RESOURCES ENGINEERING BL	37,129	1975	Teach, Research, Support	$ 6,426,151
1000269	EQUIPMENT MAINTENANCE SHOP	2,151	1914	Administration & Support	$ 91,886
1000800	FACILITIES SERVICES BUILDING A	92,981	1929	Administration & Support	$ 23,115,687
1000801	FACILITIES SERVICES BUILDING B	44,682	1929	Administration & Support	$ 12,426,296
1000802	FACILITIES SERVICES BUILDING C	37,309	1929	Administration & Support	$ 7,971,683
1000706	FERRY FIELD PUMP HOUSE	216	1968	Intercollegiate Athletics Bldg	$ -
1005454	FGRL BLDG 5	4,886		Administration & Support	$ -
1005358	FIELD HOCKEY STADIUM	2,247	2014	Intercollegiate Athletics Bldg	$ -
1005357	FIELD HOCKEY TEAM CENTER	14,683	2014	Intercollegiate Athletics Bldg	$ -
1005359	FIELD HOCKEY TICKET OFFICE	1,977	2014	Intercollegiate Athletics Bldg	$ -
1005387	FIELD HOCKEY TICKET OFFICE WEST	142	2014	Intercollegiate Athletics Bldg	$ -
1000409	FIRE SERV INSTR RES CENTER	21,528	1959	Teach, Research, Support	$ 2,453,004
1000733	FISHER RAY BASEBALL STADIUM	30,275	1950	Intercollegiate Athletics Bldg	$ -
1000055	FLETCHER HALL	17,985	1923	Resident Hall	$ 11,717,705
1000254	FLETCHER ST PARKING STRUCTURE	387,276	1968	Parking Structure	$ -
1005418	FORD MOTOR COMPANY ROBOTICS BUILDING	144,117	2020	Teach, Research, Support	$ -
1000234	FRANCIS THOMAS JR PUBLIC HEALTH	171,543	1971	Teach, Research, Support	$ 20,742,312
1000198	FRANKEL JUDY AND STANLEY DETROIT OBSERVATORY	12,785	1854	Teach, Research, Support	$ 1,299,124
1005109	FRANKEL SAMUEL AND JEAN CARDIOVASCULAR CENTER	414,392	2007	Clinical Delivery System	$ -
1000810	GAS PAD STORAGE BUILDING	1,442	1990	Administration & Support	$ -
1000437	GERSTACKER CARL A BUILDING	61,387	1964	Teach, Research, Support	$ 7,388,033
1005507	GINSBERG EDWARD AND ROSALIE BUILDING*	-		Teach, Research, Support	$ -
1000331	GLEN AVE PARKING STRUCTURE	332,918	1987	Parking Structure	$ 380,216
1005121	GLICK AL FIELD HOUSE	107,253	2009	Intercollegiate Athletics Bldg	$ -
1000747	GOLF COURSE COMFORT STATION A	533	1994	Intercollegiate Athletics Bldg	$ -

1000748	GOLF COURSE COMFORT STATION B	467	1994	Intercollegiate Athletics Bldg	$ -
1000741	GOLF COURSE GARAGE	3,585	1956	Intercollegiate Athletics Bldg	$ -
1005100	GOLF COURSE MAINTENANCE BUILDING	5,555	2007	Intercollegiate Athletics Bldg	$ -
1000749	GOLF COURSE PRACTICE RANGE BLDG	720	1994	Intercollegiate Athletics Bldg	$ -
1000739	GOLF COURSE PUMP HOUSE II	336	1992	Intercollegiate Athletics Bldg	$ -
1000424	GORGUZE FAMILY LABORATORY	29,155	1972	Teach, Research, Support	$ 2,265,657
1005445	HADLEY FAMILY RECREATION AND WELL-BEING CENTER*	-		Recreational Sports Building	$ -
1000201	HARTWIG MARIE DOROTHY ADMINISTRATION BUILDING	14,649	1912	Intercollegiate Athletics Bldg	$ 1,611,801
1000185	HATCHER H NORTH GRADUATE LIBRARY	195,323	1920	Library Building	$ 10,495,378
1000181	HATCHER HARLAN H SOUTH GRADUATE LIBRARY	147,674	1970	Library Building	$ 17,571,469
1000175	HAVEN HALL	123,488	1952	Teach, Research, Support	$ 1,598,634
1005511	HAYWARD STREET GEOTHERMAL FACILITY*	-		Administration & Support	$ -
1000176	HEALTH SERVICE	79,177	1940	Student Services	$ 7,703,827
1000057	HENDERSON MARY BARTRON HOUSE	9,329	1892	Resident Hall	$ 3,404,910
1000177	HILL AUDITORIUM	105,565	1913	Recreational Sports Building	$ 10,834,245
1000253	HILL ST PARKING STRUCTURE	151,175	1970	Parking Structure	$ -
1000804	HOOVER ANNEX	1,905	1929	Administration & Support	$ 131,674
1000805	HOOVER AVE HEATING PLANT	7,121	1929	Administration & Support	$ -
1000179	HUTCHINS HALL	119,856	1933	Teach, Research, Support	$ 14,064,858
1005398	INDOOR TRACK BUILDING	123,539	2018	Intercollegiate Athletics Bldg	$ -
1000703	INDOOR TRAINING CENTER	69,183	1974	Intercollegiate Athletics Bldg	$ 4,088,448
1000429	INDUSTRIAL AND OPERATIONS ENGINEERING BUILDING	50,214	1963	Teach, Research, Support	$ 3,402,258
1000145	INSTITUTE FOR SOCIAL RESEARCH	226,082	1965	Teach, Research, Support	$ 24,079,478
1000814	INSTITUTE OF CONTINUING LEGAL ED	12,592	1987	Teach, Research, Support	$ 1,335,932
1005247	INTERCOLLEGIATE SOCCER STADIUM	17,382	2009	Intercollegiate Athletics Bldg	$ -
1000719	INTRAMURAL SPORTS BUILDING	108,676	1928	Recreational Sports Building	$ 4,755,225
1000434	IST GAS STORAGE BUILDING	200	1964	Teach, Research, Support	$ -
1005235	JEFFRIES HALL	103,128	2011	Teach, Research, Support	$ 1,941,352
1005160	JUNGE FAMILY CHAMPIONS CENTER	11,638	2006	Intercollegiate Athletics Bldg	$ -
1005440	KAHN D DAN AND BETTY HEALTH CARE PAVILION*	-		Clinical Delivery System	$ -
1000732	KEEN CLIFFORD P ARENA	37,261	1956	Intercollegiate Athletics Bldg	$ 4,783,192
1000324	KELLOGG W K EYE CENTER	81,670	1985	TeachResSupport/CDS	$ 8,749,381
1005518	KELLOGG W K FOUNDATION INSTITUTE	77,765	1971	Teach, Research, Support	$ -
1000137	KRESGE HALL	76,731	1985	Teach, Research, Support	$ 2,276,133
1005395	LACROSSE STADIUM	26,467	2018	Intercollegiate Athletics Bldg	$ -
1005396	LACROSSE TICKET BUILDING	238	2018	Intercollegiate Athletics Bldg	$ -
1000183	LANE HALL	39,993	1917	Teach, Research, Support	$ 661,829
1000108	LAWYERS CLUB AND MUNGER CHARLES T RESIDENCES	93,805	1924	Resident Hall	$ 21,898,850
1000400	LAY WALTER E AUTOMOTIVE ENGINEERING LABORATORY	63,286	1955	Teach, Research, Support	$ 12,779,215

1005504	LEINWEBER COMPUTER SCIENCE AND INFORMATION BLDG*	-		Teach, Research, Support	$ -
1000105	LIPSEY STANFORD STUDENT PUBLICATIONS BUILDING	14,829	1932	Recreational Sports Building	$ -
1000150	LITERATURE SCIENCE AND THE ARTS	156,119	1948	Teach, Research, Support	$ 221,601
1000059	LLOYD ALICE CROCKER HALL	176,615	1949	Resident Hall	$ 1,864,850
1000154	LORCH HALL	89,808	1928	Teach, Research, Support	$ 13,161,266
1000406	LURIE ANN AND ROBERT H BIOMEDICAL ENGINEERING BLD	65,028	1957	Teach, Research, Support	$ 2,585,765
1000394	LURIE ANN AND ROBERT H TOWER	11,452	1996	Teach, Research, Support	$ 1,447,272
1000397	LURIE ROBERT H ENGINEERING CTR	53,878	1996	Teach, Research, Support	$ 1,745,833
1000858	MADISON BUILDING	22,318	1883	Administration & Support	$ 782,103
1005419	M-AIR	11,235	2018	Teach, Research, Support	$ -
1000060	MARKLEY MARY BUTLER HALL	285,877	1959	Resident Hall	$ 71,573,434
1000197	MASON HALL	136,044	1952	Teach, Research, Support	$ 6,878,054
1000976	MATT BOT GNDS HOUSE	3,650	1825	Income Properties	$ 17,384
1000986	MATTHAEI BOT GDNS ENVIRONMENT	2,762	1962	Teach, Research, Support	$ 111,479
1000991	MATTHAEI BOT GDNS EXHIB GRN HSE	18,747	1966	Teach, Research, Support	$ 9,406,899
1000983	MATTHAEI BOT GDNS GREENHOUSE #1	6,197	1962	Teach, Research, Support	$ 1,809,304
1000984	MATTHAEI BOT GDNS GREENHOUSE #2	6,344	1960	Teach, Research, Support	$ 1,684,617
1000988	MATTHAEI BOT GDNS GREENHOUSE #3	6,195	1960	Teach, Research, Support	$ 1,741,970
1000989	MATTHAEI BOT GDNS GREENHOUSE #4	2,819	1962	Teach, Research, Support	$ 1,021,105
1000990	MATTHAEI BOT GDNS GREENHOUSE #5	2,817	1962	Teach, Research, Support	$ 1,021,042
1000994	MATTHAEI BOT GDNS INSTR SHELTER	168	1978	Teach, Research, Support	$ -
1000979	MATTHAEI BOT GDNS NORTH BARN #1	4,241	1880	Teach, Research, Support	$ 30,200
1000978	MATTHAEI BOT GDNS NORTH BARN #2	1,212	1870	Teach, Research, Support	$ 24,312
1000992	MATTHAEI BOT GDNS REPTILE HSE	3,205	1969	Teach, Research, Support	$ 78,024
1000982	MATTHAEI BOT GDNS RESEARCH-ADMIN	21,811	1960	Teach, Research, Support	$ 1,033,073
1000987	MATTHAEI BOT GDNS SCREENHOUSE #1	399	1962	Teach, Research, Support	$ 49,369
1000980	MATTHAEI BOT GDNS STORAGE BLDG	1,920	1975	Teach, Research, Support	$ 66,197
1000985	MATTHAEI BOT GDNS SUPT RESIDENCE	2,928	1961	Administration & Support	$ 1,282
1000981	MATTHAEI BOT GDNS UTILITY-BOILER	12,248	1960	Teach, Research, Support	$ 732,201
1005381	MCITY	4,463	2015	Teach, Research, Support	$ -
1002502	MCITY AUXILIARY BUILDING	2,893	1983	Administration & Support	$ -
1005442	MCITY STORAGE	3,305	2019	Teach, Research, Support	$ -
1000300	MED CTR N ENTRANCE PARKING STRUCTURE	340,052	1994	Parking Structure	$ -
1000315	MEDICAL CENTER DR PARKING STRUCT	684,123	1984	Parking Structure	$ -
1000319	MEDICAL PROFESSIONAL BUILDING	37,298	1977	Clinical Delivery System	$ 9,937,851
1000168	MEDICAL SCIENCE AUXILIARY BUILDING	15,591	1963	Teach, Research, Support	$ 3,772,227
1000190	MEDICAL SCIENCE UNIT I	298,955	1958	Teach, Research, Support	$ 58,132,409
1000200	MEDICAL SCIENCE UNIT II	333,599	1969	Teach, Research, Support	$ 33,946,421
1000223	MEDICAL SCIENCES RESEARCH BLDG I	144,713	1985	Teach, Research, Support	$ 13,840,698

1000213	MEDICAL SCIENCES RESEARCH BLDG II	163,852	1989	Teach, Research, Support	$ 17,906,096
1000229	MEDICAL SCIENCES RESEARCH BLDG III	217,818	1994	Teach, Research, Support	$ 18,186,007
1000308	MED-INN	119,437	1952	Clinical Delivery System	$ 20,491,172
1000191	MICHIGAN LEAGUE	130,839	1929	Teach, Research, Support	$ 30,569,520
1000404	MICHIGAN MEMORIAL PHOENIX PROJECT LABORATORY	46,653	1955	Teach, Research, Support	$ 1,940,857
1000222	MICHIGAN NEWS BUILDING	7,811	1955	Administration & Support	$ 3,234,260
1000711	MICHIGAN STADIUM	570,378	1927	Intercollegiate Athletics Bldg	$ -
1005242	MICHIGAN STADIUM NORTH PLAZA BUILDING A	9,029	2009	Intercollegiate Athletics Bldg	$ -
1005243	MICHIGAN STADIUM NORTH PLAZA BUILDING B	9,337	2009	Intercollegiate Athletics Bldg	$ -
1000120	MICHIGAN UNION	262,717	1919	Recreational Sports Building	$ 988,110
1002500	MITCHELL FIELD BUILDING	1,440	1981	Recreational Sports Building	$ 3,824
1005380	MITCHELL FIELD RECREATION BUILDING	3,661	2014	Recreational Sports Building	$ 1,912
1000207	MODERN LANGUAGES BUILDING	135,378	1972	Teach, Research, Support	$ 12,106,283
1005348	MODULAR MRI BUILDING	824	2012	Teach, Research, Support	$ -
1000100	MOLECULAR & BEHAVIORAL NEUROSCIENCE INSTITUTE	49,956	1960	Teach, Research, Support	$ 12,514,523
1000440	MOORE EARL V BLDG	172,639	1964	Teach, Research, Support	$ 14,942,985
1000061	MOSHER ELIZA M HALL AND JORDAN MYRA B HALL	191,152	1930	Resident Hall	$ 4,491,833
1005173	MOTT CHILDRENS VON VOIGTLANDER WOMENS HOSPITALS	1,126,305	2011	Clinical Delivery System	$ -
1005503	MULTI-SPORT SUPPORT BUILDING	2,083	2008	Intercollegiate Athletics Bldg	$ -
1005369	MUNGER GRADUATE RESIDENCES	390,215	2015	Resident Hall	$ 1,637,017
1000415	NAVAL ARCHITECTURE AND MARINE ENGINEERING	28,207	1962	Teach, Research, Support	$ 6,119,840
1005205	NC GROUNDS GARAGE 1	1,692	2007	Administration & Support	$ 4,015
1000220	NC GROUNDS STORAGE BUILDING # 1	3,373	1953	Administration & Support	$ 431,028
1005111	NC GROUNDS STORAGE BUILDING # 2	2,008	1987	Administration & Support	$ 6,692
1005116	NC GROUNDS STORAGE BUILDING # 3	2,008	1987	Administration & Support	$ 12,429
1005131	NC STORAGE BUILDING #4	4,792	2003	Administration & Support	$ 5,736
1005517	NEAL HOMER A LABORATORY	128,033	1995	Teach, Research, Support	$ -
1005492	NEW PHARMACY BUILDING*	-		Teach, Research, Support	$ -
1000178	NEWBERRY HALL	40,574	1891	Teach, Research, Support	$ 3,675,417
1000062	NEWBERRY HELEN H RESIDENCE	31,304	1915	Resident Hall	$ 14,601,896
1000007	NICHOLS ARBORETUM GAR WORKSHOP	1,354	1963	Teach, Research, Support	$ 24,871
1000005	NICHOLS ARBORETUM RESIDENCE	2,259	1908	Teach, Research, Support	$ 384,623
1000006	NICHOLS ARBORETUM STORAGE SHED	308	1908	Teach, Research, Support	$ 79,787
1000399	NORTH CAMPUS ADMINISTRATIVE COMPLEX	129,114	1987	Clinical Delivery System	$ 4,534,962
1005223	NORTH CAMPUS AUXILIARY SUPPORT BUILDING	54,428	2009	AdminSupport/CDS	$ 1,905,435
1005018	NORTH CAMPUS CHILDRENS CENTER	14,426	1999	Teach, Research, Support	$ 711,873
1005139	NORTH CAMPUS CHILLER PLANT	17,758	2005	Administration & Support	$ 4,382,501
1002506	NORTH CAMPUS FACILITIES SERVICES BUILDING	48,588	1999	Administration & Support	$ 33,462
1002514	NORTH CAMPUS GROUND SVC FACILITY	28,246	1990	Administration & Support	$ 1,558,588

1005140	NORTH CAMPUS GROUND SVC FACILITY ANNEX	112	2003	Administration & Support	$ 5,736
1005297	NORTH CAMPUS GROUNDS STORAGE SHED	256	2009	Administration & Support	$ -
1000449	NORTH CAMPUS HOUSING SERVICE BLD	31,855	1978	Administration & Support	$ 1,436,022
1002517	NORTH CAMPUS MICROWAVE TOWER	279	1991	Administration & Support	$ -
1000427	NORTH CAMPUS RECREATION BUILDING	67,512	1976	Recreational Sports Building	$ 710,054
1005253	NORTH CAMPUS RESEARCH COMPLEX BUILDING 10	66,940	1959	Teach, Research, Support	$ 13,016,912
1005276	NORTH CAMPUS RESEARCH COMPLEX BUILDING 100	10,492	1964	Teach, Research, Support	$ 2,165,134
1005254	NORTH CAMPUS RESEARCH COMPLEX BUILDING 14	53,718	1987	Teach, Research, Support	$ 9,187,172
1005255	NORTH CAMPUS RESEARCH COMPLEX BUILDING 15	4,623	1959	Administration & Support	$ 461,086
1005256	NORTH CAMPUS RESEARCH COMPLEX BUILDING 16	121,832	1991	Teach, Research, Support	$ 8,234,822
1005258	NORTH CAMPUS RESEARCH COMPLEX BUILDING 18	92,400	2000	Teach, Research, Support	$ 3,939,071
1005259	NORTH CAMPUS RESEARCH COMPLEX BUILDING 20	182,996	1959	Teach, Research, Support	$ 20,188,496
1005277	NORTH CAMPUS RESEARCH COMPLEX BUILDING 200	26,648	1964	Teach, Research, Support	$ 3,196,456
1005260	NORTH CAMPUS RESEARCH COMPLEX BUILDING 22	21,270	1999	Teach, Research, Support	$ 3,772,398
1005261	NORTH CAMPUS RESEARCH COMPLEX BUILDING 23	10,517	2002	Teach, Research, Support	$ 153,431
1005262	NORTH CAMPUS RESEARCH COMPLEX BUILDING 25	103,906	1984	Teach, Research, Support	$ 31,361,742
1005263	NORTH CAMPUS RESEARCH COMPLEX BUILDING 26	192,689	2000	Teach, Research, Support	$ 8,288,954
1005264	NORTH CAMPUS RESEARCH COMPLEX BUILDING 28	131,476	1992	Teach, Research, Support	$ 34,865,749
1005265	NORTH CAMPUS RESEARCH COMPLEX BUILDING 30	34,632	1965	Teach, Research, Support	$ 11,177,661
1005278	NORTH CAMPUS RESEARCH COMPLEX BUILDING 300	39,513	1964	Teach, Research, Support	$ 4,546,639
1005432	NORTH CAMPUS RESEARCH COMPLEX BUILDING 32	6,958	1992	Teach, Research, Support	$ 29,867
1005266	NORTH CAMPUS RESEARCH COMPLEX BUILDING 35	93,162	1985	Teach, Research, Support	$ 66,922,809
1005267	NORTH CAMPUS RESEARCH COMPLEX BUILDING 36	116,857	2006	Teach, Research, Support	$ 4,713,726
1005279	NORTH CAMPUS RESEARCH COMPLEX BUILDING 400	27,571	1982	Teach, Research, Support	$ 3,416,347
1005280	NORTH CAMPUS RESEARCH COMPLEX BUILDING 500	14,775	1998	Administration & Support	$ -
1005281	NORTH CAMPUS RESEARCH COMPLEX BUILDING 520	199,850	1998	Teach, Research, Support	$ 11,146,360
1005282	NORTH CAMPUS RESEARCH COMPLEX BUILDING 550	236,634	1998	Teach, Research, Support	$ 5,279,057
1005270	NORTH CAMPUS RESEARCH COMPLEX BUILDING 60	25,380	1983	Teach, Research, Support	$ 5,742,523
1005271	NORTH CAMPUS RESEARCH COMPLEX BUILDING 70	773	1959	Teach, Research, Support	$ 63,841
1005272	NORTH CAMPUS RESEARCH COMPLEX BUILDING 73	231,655	1991	Parking Structure	$ 718,847
1005273	NORTH CAMPUS RESEARCH COMPLEX BUILDING 80	52,404	1959	Administration & Support	$ 18,307,000
1005283	NORTH CAMPUS RESEARCH COMPLEX BUILDING 800	20,250	2001	Administration & Support	$ 1,338,691
1005274	NORTH CAMPUS RESEARCH COMPLEX BUILDING 85	5,132	2005	Administration & Support	$ 432,644
1005275	NORTH CAMPUS RESEARCH COMPLEX BUILDING 90	35,767	1999	Teach, Research, Support	$ 2,734,004
1000418	NORTH CAMPUS SERVICE BLDG #1	23,191	1965	Administration & Support	$ 1,297,171
1000430	NORTH CAMPUS STORAGE BUILDING	45,750	1967	Administration & Support	$ 2,655,755
1005334	NORTH CAMPUS SUPPORT FACILITY	2,529	2011	Administration & Support	$ -
1005177	NORTH QUADRANGLE RESIDENTIAL AND ACADEMIC COMPLEX	388,563	2010	Resident Hall	$ 8,206,506
1000600	NORTHWOOD COMMUNITY CENTER	13,744	1991	Recreational Sports Building	$ 1,262,048

1000451	NORTHWOOD I APTS 451	11,744	1955	Residence	$	56,132
1000452	NORTHWOOD I APTS 452	5,312	1955	Residence	$	-
1000453	NORTHWOOD I APTS 453	14,412	1955	Residence	$	-
1000454	NORTHWOOD I APTS 454	14,412	1955	Residence	$	21,892
1000455	NORTHWOOD I APTS 455	5,312	1955	Residence	$	-
1000456	NORTHWOOD I APTS 456	11,744	1955	Residence	$	5,590
1000450	NORTHWOOD I SVC BUILDING 450	3,168	1955	Residence	$	24,466,718
1000462	NORTHWOOD II APTS 462	4,246	1957	Residence	$	4,650
1000464	NORTHWOOD II APTS 464	5,645	1957	Residence	$	-
1000465	NORTHWOOD II APTS 465	5,645	1957	Residence	$	35,984
1000466	NORTHWOOD II APTS 466	4,246	1957	Residence	$	-
1000467	NORTHWOOD II APTS 467	4,246	1957	Residence	$	-
1000468	NORTHWOOD II APTS 468	4,246	1957	Residence	$	-
1000469	NORTHWOOD II APTS 469	12,405	1957	Residence	$	-
1000470	NORTHWOOD II APTS 470	5,645	1957	Residence	$	3,448
1000471	NORTHWOOD II APTS 471	5,645	1957	Residence	$	-
1000472	NORTHWOOD II APTS 472	5,645	1957	Residence	$	-
1000473	NORTHWOOD II APTS 473	12,405	1957	Residence	$	-
1000474	NORTHWOOD II APTS 474	3,738	1957	Residence	$	-
1000475	NORTHWOOD II APTS 475	3,738	1957	Residence	$	-
1000476	NORTHWOOD II APTS 476	3,738	1957	Residence	$	-
1000477	NORTHWOOD II APTS 477	3,738	1957	Residence	$	-
1000478	NORTHWOOD II APTS 478	3,738	1957	Residence	$	-
1000479	NORTHWOOD II APTS 479	5,645	1957	Residence	$	-
1000480	NORTHWOOD II APTS 480	5,645	1957	Residence	$	-
1000481	NORTHWOOD II APTS 481	5,645	1957	Residence	$	-
1000482	NORTHWOOD II APTS 482	3,738	1957	Residence	$	-
1000483	NORTHWOOD II APTS 483	3,738	1957	Residence	$	-
1000484	NORTHWOOD II APTS 484	3,738	1957	Residence	$	-
1000485	NORTHWOOD II APTS 485	3,738	1957	Residence	$	-
1000486	NORTHWOOD II APTS 486	3,738	1957	Residence	$	-
1000487	NORTHWOOD II APTS 487	3,738	1957	Residence	$	-
1000488	NORTHWOOD II APTS 488	3,738	1957	Residence	$	-
1000489	NORTHWOOD II APTS 489	3,738	1957	Residence	$	-
1000490	NORTHWOOD II APTS 490	3,738	1957	Residence	$	-
1000491	NORTHWOOD II APTS 491	3,738	1957	Residence	$	-
1000492	NORTHWOOD II APTS 492	3,738	1957	Residence	$	-
1000493	NORTHWOOD II APTS 493	3,738	1957	Residence	$	-
1000494	NORTHWOOD II APTS 494	3,738	1957	Residence	$	-

1000495	NORTHWOOD II APTS 495	3,738	1957	Residence	$ -
1000496	NORTHWOOD II APTS 496	3,738	1957	Residence	$ -
1000497	NORTHWOOD II APTS 497	3,738	1957	Residence	$ -
1000457	NORTHWOOD II SVC BUILDING 457	5,400	1957	Residence	$ 53,816,429
1000458	NORTHWOOD II SVC BUILDING 458	2,760	1957	Residence	$ -
1000459	NORTHWOOD II SVC BUILDING 459	2,879	1957	Residence	$ -
1000460	NORTHWOOD II SVC BUILDING 460	5,270	1957	Residence	$ -
1000461	NORTHWOOD II SVC BUILDING 461	2,879	1957	Residence	$ -
1000499	NORTHWOOD III SVC BUILDING 499	2,471	1958	Residence	$ -
1000500	NORTHWOOD III SVC BUILDING 500	2,471	1958	Residence	$ -
1000601	NORTHWOOD IV APTS 601	8,029	1969	Residence	$ 97,559,325
1000602	NORTHWOOD IV APTS 602	4,061	1969	Residence	$ -
1000603	NORTHWOOD IV APTS 603	3,066	1969	Residence	$ -
1000604	NORTHWOOD IV APTS 604	4,899	1969	Residence	$ -
1000605	NORTHWOOD IV APTS 605	10,708	1969	Residence	$ -
1000606	NORTHWOOD IV APTS 606	3,117	1969	Residence	$ -
1000607	NORTHWOOD IV APTS 607	6,763	1969	Residence	$ -
1000608	NORTHWOOD IV APTS 608	5,425	1969	Residence	$ -
1000609	NORTHWOOD IV APTS 609	5,425	1969	Residence	$ -
1000610	NORTHWOOD IV APTS 610	4,123	1969	Residence	$ -
1000611	NORTHWOOD IV APTS 611	7,181	1969	Residence	$ -
1000612	NORTHWOOD IV APTS 612	6,726	1969	Residence	$ -
1000613	NORTHWOOD IV APTS 613	4,442	1969	Residence	$ -
1000614	NORTHWOOD IV APTS 614	5,399	1969	Residence	$ -
1000615	NORTHWOOD IV APTS 615	3,159	1969	Residence	$ -
1000616	NORTHWOOD IV APTS 616	10,707	1969	Residence	$ -
1000617	NORTHWOOD IV APTS 617	7,967	1969	Residence	$ -
1000618	NORTHWOOD IV APTS 618	7,082	1969	Residence	$ -
1000619	NORTHWOOD IV APTS 619	6,727	1969	Residence	$ -
1000620	NORTHWOOD IV APTS 620	6,727	1969	Residence	$ -
1000621	NORTHWOOD IV APTS 621	3,117	1969	Residence	$ -
1000622	NORTHWOOD IV APTS 622	5,876	1969	Residence	$ -
1000623	NORTHWOOD IV APTS 623	8,065	1969	Residence	$ -
1000624	NORTHWOOD IV APTS 624	6,727	1969	Residence	$ -
1000625	NORTHWOOD IV APTS 625	4,061	1969	Residence	$ -
1000626	NORTHWOOD IV APTS 626	5,741	1969	Residence	$ -
1000627	NORTHWOOD IV APTS 627	3,117	1969	Residence	$ -
1000628	NORTHWOOD IV APTS 628	5,425	1969	Residence	$ -
1000629	NORTHWOOD IV APTS 629	5,425	1969	Residence	$ -

1000630	NORTHWOOD IV APTS 630	11,534	1969	Residence	$ -
1000631	NORTHWOOD IV APTS 631	4,442	1969	Residence	$ -
1000632	NORTHWOOD IV APTS 632	2,821	1969	Residence	$ -
1000633	NORTHWOOD IV APTS 633	6,727	1969	Residence	$ -
1000634	NORTHWOOD IV APTS 634	4,123	1969	Residence	$ -
1000635	NORTHWOOD IV APTS 635	4,123	1969	Residence	$ -
1000636	NORTHWOOD IV APTS 636	3,159	1969	Residence	$ -
1000637	NORTHWOOD IV APTS 637	7,034	1969	Residence	$ -
1000638	NORTHWOOD IV APTS 638	5,775	1969	Residence	$ -
1000639	NORTHWOOD IV APTS 639	8,029	1969	Residence	$ -
1000640	NORTHWOOD IV APTS 640	5,425	1969	Residence	$ -
1000641	NORTHWOOD IV APTS 641	4,478	1969	Residence	$ -
1000642	NORTHWOOD IV APTS 642	4,061	1969	Residence	$ -
1000643	NORTHWOOD IV APTS 643	5,363	1969	Residence	$ -
1000644	NORTHWOOD IV APTS 644	8,348	1969	Residence	$ -
1000645	NORTHWOOD IV APTS 645	6,279	1969	Residence	$ -
1000646	NORTHWOOD IV APTS 646	5,425	1969	Residence	$ -
1000647	NORTHWOOD IV APTS 647	4,123	1969	Residence	$ -
1000648	NORTHWOOD IV APTS 648	3,159	1969	Residence	$ -
1000649	NORTHWOOD IV APTS 649	4,442	1969	Residence	$ -
1000650	NORTHWOOD IV APTS 650	4,123	1969	Residence	$ -
1000651	NORTHWOOD IV APTS 651	5,425	1969	Residence	$ -
1000652	NORTHWOOD IV APTS 652	6,701	1969	Residence	$ -
1000653	NORTHWOOD IV APTS 653	4,442	1969	Residence	$ -
1000654	NORTHWOOD IV APTS 654	5,425	1969	Residence	$ -
1000655	NORTHWOOD IV APTS 655	11,099	1969	Residence	$ -
1000656	NORTHWOOD IV APTS 656	10,080	1969	Residence	$ -
1000657	NORTHWOOD IV APTS 657	6,727	1969	Residence	$ -
1000658	NORTHWOOD IV APTS 658	8,480	1969	Residence	$ -
1000659	NORTHWOOD IV APTS 659	9,269	1969	Residence	$ -
1000660	NORTHWOOD IV APTS 660	8,348	1969	Residence	$ -
1000661	NORTHWOOD IV APTS 661	5,744	1969	Residence	$ -
1000662	NORTHWOOD IV APTS 662	3,159	1969	Residence	$ -
1000663	NORTHWOOD IV APTS 663	9,650	1969	Residence	$ -
1000664	NORTHWOOD IV APTS 664	8,348	1969	Residence	$ -
1000665	NORTHWOOD IV APTS 665	3,159	1969	Residence	$ -
1000666	NORTHWOOD IV APTS 666	4,442	1969	Residence	$ -
1000667	NORTHWOOD IV APTS 667	6,665	1969	Residence	$ -
1000668	NORTHWOOD IV APTS 668	9,331	1969	Residence	$ -

1000669	NORTHWOOD IV APTS 669	8,348	1969	Residence	$ -
1000670	NORTHWOOD IV APTS 670	7,095	1969	Residence	$ -
1000671	NORTHWOOD IV APTS 671	10,858	1969	Residence	$ -
1000672	NORTHWOOD IV APTS 672	5,425	1969	Residence	$ -
1000673	NORTHWOOD IV APTS 673	9,779	1969	Residence	$ -
1000674	NORTHWOOD IV APTS 674	8,029	1969	Residence	$ -
1000675	NORTHWOOD IV APTS 675	10,679	1969	Residence	$ -
1000676	NORTHWOOD IV APTS 676	6,727	1969	Residence	$ -
1000677	NORTHWOOD IV APTS 677	8,104	1969	Residence	$ -
1000678	NORTHWOOD IV APTS 678	7,046	1969	Residence	$ -
1000679	NORTHWOOD IV APTS 679	3,159	1969	Residence	$ -
1000680	NORTHWOOD IV APTS 680	7,967	1969	Residence	$ -
1000681	NORTHWOOD IV APTS 681	8,348	1969	Residence	$ -
1000682	NORTHWOOD IV APTS 682	11,045	1969	Residence	$ -
1000683	NORTHWOOD IV APTS 683	6,727	1969	Residence	$ -
1000684	NORTHWOOD IV APTS 684	1,479	1996	Residence	$ -
1002701	NORTHWOOD V APTS 2701	5,603	1972	Residence	$ 93,436,886
1002702	NORTHWOOD V APTS 2702	10,695	1972	Residence	$ -
1002703	NORTHWOOD V APTS 2703	9,393	1972	Residence	$ -
1002704	NORTHWOOD V APTS 2704	5,603	1972	Residence	$ -
1002705	NORTHWOOD V APTS 2705	9,393	1972	Residence	$ 183
1002706	NORTHWOOD V APTS 2706	9,393	1972	Residence	$ -
1002707	NORTHWOOD V APTS 2707	5,603	1972	Residence	$ -
1002708	NORTHWOOD V APTS 2708	8,091	1972	Residence	$ -
1002709	NORTHWOOD V APTS 2709	6,218	1972	Residence	$ -
1002710	NORTHWOOD V APTS 2710	9,393	1972	Residence	$ -
1002711	NORTHWOOD V APTS 2711	8,091	1972	Residence	$ -
1002712	NORTHWOOD V APTS 2712	6,789	1972	Residence	$ -
1002713	NORTHWOOD V APTS 2713	5,603	1972	Residence	$ -
1002714	NORTHWOOD V APTS 2714	6,789	1972	Residence	$ -
1002715	NORTHWOOD V APTS 2715	5,603	1972	Residence	$ -
1002716	NORTHWOOD V APTS 2716	8,091	1972	Residence	$ -
1002717	NORTHWOOD V APTS 2717	6,218	1972	Residence	$ -
1002718	NORTHWOOD V APTS 2718	6,218	1972	Residence	$ -
1002719	NORTHWOOD V APTS 2719	5,603	1972	Residence	$ -
1002720	NORTHWOOD V APTS 2720	5,603	1972	Residence	$ -
1002721	NORTHWOOD V APTS 2721	5,603	1972	Residence	$ -
1002722	NORTHWOOD V APTS 2722	9,393	1972	Residence	$ -
1002723	NORTHWOOD V APTS 2723	5,603	1972	Residence	$ -

1002724	NORTHWOOD V APTS 2724	6,789	1972	Residence	$	-
1002725	NORTHWOOD V APTS 2725	6,789	1972	Residence	$	-
1002726	NORTHWOOD V APTS 2726	6,218	1972	Residence	$	-
1002727	NORTHWOOD V APTS 2727	6,218	1972	Residence	$	-
1002728	NORTHWOOD V APTS 2728	5,603	1972	Residence	$	-
1002729	NORTHWOOD V APTS 2729	6,789	1972	Residence	$	-
1002730	NORTHWOOD V APTS 2730	5,603	1972	Residence	$	-
1002731	NORTHWOOD V APTS 2731	6,789	1972	Residence	$	-
1002732	NORTHWOOD V APTS 2732	8,091	1972	Residence	$	-
1002733	NORTHWOOD V APTS 2733	9,393	1972	Residence	$	-
1002734	NORTHWOOD V APTS 2734	8,091	1972	Residence	$	-
1002735	NORTHWOOD V APTS 2735	5,603	1972	Residence	$	-
1002736	NORTHWOOD V APTS 2736	5,603	1972	Residence	$	-
1002737	NORTHWOOD V APTS 2737	6,218	1972	Residence	$	-
1002738	NORTHWOOD V APTS 2738	5,603	1972	Residence	$	266
1002739	NORTHWOOD V APTS 2739	6,789	1972	Residence	$	-
1002740	NORTHWOOD V APTS 2740	8,091	1972	Residence	$	-
1002741	NORTHWOOD V APTS 2741	8,091	1972	Residence	$	-
1002742	NORTHWOOD V APTS 2742	9,393	1972	Residence	$	-
1002743	NORTHWOOD V APTS 2743	5,603	1972	Residence	$	-
1002744	NORTHWOOD V APTS 2744	8,091	1972	Residence	$	-
1002745	NORTHWOOD V APTS 2745	9,393	1972	Residence	$	-
1002746	NORTHWOOD V APTS 2746	5,603	1972	Residence	$	-
1002747	NORTHWOOD V APTS 2747	5,603	1972	Residence	$	-
1002748	NORTHWOOD V APTS 2748	5,603	1972	Residence	$	-
1002749	NORTHWOOD V APTS 2749	6,789	1972	Residence	$	-
1002750	NORTHWOOD V APTS 2750	6,789	1972	Residence	$	-
1002751	NORTHWOOD V APTS 2751	5,603	1972	Residence	$	-
1002752	NORTHWOOD V APTS 2752	8,091	1972	Residence	$	-
1002753	NORTHWOOD V APTS 2753	5,603	1972	Residence	$	-
1002754	NORTHWOOD V APTS 2754	6,789	1972	Residence	$	-
1002755	NORTHWOOD V APTS 2755	5,603	1972	Residence	$	-
1002756	NORTHWOOD V APTS 2756	9,393	1972	Residence	$	-
1002757	NORTHWOOD V APTS 2757	5,603	1972	Residence	$	-
1002758	NORTHWOOD V APTS 2758	9,393	1972	Residence	$	-
1002759	NORTHWOOD V APTS 2759	9,393	1972	Residence	$	-
1002760	NORTHWOOD V APTS 2760	5,603	1972	Residence	$	-
1002761	NORTHWOOD V APTS 2761	5,603	1972	Residence	$	-
1002762	NORTHWOOD V APTS 2762	9,393	1972	Residence	$	-

1002763	NORTHWOOD V APTS 2763	5,603	1972	Residence	$ -
1002764	NORTHWOOD V APTS 2764	6,789	1972	Residence	$ -
1002765	NORTHWOOD V APTS 2765	6,789	1972	Residence	$ -
1002766	NORTHWOOD V APTS 2766	6,218	1972	Residence	$ -
1002767	NORTHWOOD V APTS 2767	5,603	1972	Residence	$ -
1002768	NORTHWOOD V APTS 2768	6,789	1972	Residence	$ -
1002769	NORTHWOOD V APTS 2769	6,789	1972	Residence	$ -
1002770	NORTHWOOD V APTS 2770	8,091	1972	Residence	$ -
1002771	NORTHWOOD V APTS 2771	6,218	1972	Residence	$ -
1002772	NORTHWOOD V APTS 2772	9,279	1972	Residence	$ -
1002773	NORTHWOOD V APTS 2773	9,279	1972	Residence	$ -
1002774	NORTHWOOD V APTS 2774	9,279	1972	Residence	$ -
1002775	NORTHWOOD V APTS 2775	6,218	1972	Residence	$ 1,672
1002776	NORTHWOOD V APTS 2776	9,279	1972	Residence	$ 2,288
1002777	NORTHWOOD V APTS 2777	6,218	1972	Residence	$ -
1002778	NORTHWOOD V APTS 2778	6,218	1972	Residence	$ -
1002779	NORTHWOOD V APTS 2779	9,279	1972	Residence	$ 15,620
1000405	NUCLEAR ENGINEERING LABORATORIES	20,565	1955	Teach, Research, Support	$ 710,054
1000851	OBSERVATORY HALL	30,964	1930	Teach, Research, Support	$ 6,884
1000042	OH CHEEVER ADELIA RESIDENCE	9,413	1964	Resident Hall	$ -
1000044	OH EMANUEL JULIA ESTHER RESIDENCE	8,984	1964	Resident Hall	$ -
1000043	OH GEDDES RESIDENCE	11,204	1964	Resident Hall	$ -
1000040	OH GODDARD MARY ALICE AND LILLIAN HALL	21,995	1964	Resident Hall	$ 38,768,659
1000045	OH NOBLE PAMELA RESIDENCE	9,413	1964	Resident Hall	$ -
1000047	OH PLANT SERVICE	3,341	1964	Administration & Support	$ -
1000046	OH SEELEY LAUREL HARPER HALL	36,375	1964	Resident Hall	$ -
1000041	OH VANDENBERG ARTHUR AND HAZEL HALL	20,117	1964	Resident Hall	$ -
1000704	OOSTERBAAN BENNIE FIELD HOUSE	89,001	1981	Intercollegiate Athletics Bldg	$ 965,350
1005047	PALMER COMMONS	106,471	2005	Teach, Research, Support	$ 4,800,516
1000263	PALMER DRIVE PARKING STRUCTURE	391,303	2004	Parking Structure	$ 730,234
1005510	PALMER FIELD TEMPORARY RECREATION FACILITY	23,854	2022	Recreational Sports Building	$ -
1005399	PERFORMANCE CENTER	147,863	2018	Intercollegiate Athletics Bldg	$ -
1000890	PERRY BUILDING	117,904	1902	Teach, Research, Support	$ 984,787
1000807	PHYSICAL PROPERTIES BUILDING	7,183	1920	Administration & Support	$ 785,476
1000442	PIERPONT WILBUR K COMMONS	90,488	1965	Recreational Sports Building	$ 12,133,988
1008050	PLANT STORAGE BUILDING #1	3,087	1987	Administration & Support	$ -
1008051	PLANT STORAGE BUILDING #2	2,577	1987	Administration & Support	$ -
1008052	PLANT STORAGE BUILDING #3	2,577	1987	Administration & Support	$ -
1005385	POSTMA RICHARD L FAMILY CLUBHOUSE	25,268	2017	Intercollegiate Athletics Bldg	$ -

1000180	POWER CENTER FOR PERFORMING ARTS	73,088	1971	Teach, Research, Support	$ 5,672,695
1000203	PRESIDENTS RESIDENCE	14,705	1840	Administration & Support	$ 1,261,165
1000172	RACKHAM HORACE H SCHOOL OF GRADUATE STUDIES	157,957	1938	Teach, Research, Support	$ 6,077,903
1000416	RADIATION SCIENCES LABORATORY 1	7,708	1962	Teach, Research, Support	$ 627,556
1000417	RADIATION SCIENCES LABORATORY 2	10,660	1962	Teach, Research, Support	$ 521,439
1000972	RADRICK FARMS BARN #1	4,902	1962	Administration & Support	$ -
1000955	RADRICK FARMS CARETAKERS HOUSE	2,874	1962	Administration & Support	$ -
1000958	RADRICK FARMS CHICKEN HOUSE	200	1962	Administration & Support	$ -
1000970	RADRICK FARMS COMFORT STATION	251	1987	Administration & Support	$ -
1005331	RADRICK FARMS COMFORT STATION #2	253	1987	Administration & Support	$ -
1000959	RADRICK FARMS CORNCRIB #1	105	1962	Administration & Support	$ -
1000918	RADRICK FARMS DRIVE RANGE SHELT	128	1989	Administration & Support	$ -
1000962	RADRICK FARMS FIRE BARN	792	1962	Administration & Support	$ -
1000960	RADRICK FARMS FOOD SERVICE BLDG	408	1995	Administration & Support	$ -
1000974	RADRICK FARMS GOLF CART BUILDING	2,909	1976	Administration & Support	$ -
1000963	RADRICK FARMS GOLF CLUBHOUSE	10,725	1940	Administration & Support	$ -
1000971	RADRICK FARMS GOLF STORAGE BLDG	6,458	1966	Administration & Support	$ -
1000954	RADRICK FARMS PUMP HOUSE	168	1976	Administration & Support	$ -
1000956	RADRICK FARMS SHED-GARAGE	2,370	1962	Administration & Support	$ -
1005048	RADRICK FARMS STORAGE	4,055	2003	Administration & Support	$ 5,545
1000957	RADRICK FARMS TACKROOM-BARN	2,855	1962	Administration & Support	$ -
1000953	RADRICK RECREATION FACILITY	2,459	1994	Recreational Sports Building	$ 6,692
1000208	RANDALL HARRISON M LABORATORY	88,574	1924	Teach, Research, Support	$ 8,074,340
1000812	RESEARCH MUSEUMS CENTER	153,375	1969	Teach, Research, Support	$ 4,044,997
1005426	REVELLI TEMPORARY STORAGE BUILDING	475	2018	Teach, Research, Support	$ -
1000813	REVELLI WILLIAM D BAND REHEARSAL HALL	15,620	1973	Teach, Research, Support	$ 2,769,844
1000301	ROGEL CANCER CENTER	278,072	1997	TeachResSupport/CDS	$ 45,942,459
1005188	ROSS SCHOOL OF BUSINESS BUILDING	292,008	2009	Teach, Research, Support	$ 98,650
1005120	ROSS STEPHEN M ACADEMIC CENTER	45,356	2006	Teach, Research, Support	$ -
1000193	RUTHVEN ALEXANDER G BUILDING	152,530	1928	Administration & Support	$ -
1003542	SAGINAW FOREST GARAGE	682	1903	Teach, Research, Support	$ -
1003541	SAGINAW FOREST RESIDENCE	567	1903	Teach, Research, Support	$ 76,810
1000268	SALT STORAGE BUILDING	2,385	1984	Administration & Support	$ 93,800
1000705	SCHEMBECHLER GLENN E HALL	91,057	1971	Intercollegiate Athletics Bldg	$ 1,150,204
1000162	SCHOOL OF DENTISTRY BUILDING	350,983	1940	Teach, Research, Support	$ 33,573,772
1000420	SCHOOL OF INFORMATION NORTH	30,930	1971	Teach, Research, Support	$ 7,028,006
1000211	SCHOOL OF KINESIOLOGY BUILDING	228,460	1915	Teach, Research, Support	$ 24,116
1000333	SCHOOL OF NURSING BUILDING 1	141,977	1913	Teach, Research, Support	$ 23,699,682
1005347	SCHOOL OF NURSING BUILDING 2	80,301	2015	Teach, Research, Support	$ 29,398

1000219	SCHOOL OF SOCIAL WORK BUILDING	143,675	1997	Teach, Research, Support	$ 5,130,156
1000999	SEISMOGRAPH STATION	576	1963	Teach, Research, Support	$ -
1000227	SHAPIRO HAROLD T AND VIVIAN B LIBRARY	175,894	1957	Library Building	$ 12,180,041
1000944	SHEEP RESEARCH FAC EAST BARN	2,016	1983	Teach, Research, Support	$ -
1005406	SHEEP RESEARCH FAC HOOP BARN	2,038	2002	Teach, Research, Support	$ -
1000942	SHEEP RESEARCH FAC PORTAL VISTA	3,744	1993	Teach, Research, Support	$ -
1000943	SHEEP RESEARCH FAC SQUARE DOME	1,280	1985	Teach, Research, Support	$ -
1005405	SHEEP RESEARCH FAC TRACTOR SHED	680	1994	Teach, Research, Support	$ -
1000947	SHEEP RESEARCH FACILITY HAY BARN	280	1976	Teach, Research, Support	$ -
1000973	SHEEP RESEARCH FACILITY OLD BARN	1,153	1962	Teach, Research, Support	$ 12,429
1000946	SHEEP RESEARCH FACILITY P BARN 1	4,575	1976	Teach, Research, Support	$ -
1005349	SHEPHERD DONALD R SOFTBALL CENTER	10,500	2014	Intercollegiate Athletics Bldg	$ -
1005077	SHEPHERD DONALD R WOMENS GYMNASTIC CENTER	22,837	2002	Intercollegiate Athletics Bldg	$ -
1000320	SIMPSON CIRCLE PARKING STRUCTURE	467,374	1968	Parking Structure	$ 99,279
1000212	SIMPSON THOMAS H MEMORIAL INST MEDICAL RESEARCH	17,769	1927	Teach, Research, Support	$ 7,704,895
1005401	SOCCER TICKET BUILDING	238	2015	Intercollegiate Athletics Bldg	$ -
1000063	SOUTH QUADRANGLE	371,519	1951	Resident Hall	$ 98,620,975
1000714	STADIUM PUMPING STATION	6,746	1927	Intercollegiate Athletics Bldg	$ -
1005224	STAMPS AUDITORIUM	13,488	2008	Teach, Research, Support	$ -
1000445	STEARNS FREDERICK BUILDING	18,261	1955	Teach, Research, Support	$ 2,449,454
1000064	STOCKWELL MADELON LOUISA HALL	145,204	1940	Resident Hall	$ 1,158,876
1000215	STUDENT ACTIVITIES	119,626	1957	Student Services	$ 9,838,917
1000216	TAPPAN HALL	37,576	1894	Teach, Research, Support	$ 2,793,043
1005037	TAUBMAN A ALFRED BIOMEDICAL SCIENCE RESEARCH BLDG	593,717	2006	Teach, Research, Support	$ 10,237,140
1000317	TAUBMAN A ALFRED HEALTH CARE CTR	405,003	1986	Clinical Delivery System	$ 44,098,740
1000209	TAUBMAN A ALFRED HEALTH SCIENCES LIBRARY	143,973	1980	Library Building	$ 726,870
1008600	TELCOM MICROWAVE BLDG	100	1996	Administration & Support	$ -
1002515	TELECOMMUNICATIONS BLDG I	311	1985	Administration & Support	$ -
1000259	THAYER ST PARKING STRUCTURE	164,936	1962	Parking Structure	$ -
1000255	THOMPSON ST PARKING STRUCTURE	365,996	1963	Parking Structure	$ -
1000738	TISCH PRESTON ROBERT TENNIS BLD	89,026	1997	Intercollegiate Athletics Bldg	$ -
1000313	TOWSLEY CENTER FOR CONTINUING MEDICAL EDUCATION	52,332	1969	Teach, Research, Support	$ 9,771,904
1005240	TOWSLEY CHILDRENS HOUSE	25,428	2010	Teach, Research, Support	$ 394,657
1005400	TRACK AND FIELD AUXILIARY BUILDING	2,325	2018	Intercollegiate Athletics Bldg	$ -
1005397	TRACK AND FIELD STADIUM	512	2018	Intercollegiate Athletics Bldg	$ -
1000808	TRANSPORTATION SERVICES BUILDING	40,633	1964	Administration & Support	$ 2,617,838
1005413	TROTTER WILLIAM MONROE MULTICULTURAL CENTER	20,719	2019	Student Services	$ -
1002519	UM TRANS RES FLAMMABLE STOR BLDG	192	1996	Teach, Research, Support	$ -
1000444	U-M TRANSPORTATION RESEARCH INST	77,883	1969	Teach, Research, Support	$ 13,534,368

1005338	UM TRANSPORTATION RESEARCH TESTING BUILDING	3,454	2012	Teach, Research, Support	$ -
1005051	UMH MODULAR OFFICE A	2,050	2000	Clinical Delivery System	$ -
1005046	UNDERGRADUATE SCIENCE BUILDING	141,749	2005	Teach, Research, Support	$ 1,975,671
1000390	UNIV HOSPITALS CHILD CARE CENTER	14,850	1991	Clinical Delivery System	$ 590,831
1000316	UNIVERSITY HOSPITAL	1,713,623	1986	Clinical Delivery System	$ 235,189,966
1000309	UNIVERSITY HOSPITAL SOUTH UNIT 1	67,494	1950	Clinical Delivery System	$ 5,032,557
1000312	UNIVERSITY HOSPITAL SOUTH UNIT 2	266,038	1969	Clinical Delivery System	$ 75,717,055
1000314	UNIVERSITY HOSPITAL SOUTH UNIT 3	19,988	1972	Clinical Delivery System	$ 1,680,021
1000318	UNIVERSITY HOSPITAL SOUTH UNIT 4	158,397	1990	Clinical Delivery System	$ 10,625,328
1005012	UNIVERSITY HOSPITALS HELIPAD	5,397	2001	Clinical Delivery System	$ -
1005117	UPJOHN RACHEL BUILDING	117,097	2006	Clinical Delivery System	$ -
1000261	UTILITIES SERVICE BUILDING	15,183	1973	Administration & Support	$ 2,670,704
1000204	VAUGHAN HENRY FRIEZE PUBLIC HEALTH BUILDING	210,800	1942	Teach, Research, Support	$ 1,469,330
1000065	VAUGHAN VICTOR C HOUSE	51,518	1939	Teach, Research, Support	$ 7,157,281
1005059	WALGREEN CHARLES R JR DRAMA CENTER	84,149	2007	Teach, Research, Support	$ 19,876
1005193	WALL STREET EAST PARKING STRUCTURE	249,962	2014	Parking Structure	$ -
1005430	WALL STREET WEST PARKING STRUCTURE	367,321	2020	Parking Structure	$ -
1008067	WALLACE MIKE AND MARY HOUSE	7,863	1909	Teach, Research, Support	$ -
1000731	WEIDENBACH JOHN P HALL	23,229	1955	Intercollegiate Athletics Bldg	$ 663,967
1005101	WEILL JOAN AND SANFORD HALL	97,989	2006	Teach, Research, Support	$ 5,457,840
1000165	WEISER HALL	145,518	1963	Teach, Research, Support	$ 3,036,131
1005319	WEISFELD FAMILY GOLF CENTER	11,307	2011	Intercollegiate Athletics Bldg	$ -
1005388	WEST ANN ARBOR HEALTH CENTER NEW	75,260	2017	Clinical Delivery System	$ -
1000167	WEST HALL	166,528	1904	Teach, Research, Support	$ 2,631,580
1000066	WEST QUADRANGLE	386,265	1937	Resident Hall	$ 4,744,209
1008090	WOLVERINE TOWER	224,981	1973	Administration & Support	$ 51,538,044
1005189	WVGR TRANSMITTER BUILDING	720	2005	Administration & Support	$ -
1000135	WYLY SAM HALL	82,855	2000	Teach, Research, Support	$ 2,904,203
1000709	YOST ICE ARENA	124,755	1924	Intercollegiate Athletics Bldg	$ 2,721,370