

National Cancer Institute's Federally Funded Research and Development Center (FFRDC)/Frederick National Laboratory for Cancer Research (FNLCR)

Facilities Reference Information

The NCI Campus at Frederick has developed incrementally over time, beginning in 1972, around what had previously been Department of Defense buildings located on NCI/NIH property inside the perimeter fence of Fort Detrick. The NCI Campus at Frederick facilities are one component of the total facilities portfolio that the NCI's FFRDC/FNLCR operates, maintains and manages as a Government-Owned Contractor-Operated entity. This campus currently contains approximately 1.3 million gross square feet (GSF) of space on 68 acres. The campus is primarily comprised of a series of buildings which were formerly cold war era, biological warfare facilities transferred from the U.S. Army, many of which were built between 1944 and 1953. Of the buildings, approximately 50% are greater than 45 years old, 5% are less than ten years old, 16% are trailers/leased and 77% are single story. Most of the campus space is developed with buildings or modular facilities of various sizes, supporting facilities, utilities and infrastructure, roadways, surface parking areas and a small amount of green space.

Predominately, only minor renovations to existing buildings have occurred over the years. As a result, a number of Condition Index (CI) and Requirements Index (RI) ratings are lower than desired, with 81.5 as the average CI and 77.1 as the average RI across the real property inventory. Only two buildings, comprising approximately 126,000 GSF, were constructed after 1972, the newest of which was constructed in 1994.

A large number of the buildings at the NCI Campus at Frederick are small, with only 21 of the 100 structures exceeding 15,000 GSF. Five exceed 50,000 GSF and of those only two exceed 100,000 GSF. Approximately 60 of the buildings are smaller than 5,000 GSF. These buildings contain laboratory, vivarium, biospecimen repository, administrative and infrastructure space. Electric infrastructure, electricity, water infrastructure, water, and sewer infrastructure are provided by the U.S. Army Garrison.

Leased facilities are another component of the total facilities portfolio of the NCI's FFRDC/FNLCR and are leased, operated and maintained by the FFRDC Operator. There are four on-campus leased facilities with a total of approximately 20,000 GSF comprised of laboratory and administrative space. In addition, there are seven off-campus leased facilities with an approximate total of 543,000 GSF comprised of laboratory, Current Good Manufacturing Practice (cGMP), administrative and biospecimen repository space. The largest of the leased buildings is the Advanced Technology Research Facility (ATRF), with approximately 340,000 GSF on 32 acres dedicated to NCI's FFRDC/FNLCR and is part of the 177-acre Riverside Research Park in Frederick, MD.

Facilities Reference Information

NCI Campus- Key Information

Property	Administrative	Scientific Activities	Warehouse/ Infrastructure	TOTALS
NCI Campus Onsite Space	230,873	437, 585	114,462	782,920
NCI Campus Onsite- Lease Space	8,127	6,051	0	14,178
Off-Campus Leased Space	146,145	263,666	51,279	461,090
TOTALS	385,145	707,302	165,741	1,258,188

***Please note that all totals above are in Net Square Feet (NSF) and are approximate values only**

Administrative Space: Space includes person and desk space for administrative functions in finance, operations, contracting, and technical support. Equipment in these spaces includes desk, computers, general office furniture and other equipment commonly found in any office environment (printers, scanners, fax, etc.).

Scientific Activities: Space includes BL-2 laboratories, current Good Manufacturing Practices (cGMP) activities, animal housing and repositories. Laboratories include basic, translational and clinical research in such disciplines as analytical and biomolecular chemistry, biochemistry, immunology, molecular biology, genomics, proteomics structural biology, analysis of samples from clinical trial patients, etc. as indicated in the Statement of Work. The cGMP activities include vaccines and biologics development and pilot production for human clinical trials. The animal spaces cover mouse models of cancer, including Patient Designed Xenograft (PDX) mice, genetically engineered mice and gnotobiotic mice (microbiome studies). In addition to mice, the animal facility space also houses a small number of rats, fish and frogs. The repository space contains cold storage equipment (such as freezers, walk-in cold rooms, and liquid nitrogen tanks) which contains various types of biospecimens.

Warehouse/Infrastructure: Space includes all receiving, shipping and warehouse centers to handle all materials and supplies one could expect to be used at a biomedical R & D operation. This space also includes all space used for infrastructure materials and handling, which is all resources that are commonly needed for normal maintenance and infrastructure on all buildings accounted for in the square footage spaces of both NCI Property and Leased Property.

Facilities Reference Information

Leased Facilities - Key Information

Property Name	Property Location	Rental Square Feet	Administrative Space (sq. ft.)	Laboratory/Other Space (sq. ft.)
Advanced Technology Research Facility	Frederick, MD	341,271	82,087	259,184
Industry Lane	Frederick, MD	21,515	21,515	0
Vaccine Pilot Plant (VPP)	Frederick, MD	126,900	11,864	115,036
Wedgewood, Suite K	Frederick, MD	22,400	2,326	20,074
6110 Executive Blvd., Suite 250	Rockville, MD	7,201	7,201	0
Medical Center Drive, Suite 300	Rockville, MD	14,354	14,354	0
Medical Center Drive, Suite 370	Rockville, MD	9,590	9,590	0
Modular Bldg. 310	NCI Campus at Frederick, Frederick, MD	7,000	2,057	4,943
Modular Bldg. 425	NCI Campus at Frederick, Frederick, MD	6,000	2,413	3,587
Modular Bldg. 315	NCI Campus at Frederick, Frederick, MD	2,000	2,000	0
Modular Bldg. 363	NCI Campus at Frederick, Frederick, MD	3,200	3,200	0

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