

Capital

**Proposed
FY10 Capital Budget Distribution Plan
Introduction**

The University's FY10 capital budget request totaled \$733.2 million with \$541.8 million requested from state funding and \$191.4 million for receipt authority. UA received state funding of \$3.2 million and \$147.0 million in receipt authority (\$30.0 million in federal receipt authority and \$117.0 million in federal economic stimulus authority). A comparison of UA's capital budget request and the UA capital appropriation passed by the legislature can be found on page 1 of the Capital section.

The full amount of \$3.2 million in state funds, was put towards the \$50.0 million requested for the Board of Regents' number one priority, "Maintaining Existing Facilities R&R Annual Requirement".

Of the \$30.0 million received for federal receipt authority, \$15.0 million was granted for blanket federal receipt authority, \$5.0 million was put towards UA energy projects, and \$10.0 million was put towards UA climate projects. Of the \$117.0 million in federal economic stimulus receipt authority, \$116.0 million was put towards the UAF Alaska Region Research Vessel, and \$1.0 million is blanket federal economic stimulus receipt authority.

The appropriation received in FY08 for the University of Alaska, Kachemak Bay Campus expansion – city hall purchase for \$2.5 million was reappropriated to the University of Alaska for property acquisition and property improvements to the Kachemak Bay Campus of the Kenai Peninsula College. This project is an action item on the Facilities and Land Management Committee agenda for this meeting.

The Board is asked to accept the capital appropriation and approve the distribution as presented. The Board of Regents' number one priority, "Maintaining Existing Facilities R&R Annual Requirement" distribution amounts are based on a formulaic approach using the adjusted value of the facility multiplied by the weighted average age of the facility. The distribution is on page 6 of the capital section. Each MAU's estimated funding distribution is broken down by project and addresses the most critical portion of the priority R&R projects. Project abstracts are provided on pages 2-5 of the capital section. As exact project scope and costs are known, project approval will be obtained from the appropriate authority in accordance with Board of Regents' Policy. If a subsequent transfer of funding between projects or to a new project is requested, the Chief Finance Officer shall determine the level of approval required based on the size and nature of the transfer.

University of Alaska
FY10 Capital Budget Request Summary
Compared to Governor's Amended & Proposed Final Legislation
(in thousands)

	BOR Capital Request Revised	Governor's Proposed Budget Amended			Final Legislation (Pending Governor's Signature)		
		State Approp.	Receipt Auth.	Total	State Approp.	Receipt Auth.	Total
FY10 BOR Priority Capital Needs							
R&R Annual Requirement	50,000.0	8,000.0		8,000.0	3,200.0	3,200.0	
UA-Anchorage Priority R&R	11,400.0	1,714.0		1,714.0	685.6	685.6	
UAA-Community Campuses Priority R&R	1,922.7	365.2		365.2	146.1	146.1	
UA-Fairbanks and TVC Priority R&R	28,921.1	5,018.1		5,018.1	2,007.2	2,007.2	
UAF-Community Campuses Priority R&R	926.0	175.9		175.9	70.4	70.4	
UA-Juneau Priority R&R	2,850.0	367.3		367.3	146.9	146.9	
UAS-Community Campuses Priority R&R	2,940.0	193.1		193.1	77.2	77.2	
UA-Statewide Priority R&R	1,040.2	166.4		166.4	66.6	66.6	
UAF Life Sciences Facility	102,820.0		20,625.0	20,625.0			
UAS Auke Lake Way Improvements	4,130.0						
UAA Sports Arena	65,000.0						
New Facilities Planning & Design							
UAA & UAF Engineering Facilities	25,000.0						
UAF Energy Technology Building	30,600.0		15,300.0	15,300.0			
UAA Cogeneration Plant (PROV/ML&P)	2,000.0						
UAF Fire Station/Student Training Center	1,500.0		500.0	500.0			
Feasibility Studies Community Campuses	4,000.0						
R&R and DM Backlog	150,000.0						
Federal Receipt Authority	15,000.0		15,000.0	15,000.0	15,000.0	15,000.0	
FY10 BOR Priority Capital Needs	450,050.0	8,000.0	51,425.0	59,425.0	3,200.0	15,000.0	
FY10 Project and Equipment Requests							
Energy Projects	25,950.0		5,000.0	5,000.0	5,000.0	5,000.0	
Climate Projects	31,500.0		10,000.0	10,000.0	10,000.0	10,000.0	
Alaska Education Policy Project	700.0						
University Equip Refresh (Admin/Acad)	90,000.0	1,072.0		1,072.0			
Compliance/Business Efficiency Solutions	10,000.0						
FY10 Project and Equipment Requests	158,150.0	1,072.0	15,000.0	16,072.0	15,000.0	15,000.0	
Other Capital Funding							
Grad Medical Ed/ Practice Residency ¹		2,200.0		2,200.0			
Other Capital Funding		2,200.0		2,200.0			
Total Capital Bill (SB75)	608,200.0	11,272.0	66,425.0	77,697.0	3,200.0	30,000.0	
Economic Stimulus Funding							
UAF Alaska Region Research Vessel	116,000.0		116,000.0	116,000.0	116,000.0	116,000.0	
Economic Stimulus Fed. Receipt Auth.	9,000.0		1,000.0	1,000.0	1,000.0	1,000.0	
Total Econ Stimulus Bill (HB199)	125,000.0		117,000.0	117,000.0	117,000.0	117,000.0	
FY10 Capital Budget Request Total	733,200.0	11,272.0	183,425.0	194,697.0	3,200.0	150,200.0	

¹Pass-through funding for Providence Hospital, which was moved to and funded in the Operating Budget Bill (HB81)

Maintaining Existing Facilities and R&R Annual Requirement

UA Received \$3.2 million of the \$50 million annual request for renewal and renovation. The project abstracts included in the Redbook were written based on full project funding, however only partial funding is now available for several projects. For each project receiving partial funding, updated abstracts, highlighted in gray, indicate the work to be accomplished with the reduced funding level. These amounts reflect current project estimates. Depending on final scope and when work can begin on individual projects, the costs may vary. Each project will obtain the proper approval based on BOR policy.

UA Anchorage Campus

Distribution \$685.6

- **UAA Science Building Renewal**

FY10 (GF Request: \$11,400.0, GF Distribution: \$685.6)

Of the \$11,400.0 requested in FY10, \$685.6 will be used to partially fund the campus' top priority project, Science Building Renewal/Backfill.

UAA's existing Science Building was built in 1983. When the Integrated Science Building (ISB) opens in 2009, many of the functions currently housed in the Science Building will relocate to ISB. The backfill plan for the ISB project shows that various dry labs that serve the science curriculum will be located in the Science Building along with some science programs currently located in the Engineering Building. The building will require remodeling, systems renewal, and tenant improvements for its redefined function. During the spring of 2008, consultants have reviewed the building and the backfill program plan and have developed a renovation plan for the building. This project will completely renovate the existing Science Building to provide offices, classrooms, instructional labs, and modernized restrooms. The mechanical and electrical systems will be upgraded to extend the life of the building, ensure code compliance, and improve efficiencies of pumps, motors, lights, restroom plumbing and fixtures, fire systems, the elevator and building automation controls. In some instances, fume hoods and associated equipment will be removed because they will not be necessary in the repurposed building. The building envelope will have an improved thermal efficiency.

UAA Community Campuses

Distribution \$146.1

- **UAA Community Campus Cable Plant Renewal Phase II**

FY10 (GF Requested: \$1,000.0, GF Distribution: \$146.1)

Of the \$1,000.0 requested in FY10, \$146.1 will be used to complete the cable plant upgrade, which began with FY09 funding. It will also address related facility needs and provide emergency notification enhancements that are facilitated by the upgrade.

This project will complete the consolidation of existing separate telephone and data network cable systems into a single converged physical copper/fiber network at the community campuses.

UA Fairbanks Campus & TVC

Distribution \$2,007.2

- **UAF Fairbanks Campus Main Waste Line Repairs**
FY10 (GF Request: \$3,000.0, GF Distribution: \$1,000.0)

Of the \$3,000.0 requested in FY10, \$1,000.0 will go towards the FY09 and FY10 highest priority of repairing the main waste line.

Much of the sanitary and storm sewer main piping on campus is original woodstave or clay piping dating back nearly 60 years. These mains, though not at full capacity, have far exceeded their useable life. Campus growth and an ever-changing regulatory environment require the modification and upgrade of the waste water handling infrastructure. Based on the June 1, 2005 U.S. Environmental Protection Agency MS-4 permit regarding storm water discharge, UAF will be required to install storm water collection infrastructure for buildings and streets by 2009. This requirement also includes modifications to the sanitary waste lines to ensure complete separation of the two systems. The project will replace several thousand feet of waste line main piping with new modern materials with a life that exceeds 60 years.

- **UAF Arctic Health Research Building (AHRB) Deferred Renewal - Phase 2 of 4 for Initiative Programs**
FY09 (GF Request: \$18,500.0, FY10 GF Distribution: \$1,007.2)

Of the \$18,500.0 requested in FY09, \$9,000.0 went towards renovating 15,000 gsf of space in what is referred to as the Animal Quarters in the Arctic Health Research Building. Since FY09 funding was not sufficient to complete the project, \$1,007.2 of the funding received in FY10, will go towards the continued renovation of this space. This revitalization and code correction will provide usable space for infectious disease research and new teaching labs for fisheries and horticulture.

Built over 40 years ago, AHRB has an ever increasing list of deferred renewal projects that are now affecting critical research and teaching in the building. Major renewal and renovation work must occur now to keep the building available for occupation and full use. Phase 1, funded in FY07, will complete a revitalization of the eastern wing of the building by January 2008. Once fully funded, Phase 2 work will renovate portions of the building scheduled to be vacated in 2009 by the State of Alaska Public Health Lab and the recently vacated animal holding quarters. Renewal of the building is key to teaching the next generation of resource managers and agricultural scientists. Research conducted in the labs provides critical seed and weed data to farmers in Alaska, which is important to the sustainability of food production in the state. Fisheries research performed in the building, specifically connected to Alaskan coastal and Bering Sea regions, provides managers and fishermen significant information about the health and population of many harvested species. UAF is one of only a handful of institutions performing medical research on the cause, effects, and spread of the Avian Flu disease: all of it occurring in the 45-year old labs in the building.

UAF Community Campuses

Distribution \$70.4

- **UAF Community Campus Energy Conservation**
FY10 (GF Request: \$570.0, GF Distribution: \$70.4)

Of the \$570.0 requested in FY10, \$70.4 will be put towards energy conservation work on various community campuses.

Energy costs are rising throughout the state, but especially in rural communities. In order to help curb the rising costs, the university's facilities need to be assessed, updated and retrofit with newer, more energy efficient systems on the Chukchi, Kuskokwim, Northwest and Interior-Aleutians campuses.

UA Juneau Campus

Distribution \$146.9

- **UAS Housing Unit Remodel**
FY10 (GF Distribution: \$146.9)

UAS main campus will re-roof one housing unit with the allocated \$146.9 in R&R funding.

UAS Community Campus

Distribution \$77.2

- **UAS Energy Conservation**
FY10 (GF Distribution: \$77.2)

UAS will make energy upgrades at the Sitka and Ketchikan campuses, and electrical service replacement at the Ketchikan campus with the allocated \$77.2 in R&R funding.

Statewide

Distribution \$66.6

- **Statewide R&R**
FY10 (GF Requested: \$1,040.2, GF Distribution: \$66.6)

Of the \$1,040.2 requested in FY10, \$36.6 will be put towards lighting controls and lighting improvements and \$30.0 will go towards roof investigation and preliminary design.

Statewide Lighting Controls Replacement and Lighting Improvements

Lighting controls and lighting improvements for both interior and exterior lights are necessary in the Butrovich building. Modern control systems allow more discreet control, increasing energy savings and enhancing users' environment. A viable solution would be a LED retrofit of some or all of the applicable building lighting systems. Funding this project will engage the services of a lighting design consultant to develop a plan, with associated costs, to upgrade the lighting controls in the open office areas.

Roof Investigation and Preliminary Design

The current roof of the Butrovich building is about 24 years old and investigation and preliminary design of future roof replacement is eminent. The cost of the roof replacement will be determined during the preliminary design phase.

Federal Receipt Authority

NGF: \$30,000.0

○ **Federal Receipt Authority**

FY10 (NGF Requested: \$15,000.0, NGF Received: \$15,000.0)

This request is an estimation of potential federal receipt authority needed for FY10-FY15 projects at the main and community campuses.

○ **Energy Projects**

FY10 (GF Requested: \$20,950.0, NGF Requested: \$5,000.0, NGF Received: \$5,000.0)

Energy projects include alternative energy and energy efficiencies. This request is an estimation of potential federal receipt authority needed for FY10 energy projects at the main and community campuses. Examples of projects include rural power projects, Alaskan coal, and a biomass energy program.

○ **Climate Projects**

FY10 (GF Requested: \$21,500, NGF Requested: \$10,000.0, NGF Received: \$10,000.0)

Climate projects include climate adaptation and mitigation. This request is an estimation of potential federal receipt authority needed for FY10 climate projects at the main and community campuses. Examples of projects include natural hazards monitoring, improving weather predictions, Alaska statewide digital mapping initiative, and permafrost dynamics.

Federal Economic Stimulus Receipt Authority

NGF: \$117,000.0

○ **UAF Alaska Region Research Vessel Additional Receipt Authority**

FY10 (NGF Requested: \$116,000.0, NGF Received: \$116,000.0)

In FY05, UAF was given federal receipt authority up to \$80 million for National Science Foundation (NSF) funding to purchase a new research vessel. The NSF funding became available in the fall of 2007 and has increased to accommodate inflation and changes in scope of work over the past few years. Additional receipt authority is needed to accept the NSF funding and the new research vessel.

○ **Federal Economic Stimulus Receipt Authority**

FY10 (NGF Requested: \$9,000.0, NGF Received: \$1,000.0)

This request is an estimation of potential federal economic stimulus receipt authority needed for FY09-FY11 projects at the main and community campuses. The University of Alaska plans to pursue economic stimulus grant funding opportunities from various federal agencies. The main areas of focus will be energy, research, technology, and health.

**University of Alaska
Renewal and Renovation Request
Distribution Methodology based on Age and Value of Facilities
FY10**

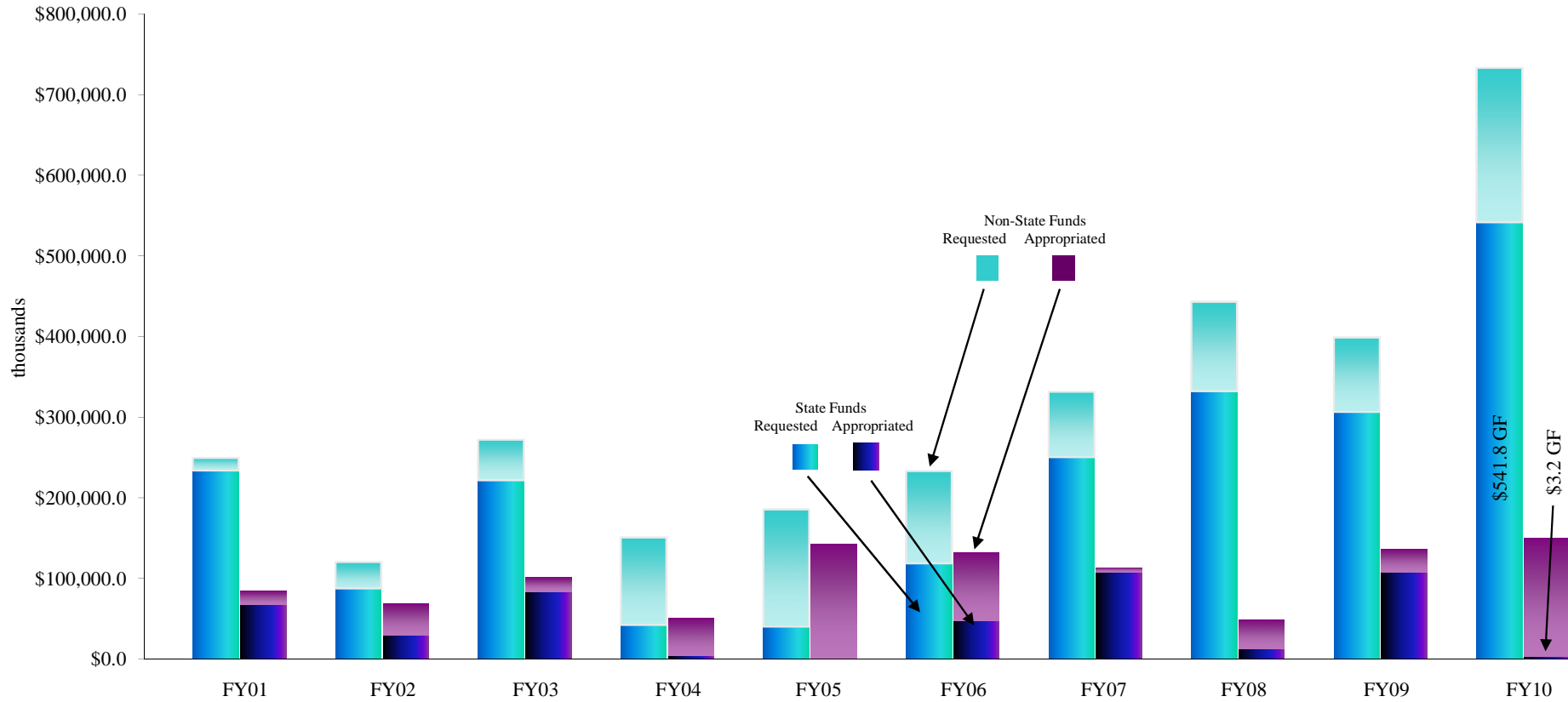
	Location	Number of Buildings	Average Age (Years)	Weighted Avg. Age (Years)	Gross Square Footage	Adjusted Value (thousands)	Index*		FY10 R&R Model	Annual R&R Requirement	Annual R&R Distribution
Anchorage Campus		53	24.7	25.0	1,931,116	462,466.9	11.6	21.4%	9,022.4	11,400.0	685.6
UAA Community Campuses		27	24.6		312,848	92,338.4	2.5	4.6%	1,922.7	1,922.7	146.1
Kenai Peninsula College	Soldotna	10	27.7	30.0	95,373	27,354.6	.8				
Kachemak Bay Campus	Homer	2	11.5	19.3	18,360	6,394.1	.1				
Kodiak College	Kodiak	5	31.8	32.5	44,981	13,919.3	.5				
Matanuska-Susitna College	Palmer	6	23.3	24.3	103,169	34,115.0	.8				
Prince William Sound CC	Valdez	4	16.0	22.9	50,965	10,555.3	.2				
	UAA Total	80			2,243,964	554,805.3	14.1	26.0%	10,945.1	13,322.7	831.7
Fairbanks Campus & TVC		232	34.4	37.8	3,241,077	897,849.6	33.9	62.7%	26,415.5	28,921.1	2,007.2
UAF CRCD		27	26.8		113,738	44,594.9	1.2	2.2%	926.0	926.0	70.4
Bristol Bay Campus	Dillingham	1	41.6	27.0	10,523	6,277.3	.2				
Chukchi Campus	Kotzebue	1	32.0	32.0	8,948	4,863.0	.2				
Interior-Aleutians Campus	Various	4	25.8	29.1	21,715	9,953.8	.3				
Kuskokwim Campus	Bethel	7	24.3	23.0	51,699	18,690.7	.4				
Northwest Campus	Nome	14	27.9	29.8	20,853	4,810.0	.1				
	UAF Total	259			3,354,815	942,444.5	35.1	64.9%	27,341.5	29,847.1	2,077.6
Juneau Campus		34	30.2	22.5	441,637	110,276.6	2.5	4.6%	1,933.3	2,850.0	146.9
UAS Community Campuses		5	39.0		115,908	27,761.1	1.3	2.4%	1,016.5	2,940.0	77.2
Ketchikan Campus	Ketchikan	4	32.3	33.3	47,850	16,119.3	.5				
Sitka Campus	Sitka	1	66.0	66.0	68,058	11,641.8	.8				
	UAS Total	39			557,545	138,037.7	3.8	7.0%	2,949.8	5,790.0	224.1
Statewide		12	42.9	22.9	159,810	49,213.2	1.1	2.1%	876.1	1,040.2	66.6
	UA Total	390			6,316,134	1,684,500,635	54.1	100%	42,112.5	50,000.0	3,200.0

* Index is calculated by taking the adjusted value times the weighted average age

42,112.5 (2.5% of Adjusted Value)

Building Inventory from 2007 UA Facilities Inventory

University of Alaska
Capital Request and Appropriation Summary
FY01-FY10



* State funds include: AHFC Bonds, General Obligation Bonds, Tobacco Settlement Bonds and Alaska Capital Income Funds

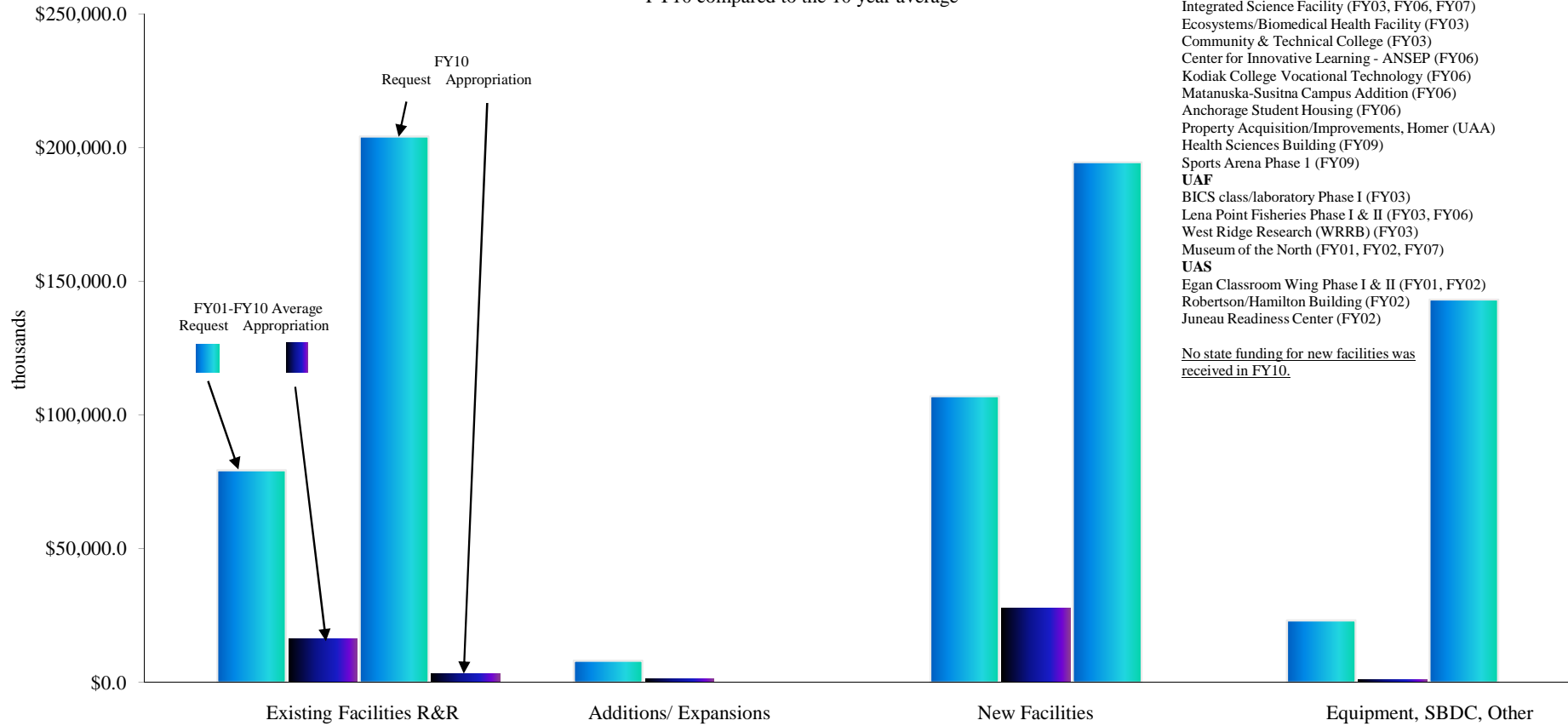
University of Alaska
 Capital Budget Request vs. State Funds
 FY01 - FY10
 (thousands)

Request	Renewal and Renovation / Code, ADA	Additions/ Expansions	New Facilities	Equipment	SBDC, Other	Total
FY01	128,515.1	24,522.6	72,414.3	7,500.0	900.0	233,852.0
FY02	26,372.1	18,342.7	37,261.2	5,272.3	450.0	87,698.3
FY03	36,917.1	14,000.0	162,685.0	7,658.1	565.0	221,825.2
FY04	14,007.0	3,400.0	19,515.5	4,141.5	1,405.0	42,469.0
FY05	10,055.0		26,550.0	3,111.3	550.0	40,266.3
FY06	40,753.5	2,600.0	70,536.0	4,403.4	550.0	118,842.9
FY07	87,520.0	9,650.0	135,983.0	16,721.9	550.0	250,424.9
FY08	131,016.0	6,395.0	186,500.0	7,874.7	550.0	332,335.7
FY09	114,000.0	2,000.0	163,870.0	26,000.0	550.0	306,420.0
FY10	204,130.0		194,495.0	90,000.0	53,150.0	541,775.0
Total	793,285.8	80,910.3	1,069,810.0	172,683.2	59,220.0	2,175,909.3
10 yr. Avg.	79,328.6	8,091.0	106,981.0	17,268.3	5,922.0	217,590.9

Appropriation

FY01	22,288.0	5,000.0	39,500.0	400.0	450.0	67,638.0
FY02	14,136.9	1,425.0	11,429.0	2,224.6	450.0	29,665.5
FY03	9,490.0	5,094.0	66,620.0	1,650.0	750.0	83,604.0
FY04	3,641.5				450.0	4,091.5
FY05					450.0	450.0
FY06	8,100.0	1,950.0	35,700.0	1,750.0	550.0	48,050.0
FY07	48,725.0		58,500.0		715.0	107,940.0
FY08	8,475.0		3,750.0		640.0	12,865.0
FY09	45,822.6		61,300.0		125.0	107,247.6
FY10	3,200.0					3,200.0
Total	163,879.0	13,469.0	276,799.0	6,024.6	4,580.0	464,751.6
10 yr. Avg.	16,387.9	1,346.9	27,679.9	602.5	458.0	46,475.2

University of Alaska
 Average Capital Request by Category compared to Average Appropriation
 State Funds
 FY10 compared to the 10 year average



Major Expansions and New Facilities

FY01-FY09

UAA

- Consortium Library (FY99, FY01)
- Ortner Warehouse Replacement (FY02)
- AK Cultural Center & PWSCC Training Center (FY02, FY03, FY07)
- Integrated Science Facility (FY03, FY06, FY07)
- Ecosystems/Biomedical Health Facility (FY03)
- Community & Technical College (FY03)
- Center for Innovative Learning - ANSEP (FY06)
- Kodiak College Vocational Technology (FY06)
- Matanuska-Susitna Campus Addition (FY06)
- Anchorage Student Housing (FY06)
- Property Acquisition/Improvements, Homer (UAA)
- Health Sciences Building (FY09)
- Sports Arena Phase 1 (FY09)

UAF

- BICS class/laboratory Phase I (FY03)
- Lena Point Fisheries Phase I & II (FY03, FY06)
- West Ridge Research (WRRB) (FY03)
- Museum of the North (FY01, FY02, FY07)

UAS

- Egan Classroom Wing Phase I & II (FY01, FY02)
- Robertson/Hamilton Building (FY02)
- Juneau Readiness Center (FY02)

No state funding for new facilities was received in FY10.

University of Alaska
State Appropriation Summary by Category
FY01-FY10
(thousands)

	Location	Renewal and Renovation / Code, ADA		Additions/ Expansions		New Facilities		Equipment	SBDC, Other		Total	
	Anchorage Campus	Anchorage	40,990.8	25.0%		199,650.0	72.1%	640.0	4,200.0	45.6%	245,480.9	52.8%
	Kenai Peninsula College	Soldotna	4,736.9		850.0	3,000.0		27.5	50.0		8,664.4	
	Kenai Peninsula College - Kachemak Bay	Homer	90.0		3,750.0	2,500.0			165.0		6,505.0	
	Kodiak College	Kodiak	1,635.8	6.6%		350.0	4.2%			2.8%	1,985.8	5.9%
	Matanuska-Susitna College	Palmer	2,336.8			1,004.0		55.3			3,396.1	
	Prince William Sound Community College	Valdez	2,075.1			4,700.0					6,775.1	
	UAA		51,865.5	31.6%	4,600.0	211,204.0	76.3%	722.8	4,415.0	48.4%	272,807.3	58.7%
	Fairbanks Campus	Fairbanks	65,691.9			33,000.0		1,020.1	75.0		99,787.0	
	Fairbanks Campus	Juneau		40.1%		19,000.0	18.8%			10.3%	19,000.0	25.6%
	Fairbanks Campus	Palmer										
	Fairbanks Campus	Seward										
	Tanana Valley Campus	Fairbanks	13,000.0	7.9%	5,000.0						18,000.0	3.9%
	Fairbanks Campus (CES)	Kenai							90.0		90.0	
	Bristol Bay Campus	Dillingham			3,329.0						3,329.0	
	Chukchi Campus	Kotzebue	580.0								580.0	
	Interior-Aleutians Campus	Fairbanks	240.0	5.4%						0.8%	240.0	2.6%
	Interior-Aleutians Campus	Fort Yukon										
	Interior-Aleutians Campus	Tok										
	Kuskokwim Campus	Bethel	4,324.5								4,324.5	
	Northwest Campus	Nome	3,690.0								3,690.0	
	UAF		87,526.4	53.4%	8,329.0	52,000.0	18.8%	1,020.1	165.0	11.2%	149,040.5	32.1%
	Juneau Campus	Juneau	17,094.4	10.4%		13,595.0	4.9%	341.1		3.2%	31,030.5	6.7%
	Ketchikan Campus	Ketchikan	6,316.4	4.2%							6,316.4	1.6%
	Sitka Campus	Sitka	507.2		540.0						1,047.2	
	UAS		23,918.0	14.6%	540.0	13,595.0	4.9%	341.1		3.2%	38,394.1	8.3%
	Statewide		566.6	0.3%				3,940.6		37.2%	4,507.2	1.0%
	Systemwide		2.5								2.5	
	SW		569.1	0.3%				3,940.6		37.2%	4,509.7	1.0%
	Grand Total		163,879.0	100%	13,469.0	276,799.0	100%	6,024.6	4,580.0	100%	464,751.6	100%
			35.3%		2.9%	59.6%		2.3%				