Shaping Alaska's Future Metric Framework June 2014

Two different sets of metrics will be used to support and monitor progress on Shaping Alaska's Future effects:

- A) Shaping Alaska's Future Outcome Metrics These measures are specific to issues of concern and are intended to quantify progress toward achieving desired Shaping Alaska's Future effects. Current, working sets of high-level metrics for each theme area follow starting on page 2.
- B) University of Alaska Key Indicators and Measures Inputs, throughputs and outputs detailing UA's overall health, efficiency and effectiveness across mission areas and Shaping Alaska's Future themes. These are provided starting on page 7^{*}.

An analysis of Shaping Alaska's Future metrics will be presented at the Board of Regent's meeting each September. The BOR will be informed of any updates in metrics being used and the reason(s) for changes. Discussion and analysis will address recent performance in context of historical trends, as well as meaningful near-term performance predictions, where possible. University- and campus-level analysis, where relevant to major system level changes and future outlook, will be collected through existing mechanisms such as university performance evaluations and student enrollment analyses, and reported in the Shaping Alaska's Future analysis.

It may

#2126thachtel(2) Tobica Lasassica (2) Tobica Lasassica (2) Tobica (2) Tobica Lasassica (2) Tobica (3) Tobica (

Measure Issue and Effect

<u>Measure</u>	Issue and Effect	Implementation & Timing
Recent Alaska High School Graduates Prepared for College Level Coursework; and Subset Who Attend UA	А	In Use
Teacher Supply and Demand (CAEPR)	В	Inc6.400ud024:e(T)56(e(Inc)1(6ueCS0 cs 0 0 m(In))w9s611.16(e(d1 Ti

Theme 3: Productive Partnerships with Public Entities and Private Industries

	Issue and	_
<u>Measure</u>	<u>Effect</u>	Implementation & Timing
Industry Investments (\$)	Α	Workforce Education; Research, Extention and other Service
Workforce/Industry Needs Met by Degree Recipients (Theme 1 Issue F)	Α	List of cooperative programs, including instructional programs, tailored in response to industry needs; number of graduates and post-training employement patterns; all levels of awards from non-credit workforce credentials and occupational endorsements to post-baccalaureate degree and credentials, Teacher Education, Baccalaureate Engineering, Health.
Industry/Employer/Public Perception Survey	В	Conduct every 3 years, starting FY17
Focused Partnerships with Alaska Native Corporations, Tribal Governments, non-profits and other public and private entities	С	Annual list of all programs with focus on Education and Research; Student Success, and Economic and Cultural Development
Investment (\$) by Alaska Native Corporations, Tribal Governments, non-profits and other public and private entities	С	Develop common identification and tracking mechanism

Theme 4: Research & Development (R&D) and Scholarship to Enhance Alaska's Communities and Economic Growth

Measure	Issue and Effect	Implementation & Timing
Annual Publications Per Faculty	A, C	Systemwide Academic Council reviewing methdology options; subset Arctic Research
External Funding Per Research Faculty Full-Time Equivalent	A, C	Subset Arctic Research
Industry/Employer/Public Perception Survey	D	Conduct every 3 years, starting FY17
Outreach Contacts/Publications	D	Develop common definition and tracking mechanism
Invention Disclosures	А	In Use
Alaska Native Culture and Language Grants, Publications and Other Creative Activity	В	Develop common definition and tracking mechanism
Research Faculty Turnover and Retention Rates	Е	Develop common definition and tracking mechanism

Measure

Issue and Effect Implementation & Timing

University of Alaska Key Indicators

	FY09	FY10	FY11	FY12		407
Annual Number of Students Taking For-Credit Courses	46,712	49,005	49,939	50,628	48,494	4%
Associate and Certificate	7,808	8,962	9,951	10,266	9,845	26%
Bachelor's	13,574	14,548	15,436	16,089	16,250	20%
Graduate	3,052	3,290	3,393	3,458	3,439	13%
Non-Degree Seeking	22,278	22,205	21,159	20,815	18,960	-15%
Average Student Credit Hour Load	18.0	17.9	17.7	17.8	17.8	-1%
% of Recent College Bound Alaska High School Graduates		47.5%		47.5%		
% of Recent Alaska High School Graduates who Attend UA	27.6%	29.4%	29.0%	29.49	% 29.3%	6%
% of Alaskans who took UA Class (Calendar Year)	8.2%	8.4%	8.4%	8.1%	7.9%	-4%
Student Learning Outcomes						
Degree, Certificates, Endorsements Awarded	3,427	3,754	3,983	4,174	4,491	31%
High Demand Job Area (HDJA) Degrees Awarded	2,468	2,731	2,910	2,918	3,067	24%
HDJA Grads Employed 1 Year Later	80.5%	80.5%	80.8%	, D		
Vocational Pre- to Post-Training Change in Average Wage Per Q	uar 24 r.6%	21.1%	19.4%	17.99	%	
Bachelor's 150% Graduation Rate (Full-Time Only)	29.7%	27.7%	28.6%	28.29	% 31.6%	6%
Associate and Certificate 150% Graduation Rate (Full-Time)	13.7%	12.4%	12.4%	12.79	% 11.3%	-
Research & Creative Activity						
Grant Funded Research Expenditures (Millions)	\$120.2	\$131.0	\$138.	0 \$132	2.7 \$129.8	8%
Service						
Non-Credit Instructional Units Delivered	10,873	16,049	15,541	15,498	12,922	19%
Outreach Publications	155,763	177,292	229 Tw 2	9146deut	reach Pu9 36	403.452

University of Alaska Shaping Alaska's Future Measures

Theme I: Student Achievement & Attainment	FY09	FY10	FY11	FY12	FY13	
Grads who Earned Subsequent Graduate Degrees in 5 Years	9.4%	10.2%	10.6%	10.8%	11.1%	•
Bachelor's	13.0%	7.8%	12.9%	13.7%	15.0%	
Associate & Certificate	4.1%	3.9%	3.7%	3.5%	4.4%	7%
Bachelor's	18.7%	14.4%	19.6%	18.1%	19.3%	3%
Associate & Certificate	7.3%	8.0%	7.6%	5.9%	9.0%	2
Theme II: Productive Partnerships with Alaska's Schools						
APS Recipients Meeting Annual SCH Requirements First-Time Freshmen Taking Math or English Preparatory Class				80%	84%	
Bachelor's	44%	47%	48%	50%	47%	7%
Associate & Certificate	64%	62%	58%	65%	64%	0%
First-Time Freshmen with Dual-Enrollment Credits	27%	27%	24%	23%	27%	0%
Proportion of UA Educated New Teacher Hires	25%	23%	24%	17%		
Graduates Working in Alaska	77.8%	78.6%	78.3%			
Industry Investments in Workforce Education (\$1000s)	\$4,840	\$4,501	\$3,919	\$4,524	\$3,534	
Industry Investments in Research & Extension (\$1000s)	\$28,216	\$23,908	\$24,424	\$28,585	\$26,242	-7%
Baccalaureate Engineering Degrees Earned at UA	94	148	137	143	156	66
Health Related Degrees Earned at UA	715	824	786	788	914	28
Ratio Non-General Fund: General Fund Research Revenue	5.7	5.2	5.6	5.3	5.2	-9%
Annual Number of Invention Disclosures	7	8	6	41	86	1,129%
Theme V: Accountability to the People of Alaska						
Averag	\$4,840	\$				