## Overview of Data in the Territories

Federal Partners Communicating on the Insular Areas

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## Overview

- Background
- Data Scope and Value
- Current Data Collection
  - Survey-based statistics
    - > Federal
    - > Territorial
  - Administrative records
    - Inventory of known records
    - ➤ Review of CFDA
- Next Steps and Discussion



## Introduction

### Office of Insular Affairs (OIA) Role

- OIA economic analysis
- OIA funding decisions and activities
- Communication on data and statistical capacity
  - Federal
  - Territorial statistical agencies

Today's Focus: Inventory of current data environment



## Data Scope and Value

### What Do We Mean By "Data"?

- Scope: Collection, analysis, and dissemination
- *Factors:* Social, environmental, and economic
- *Characteristics:* Timeseries, consistently measured, and timely

#### What Is The Value of Data?

- Informs planning, policy and resource allocation.
- Measures performance of existing projects and policy.
- Best practice and compliance (e.g., Data science, Evidence Act, equity).
- Helps this user group fulfill our day-to-day mission to the territories.

#### Social

Poverty: # under poverty line, % of gov exp spent on basic services, foreign assistance as % of GDP

Health: mortality rate, coverage of essential services, health worker density, % of non-communicable

women in government, % of men/women with mobile

Food Security: % insecure, food

Education: expected years of completition, volume of scholarship assist, % of teachers with min required qualifications

Environmental

access to healthy drinking, level of water w/drawl, degree of

integrated water mamt, % of solid

Energy: Fuel imports as % of GDP,

% with access to energ, change in

renewed energy capacity, price of

Climate and Conservation: deaths

sustainable fish stocks, Coverage of

protected ocean and land coverage

per disaster, marine acidity, % of

energy

waste collected and managed

Water and Sanitation: % w/

Infrastructure: % w/ adequate housing, % covered by mobile



Gender Equality: % in unpaid domestic care, seats held by

price, food imports a % of exports



Primary Economic Statistics: GDP, BOP, HH income, demographics

Government Finance: Fiscal balance, Revenue % of GDP, Tax per capita, debt to assets, pension net position

Prices: CPI, CPI domestic, CPI imported, PPI

Business and Labor: Average hourly earning, Labor participation, Employees by sectors

Banking and Investment: # of commerical banks, % of pop with bank account, interest rate



### **Preferred Collection Mechanisms**

# 1. Federal Statistical Products

- Comparable to states
- Likely to achieve best practices: consistent and timely time series data
- No comprehensive inventory of territorial coverage in federal statistics.

# 2. Territorial Statistical Products

- Varies by territory.
- Dependent on federal funding and territorial priorities
- Capacity limitations (funding, knowledge, physical, social, etc.)
- These impact ability to produce consistent and timely time series data

# 3. Administrative Records

- Primary purpose other than statistical capacity.
- This is an area of "we don't know what we don't know".
- Often not publicly available
- Limited in consistency and timely time series.



### **Methodology for Federal Statistical Products:**

- Started with a frame of the 13 identified federal statistical agencies
- Identified major statistical products
- Coverage for each of the 4 U.S territories of interest to DOI

#### **Limitations:**

- This work is ongoing
- There are other data products beyond the 13 identified federal statistical agencies

## **Federal Statistical Products**

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#	13 Federal Statistical Agencies USDA ERS. NASS	Survey Annual farm statistics	Frequency	USVI	CNMI	Guam	AS	Measurement
1,,	*		tri-annually					Production, Prices, Expenses
1,2	USDA NASS	Annual projections and quarterly farm data	'2' and '7'	Yes	V	V	Yes	Production, Prices, Expenses
	DOL Bureau of Labor Statistics	Census of Agriculture Consumer Price Index	M M	Yes	Yes	Yes	res	Production, Prices, Expenses Prices for household G&S
	DOL Bureau of Labor Statistics  DOL Bureau of Labor Statistics							
	1	International Price Indexes	M					Prices, imports and exports
l _	DOL Bureau of Labor Statistics	Monthly Current Employment Statistics	M	Yes				Employment (by industry, hours, earnings)
3	DOL Bureau of Labor Statistics	Producer Price Index	M					Prices, for producers
	DOL Bureau of Labor Statistics	Quarterly Census of Employment and Wages	M,Q					Employment, wage∁ (by industry and geo)
	DOL Bureau of Labor Statistics	Consumer Expenditure Survey	A					Buying habits (by socioeconomic)
	DOL Bureau of Labor Statistics	Productivity	Q,A					Indexes of productivity by industry
	DOC Census Bureau	Annual Survey of State and Local Govt Finances	A,Q (taxes)					Revenues, expenses, debt, by type
	DOC Census Bureau	County Business Patterns (CBP)	A	Yes	Yes	Yes	Yes	Establishment, payroll data (by industry)
	DOC Census Bureau	Annual Retail Trade Survey (ARTS)	A					Sales, expenses by industry
	DOC Census Bureau	Annual Survey of Manufactures (ASM)	A					Manufacturing activity (by product, geo, ind)
	DOC Census Bureau	Annual Wholesale Trade Survey (AWTS)	A					Sales, inventories, expenses (by ind)
	DOC Census Bureau	Economic Census	'2' and '7'	Yes	Yes	Yes	Yes	
	DOC Census Bureau	Export Statistics	Q,A	Yes	Partial	Partial	Partial	Exports (by commodity, geo)
	DOC Census Bureau	Import Statistics	Q,A	Partial				Imports (by commodity, geo)
	DOC Census Bureau	Manufacturers' Shipments, Inventories, and Orders	M					Economic conditions, production commitments
4	DOC Census Bureau	Monthly Retail Trade Survey (MRTS)	М					Estimates of sales and inventories, retail
4	DOC Census Bureau	Monthly Wholesale Trade Survey (MWTS)	М					Estimates of sales and inventories, wholesale
	DOC Census Bureau	Quarterly Financial Report (QFR)**	Q					Financial results and positions of US corporations
	DOC Census Bureau	Quarterly and Annual Services Survey (QSS, SAS)	Q,A					Revenue, expenses by NAICS industry
	DOC Census Bureau	Value of Construction Part in Place Survey (VIP)	М					Dollar value of construction work completed
	DOC Census Bureau	Decennial Census	10 years	Yes	Yes	Yes	Yes	Population, demographics, housing trends
	DOC Census Bureau	American Community Survey (ACS)	A					Social, Economic, Housing, Demographic by geo
	DOC Census Bureau	American Housing Survey (AHS)	bi-annually					Quality and costs of housing (by socioeconomic)
	DOC Census Bureau	National Survey of College Graduates (NSCG)	2-3 years					Education, salary, debt, employer statistics
	DOC Census Bureau	Current Population Survey (CPS)	A					Socioeconomic, demographic
	DOC Census Bureau	Household and Business Pulse	w					Household and business impacts of Covid
_	TREAS IRS Statistics of Income	Individual Income Tax stats	Α					Household income statistics
5	TREAS IRS Statistics of Income	Business Income Tax stats	A			Partial		Business statistics
6	DOJ Bureau of Justice Statistics*	Various	v					Correction, courts, crime, law enforcement, victim
7	DOT Bureau of Transportation Statistics	Various	v					Transport, finance, safety, consumption, pollution
	DOE Energy Info Admin	Prices	Α					
8	DOE Energy Info Admin	Reserves, imports/exports, supply, consumption	A	Yes	Yes	Yes	Partial	
	ED Center for Education Statistics*	National Household Education Survey	2-3 years					Descriptive data on educational activities
9	ED Center for Education Statistics*	Annual Survey of School System Finances	A					Revenue, expenditure, debt by educational activity
	HHS National Center for Health Statistics*	National Health and Nutrition Exam Survey	Α					Demographic, socioeconomic, and health
l	HHS National Center for Health Statistics*	National Health Care Surveys	v					
10	HHS National Center for Health Statistics*	National Health Interview Survey	A					Health status and utilization measures
	HHS National Center for Health Statistics*	National Survey of Family Growth	5 year					Fertility, family structure and demographics
11	NSF National Center for Science&Engineering	Various	v					
	SSA Office of Research Evaluation&Stats	Supplemental Security Income	A		Yes			
12	SSA Office of Research Evaluation&Stats	Old age, Survivors, and Disability Insurance	A	Yes	Yes	Yes	Yes	
13	DOC Bureau of Economic Analysis	Gross Domestic Product, GDI, I-O, ITA	Q, A	OIA	OIA	OIA	OIA	Macro time series economic information
	* Via II S. Consus Bureau		~					Major CDB Input

#### **Understanding Territorial Statistical Products:**

- Reviewed territorial statistical sites for publicly available products
  - American Samoa AS Department of Commerce Statistics Division
  - CNMI CNMI Department of Commerce Central Statistics Division
  - Guam Guam Bureau of Statistics and Plans
  - USVI Bureau of Economic Research
- Reviewed OIA funding since 2015
- Reviewed June 2021 Survey of Current Business for territorial GDP methodology

#### **Limitation:**

- This work is ongoing
- Limited to territorial statistical agencies

## **Federal Statistical Products**

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DOL Bureau of Labor Statistics   Consumer Price Index   M					Yes	Yes	Yes	Yes	
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DOC Census Bureau DOC Census B				1					
DOC Census Bureau DOC Census Bureau Export Statistics** DOC Census Bureau DO				1					
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	13		Gross Domestic Product, GDI, I-O, ITA	Q, A	OIA	OIA	OIA	OIA	Macro time series economic information

## For both federal and territorial administrative records "We don't know what we don't know".

	Inventory of Known Records	Review of CFDA
Methodology	<ul> <li>Review territorial statistical agency products and yearbooks</li> <li>Review June 2021 Survey of Current Business for territorial GDP methodology</li> <li>Review draft of NOAA Marine Economy Statistics source data review (blue)</li> </ul>	<ul> <li>Review of CFDA metadata in single audits</li> <li>We assume CFDAs may be an indicator of where federal administrative data could exist.</li> <li>This could also serve other purposes. <ul> <li>Availability of funding compared to state CFDA</li> <li>Who the stakeholders are</li> </ul> </li> </ul>
Limitations	<ul> <li>This is not a complete record</li> <li>This does not fit into the framework in above slides; admin records are indicators not substitutes to statistical products.</li> <li>Only lists records that have recent (2018+) data</li> </ul>	<ul> <li>Reflects a point in time.</li> <li>Is pre-COVID but reflects disaster relief in CNMI and USVI.</li> </ul>



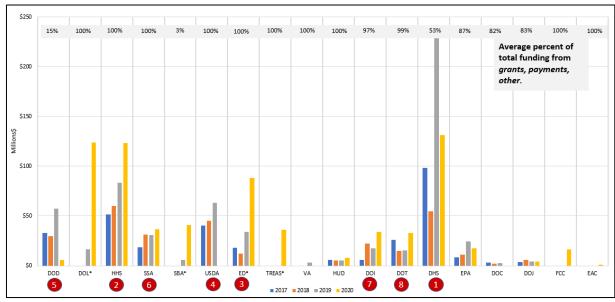
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Ĕ	AS Treasury	AS Treasury Budget (A)	CNMI DOF	Revenue projections	Office of the Governor	Revenue projections	USVI OMB	Projected revenues
<u>ا</u> ۽	ANL	Revenue index	ANL	Revenue index	ANL	Revenue index	ANL	Revenue index
8	USASpending	Federal funds	USASpending	Federal funds	USASpending	Federal funds	USASpending	Federal funds
٥	· -		-				_	Open Finance
5	ASDOC (survey of ER)	Employment, by sector	CNMI DOF	Wages, by Industry	Guam BLS	Employment and Wage	DOL Unemployment Insurance Data	Labor force, unemployed
Labor			CNMI DOL	Employment, Job Opening	Guam BLS	Current Employment , by industry		
_								
.						Imports, Exports* (air/water,		
60	ASDOC	Import*	Commonwealth Port Authority	Imports, Exports	Guam BSP	commodity, origin)		
	AS Treasury	Vessel movement (type, commodity)			Guam Port Authority	Total cargo movements		
_	AS Office of Petro Mgmt	Gas Imports						
					Guam Division of Aquatic and	(type of fisheries); landing, lbs., \$,		
	AS Department of Public Works	Land use & permits (type)	CNMI DOF	Business Revenue, by industry	Wildlife resources	trip#		
					Pacific Islands Fisheries Science	Estimated commercial landings		
ya .	AS Dept of Marine and Wildlife	Estimate offshore catch (method)		Imperial Pacific Financial Stmt	Center	(location, lbs., \$)		
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<b>"</b>	NOAA Fisheries	Fishing industry, animal interaction	NOAA Fisheries	Fishing industry, animal interaction	NOAA Fisheries	Fishing industry, animal interaction	NOAA Fisheries	Fishing industry, animal interaction
	Western Pacific Regional Fishery	Annual Stock Assessment and						
	Management	Fishery Evaluation	CNMI DOC	Banking deposits, loans	Guam Bankers Association	Banking deposits, loans		
		·			Dept of Revenue and Tax	Insurance receipts, disbursements		
Ε	ASDOC	Arrival	Hotel Association of CNMI	Hotel daily rate, vacancy	GVB	Visitor #, spending	USVI BER	Arrival (air, cruise)
<u>.</u>	AS Department of Legal Affairs	Visitor (country, purpose)	MVA	Arrival/Departs; Tourism employmen				
Tourism	DOI NPS	NPS Visitation			DOI NPS	NPS Visitation	DOI NPS	NPS Visitation
$\overline{}$	AS Telecom Authority	Telephone, internet access	IT&E	Phone line access (geo)	Guam EPA	Disposal and Recycling		
	AS TELECOM Additionly	Electricity generation, sales	TIGE	Priorie fille decess (geo)	Gddill EFA	Disposar and Recycling		
انيا	AS Power Authority	(customer class)			Guam Power Authority	Consumption, Users, revenue, (type)		
ınfras.	AS POWER AUTHORITY	(customer crass)			Dept of Tax and Rev			
-					Dept of Tax and Rev	appraisal (type), # of buildings,		
						Water consumption, revenue,		
					Guam Waterworks Auth	sewage discharge (type)		
		Migration, births, communicable				Number, services, Inpatients,		
۽ا	AS Health Information Management	diseases (type), outpatient visits				payments, births, deaths, diseases		
Health	Department	(type), hospital discharges (type)			Guam hospitals	(type)		
Ξ					Guam Dept of Health and Social	Diseases (age, gender, education,		
					Services	income)		
一	ASDOC	Population	CNMI DOC	Remittances				
	Office of the Register	Marriages			Guam Homeless Coalition	Homelessness (demo, geo)		
嵳						Enrollment (type, level, geo, employ		
Ē	AS DOC	Graduation, school enrollment,			Guam Dept of Ed	characteristics)		
Demographic						Enrollment (type, gender, age,		
ē	AS CC	Higher ed (citizenship, degree, age)			University of Guam	ethnicity, degree)		
•	AS Dept of Public Records	Offenses, traffic, corrections				,		
	AS High Court	Court cases (status, type)			Superior Court of Guam, Guam Police	Case filing (type), offender demo		
$\dashv$		122.122.23 (3:0:03), (3pc)			and the state of season, season for the	Table 1		
Other								
āΙ			The Ocean Conservancy	Land and waterway debris (type)	The Ocean Conservancy	Land and waterway debris (type)	The Ocean Conservancy	Land and waterway debris (type)

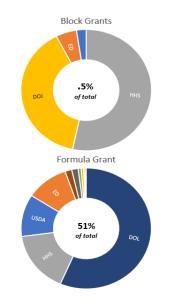
## Administrative Records – CFDA Analysis

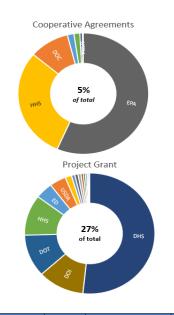
1. Federal Statistical Products

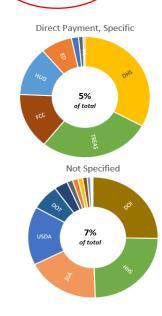
2. Territorial Statistical











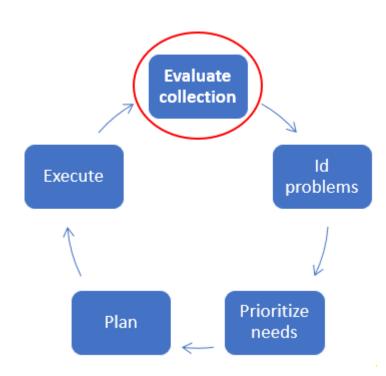
		health		food security		
education	disaster response	economic development	infrastructure		other agriculture	vari aqua

CFDA	CFDA Description	Agency	Receiving Entity	Category of Admin Record	% of 2019
97.036	Disaster Grants	FEMA	Port Authority Utility Corp CNMI Govt	Economic, Infrastructure, *	47%
93.778	Medical Assistance Program	HHS	CNMI Govt	Economic, Health	12%
10.561	Supplemental Nutrition Assistance Program	USDA	CNMI Govt	Economic, Health, Purchase Power	5%
84.403	Consolidated Grants to Outlying Areas	ED	Public School	Economic, Education, Demo	4%
10.551	Supplemental Nutrition Assistance Program	USDA	CNMI Govt	Economic, Health, Purchase Power	4%
10.555	National School Lunch	USDA	Public School	Economic, Education, Demo	3%
15.875	Economic, Social and Political Development	DOI	NM College Port Authority Utility Corp CNMI Govt	Economic, Infrastructure, *	3%
20.106	Airport Improvement	DOT	Port Auth	Economic, Infrastructure	2%
14.239	Home Investment Partnerships Program	HUD	Housing Corp	Economic, Demo	2%
93.767	Children's Health Insurance Program	HHS	CNMI Govt	Economic, Health, Demographics	1%
84.027	Grants for Education of Children w/ Disabilities	ED	Public School	Education	1%
66.600	Environmental Protection	EPA	Utility Corp CNMI Gov	Infrastructure	1%

## **Next Steps and Discussion**

### Inventory of Current Environment

- Methodology? Are there are ideas/examples of a comprehensive review of federal statistical products?
- Scope? Do we need to expand to non-statistical agencies?
   How do we develop that framework?
- Audience/ Deliverable? A report? A database?
- What can we do with the information?
  - Identify gaps and prioritize needs?
  - Statistical Capacity Development plans?
  - Upward (federal) or downward (territorial) push?
  - Resources required (funding and knowledge)
- Who takes this leadership role?
- Dissemination and Analysis





## **Contact Information**

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