Illinois Oral Health Surveillance System (IOHSS)

EVALUATION PLAN

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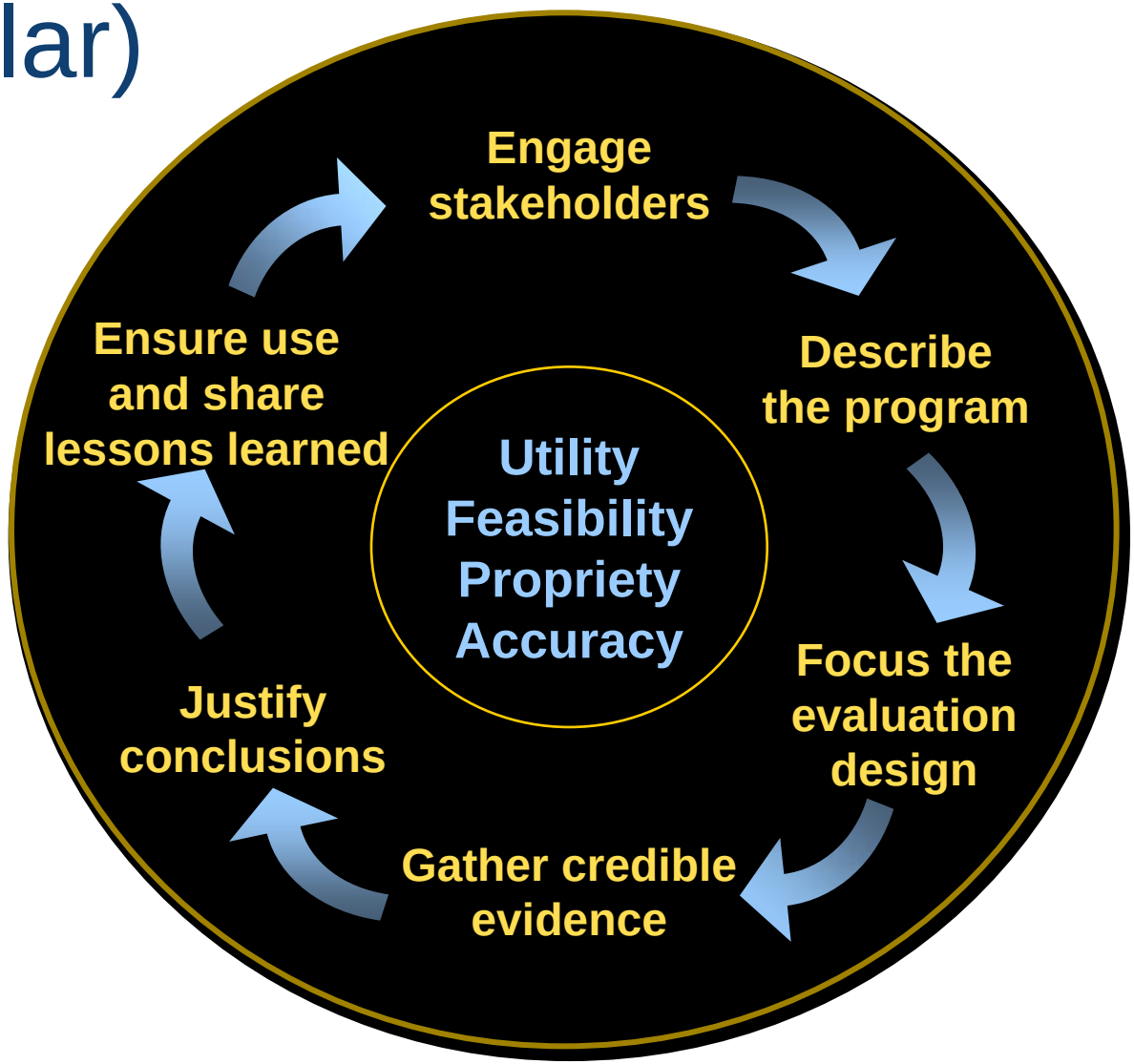
Why evaluate?

- to increase the system's utility and efficiency
- the **only** way to separate programs that promote health and prevent disease from those that do not
- it is a driving force for planning effective public health strategies, improving existing programs, and demonstrating the results of and investments
- to ensure that its being monitored efficiently and effectively

IOHSS Evaluation Tool

IOHSS Stage	Evaluation Question /Activity	Evaluation Impact
Planning	• What data sets exist? • Who are the potential partners? • Where are the data gaps? • Sources of financial support, stakeholders • Survey / Email other departments, states and CDC to learn potential partners • CDC guideline to evaluate the system - data validity, integrity, completeness, timeliness	• Understanding the strengths and weaknesses of IOHSS • Assure data validity • Identify gaps • Identify potential partners • Plan for financial resources
Implementation	• Does IOHSS have sufficient IT support, security check, solid surveillance plan and sustainability plan? • Awareness of IOHSS among partners and stakeholders • Identify new partners and stakeholders • Use CDC guideline to evaluate the system • Usefulness of IOHSS among key stakeholders and community	• Were people able to use the data collected • Awareness of IOHSS • Find out our potential financial supporters • Are we satisfying our partners/stakeholders for data needs? • Help develop marketing strategies
Maintenance	• Evaluate the reach of the information, timeliness of the analysis and dissemination of the reports • Evaluate the policy and legislative actions taken due to the system by tracking the environment • Evaluate the sustainability of IOHSS	• Helps to understand the success of IOHSS • Increases the system's efficiency • Helps develop policies and legislative actions • Can promote sustainability

Program evaluation approach (circular)



CDC Guidelines

- **Task A. Engage Stakeholders**
- Surveillance advisory committee
- Partners and Stakeholders
- Evaluation questionnaire

Task B. Describe the Surveillance System to be evaluated

B.1. Describe the public health importance of the oral health under surveillance.

- *Healthy People 2010* objectives, National Oral Health Surveillance System, Surgeon General's Report (2000) and the Illinois Oral Health Plan, 2000.

B.2. Describe the Purpose and Operation of the System

- Describe the planned uses of the data
- Describe the health-related event being monitored under surveillance, including the case definition for each specific condition
- Cite any legal authority for the data collection
- Describe where in the organization(s) the system resides, including the context (e.g., the political, administrative, geographic, or social climate) in which the system evaluation will be done
- Describe the level of integration with other systems, if appropriate.
- Describe the components of the system.
  ----Does the system comply with an applicable records management program? For example, are the system's records properly archived and/or disposed of?

B.3. Describe the Resources Used to Operate the Surveillance System

- Funding source(s): Specify
- Personnel requirements
- **Other resources:** travel, training, supplies, computer and other equipment, and related services (e.g., mail, telephone, computer support, Internet connections, and hardware/software maintenance).

Task C. Focus the Evaluation Design

- Determine the specific purpose of the evaluation (e.g., a change in practice)
- Identify stakeholders (Task A) who will receive the findings and recommendations of the evaluation (i.e., the intended users)
- Consider what will be done with the information generated from the evaluation (i.e., the intended uses)
- Specify the questions that will be answered by the evaluation
- Determine standards for assessing the system's performance

Task D. Gather Credible Evidence Regarding the Performance of the Surveillance System

D.1. Indicate the level of usefulness by describing the actions taken as a result of analysis and interpretation of the data.

D.2. Describe each of the following system attributes

- Simplicity
- Flexibility
- Data quality
- Acceptability
- Sensitivity
- Timeliness
- Stability

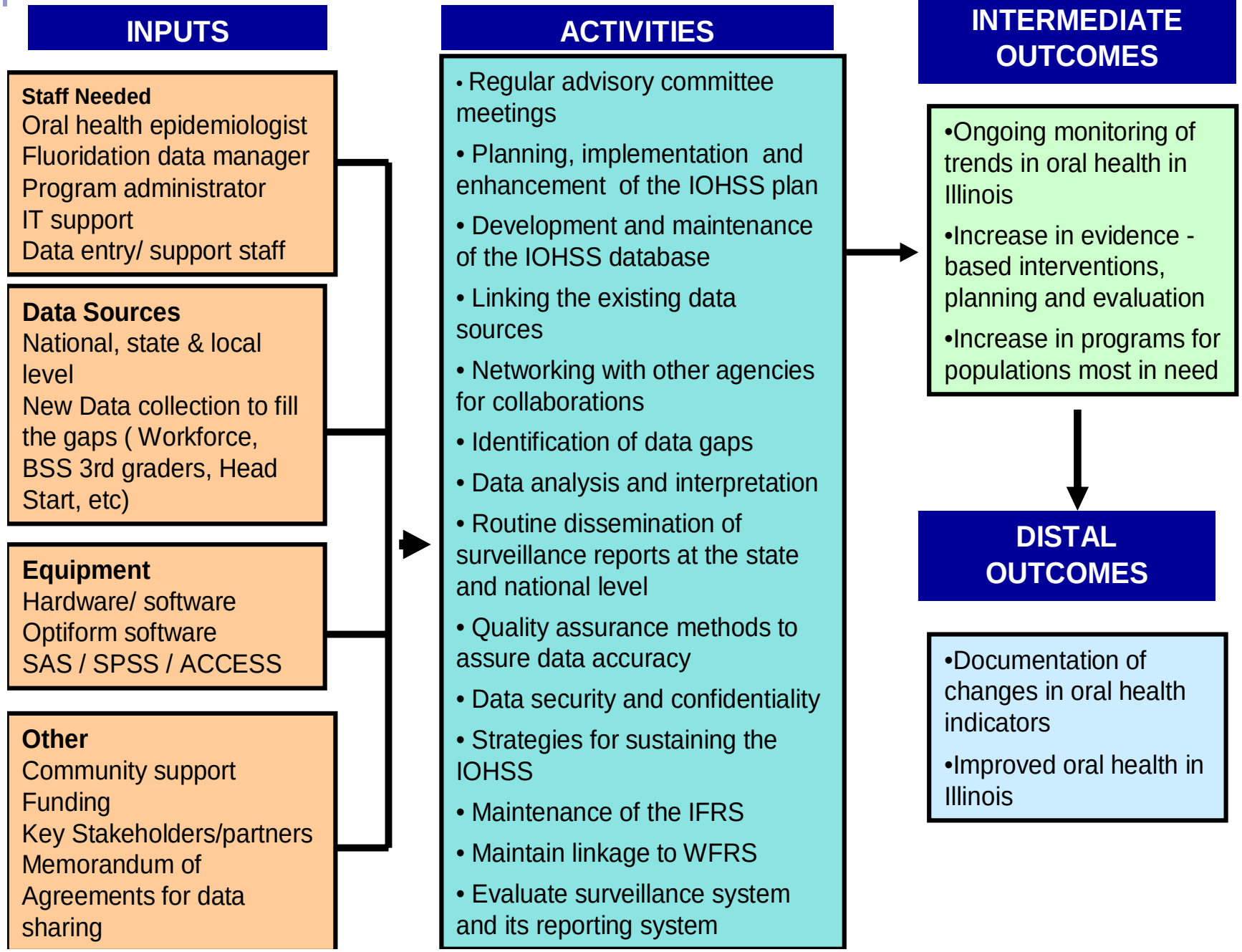
Task E. Justify and State conclusions and Make Recommendations

- **For example:** Oral Health needs to partner with nontraditional partners – For example, In Illinois; the Division of Oral Health partnered with the Division of Chronic Disease for the 3rd grade BSS. The oral health status along with obesity data was collected.

Task F. Ensure Use of Evaluation Findings and Share Lessons Learned

- Low sealant rate in Chicago
- Oral Health and Obesity partnership
- Oral Health and Diabetes partnership

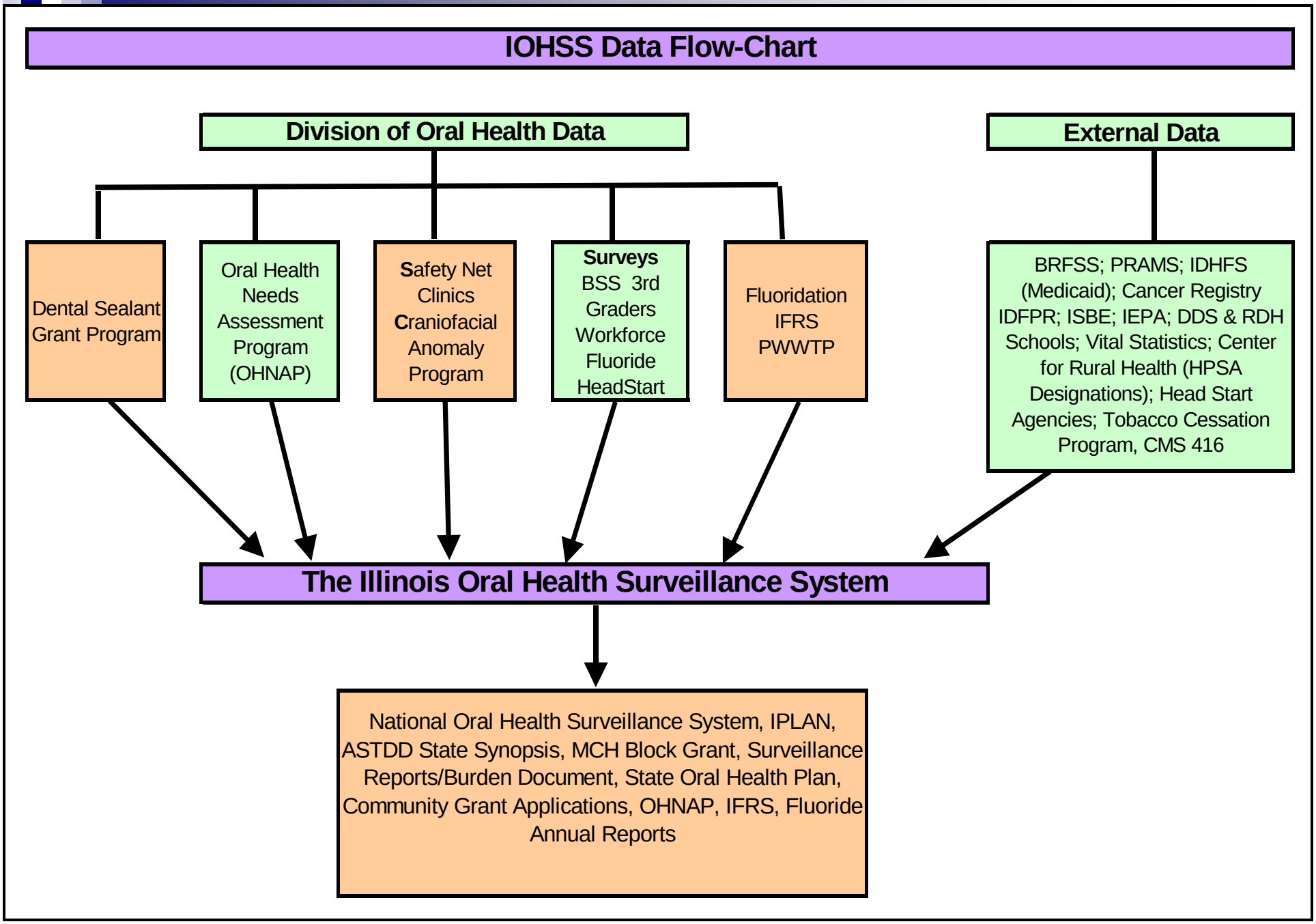
IOHSS LOGIC MODEL



	2001	02	03	04	05	06	07	08	09	10	11
Primary Data											
Mandatory School Dental Examination - K, 2 & 6 Grades					X	X	X	X	X		
BSS – 3rd Graders			X					X			
Workforce Survey/Licensure Renew al				X		X			X		
IL Fl Survey among DDS/RDH			X								
BSS – Senior citizens								X			
BSS –ECC- HeadStart						X					X
Secondary Data											
BRFSS	X		X		X		X		X		X
County BRFSS			X			X			X		
PRAMS	X	X	X	X	X	X	X	X	X	X	X
Cancer Registry	X	X	X	X	X	X	X	X	X	X	X
Dental Sealant Grant	X	X	X	X	X	X	X	X	X	X	X
HFS Medicaid	X	X	X	X	X	X	X	X	X	X	X
Craniofacial Anomaly	X	X	X	X	X	X	X	X	X	X	X
IL Fluoridation Reporting System	X	X	X	X	X	X	X	X	X	X	X
Dental Professional Licensure	X	X	X	X	X	X	X	X	X	X	X
Private Well Water Testing	X	X	X	X	X	X	X	X	X	X	X
Safety Net Dental Clinics	X	X	X	X	X	X	X	X	X	X	X
Vital Statistics	X	X	X	X	X	X	X	X	X	X	X

IOHSS Sustainability Tool		
Who uses the IOHSS data	**Why do they use the IOHSS data**	**Should we approach for partnership/resources to help support system – if valuable to them – interest in keeping data current, valid, available etc**
IFLOSS	Planning, advocacy	Yes
Local health departments	For developments of grants, program planning	No
Illinois State Dental Society (ISDS)	Policy development, Advocacy	Yes
Educational institutes – Dental and Dental Hygiene Schools	Policy development, advocacy	Yes
Other departments or agencies in the department of Public Health	Collaborations, shared of resources	Yes
Illinois Primary Healthcare Association	To address the dental shortage access issues, Advocacy	Yes
Non-traditional partners like CLOCC	Advocacy	Yes
Illinois Rural Association	To address the dental shortage access issues, Advocacy	Yes

How important is that data and can they get it from elsewhere?
Who else can we approach – market the IOHSS to increase need for system and probable sustainability?


IOHSS Data Flow-Chart
Division of Oral Health Data
External Data
Dental Sealant Grant Program
Oral Health Needs Assessment Program (OHNAP)
Safety Net Clinics Craniofacial Anomaly Program
Surveys BSS 3rd Graders Workforce Fluoride HeadStart
Fluoridation IFRS PWWTP
BRFSS; PRAMS; IDHFS (Medicaid); Cancer Registry IDFPR; ISBE; IEPA; DDS & RDH Schools; Vital Statistics; Center for Rural Health (HPSA Designations); Head Start Agencies; Tobacco Cessation Program, CMS 416
The Illinois Oral Health Surveillance System
National Oral Health Surveillance System, IPLAN, ASTDD State Synopsis, MCH Block Grant, Surveillance Reports/Burden Document, State Oral Health Plan, Community Grant Applications, OHNAP, IFRS, Fluoride Annual Reports

What next?

- BSS is costly and time consuming?
- Sentinel data a possibility?

Thank you

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