



FUTURE STATE

— LLC —

DATA INFORMED. RESULTS DRIVEN.

BUSINESS INTELLIGENCE FOR COMMUNITY SOLUTIONS

FUTURE STATE

LLC

DATA INFORMED. RESULTS DRIVEN.



DIKAR

Data Information Knowledge Action Results

**CREATING CONNECTIONS BETWEEN
DATA AND RESULTS**



USE DATA TO DRIVE RESULTS

Data → Information → Knowledge → Action → Results





DIKAR IN PRACTICE

Data	Information	Knowledge	Action	Results
<p>Data We Have</p> <p>Total child count</p>	<p>Daily screening rates by program, location, age and demographics</p> <p>On-time delivery rates by program, location, age and demographics</p> <p>Gaps: Geomap of Delivery Rates and Results</p> <p>Screen results by domain area</p> <p>Duplicate screen counts</p>	<p>What is the current rate of screening?</p> <p>Which orgs have greatest access to target population?</p> <p>How many developmental screenings have been completed to date by agency and by age of children screened?</p> <p>Where are there gaps in screens by age and location?</p> <p>How many duplicate screens are being deployed?</p> <p>What are the results of screening?</p> <p>What is the number and percentage of children screened that are located in priority zip codes?</p> <p>Are there regions where students with risk factors cluster?</p> <p>What funders would be interested in this system of care?</p> <p>What data do funders want to see?</p> <p>How do funders want to see this data?</p>	<p>Develop Partnership</p> <p>Engage systems that have access to kids</p> <p>Prioritize orgs with greatest access</p> <p>Develop common database to track screening</p> <p>Track rate of developmental screens in (near) real time</p> <p>Track rate of screening by program</p> <p>Identify gaps in screening</p> <p>Improve on-time delivery of screenings</p> <p>Fund System</p> <p>Allocate funds</p> <p>Advocate increased funding for screening networks</p> <p>Deliver results data for funders</p> <p>Measure cost savings(?)</p>	<p>All children ages 0-5 have access to on-time developmental screens</p>
<p>Data We Need</p> <p>Screening results data</p> <p>Screening delivery date</p> <p>Enrollment data from participating programs (programs.org)</p> <p>Children: Age, Demographics, Location, Address</p>				

START WITH THE END IN MIND

DIKAR Exercise: Results should ideally be specific and measurable



START WITH THE END IN MIND

DIKAR Exercise: Results should ideally be specific and measurable



Result: All children Ages 0-5 will have access to on-time developmental screens

START WITH THE END IN MIND

DIKAR Exercise: Results should ideally be specific and measurable



Result: All children Ages 0-5 will have access to on-time developmental screens

MAP RESULTS TO ACTIONS

DIKAR Exercise: What actions will drive your results?



Result: All children Ages 0-5
will have access to on-time
developmental screens



MAP RESULTS TO ACTIONS

DIKAR Exercise: What actions will drive your results?



Actions:

- **Track** rate of developmental screens across all programs
- **Identify** gaps
- **Improve** on-time delivery
- **Engage** parents to ask for screening

WHAT KNOWLEDGE DO YOU NEED?

DIKAR Exercise: What questions will you have to answer to inform your actions?



Result: All children Ages 0-5 will have access to on-time developmental screens



Actions: Track rate of developmental screens across all programs



WHAT KNOWLEDGE DO YOU NEED?

DIKAR Exercise: What questions will you have to answer to inform your actions?



Knowledge

Questions:

- What is the current rate of screening?
- What are the barriers to screening in childcare, pediatrics, and for parents?
- What are the screening results?

INFORMATION FUELS KNOWLEDGE

DIKAR Exercise: What information will help answer your questions?



Results

Result: All children Ages 0-5 will have access to on-time developmental screens



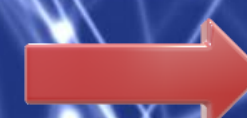
Action

Actions: Track rate of developmental screens across all programs



Knowledge

Questions: What is the current rate of screening?



Information

INFORMATION FUELS KNOWLEDGE

DIKAR Exercise: What information will help answer your questions?



Information:

- On-time delivery rates by program, location, age and demographics
- Gaps: Geomap of Screening results and access to services

TRANSFORMED DATA CREATES USABLE INFORMATION

DIKAR Exercise: What data do you have and what else do you need?



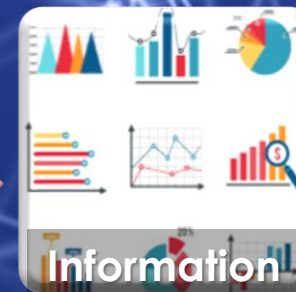
Result: All children
Ages 0-5 will have
access to on-
time screens



Actions: Track
rate of
developmental
screens across
all programs



Questions: What
is the current
rate of
screening?



Information: On-
time delivery
rates by program,
location, age,
demographics



TRANSFORMED DATA CREATES USABLE INFORMATION

DIKAR Exercise: What data do you have and what else do you need?



Data:

- Screening results by domain
- Screening date
- Child-level: Age, Demographics, Name, Address
- Unique IDs for kids in HMG STAR system

FUTURE STATE

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DATA INFORMED. RESULTS DRIVEN.

DON'T GET LOST IN YOUR DATA



**START WITH
THE DATA
YOU HAVE!**



**FIND INSIGHTS,
CELEBRATE & GROW**

Confusion

how much DATA
you have

TRANSFORMED DATA CREATES USABLE INFORMATION

DIKAR Exercise: What data do you have and what else do you need?



What data can we access now?

- How can we transform it to answer our questions?

TRANSFORMED DATA CREATES USABLE INFORMATION

DIKAR Exercise: What data do you have and what else do you need?



What data do we need to gain access to?

- How can we develop a strategic engagement and technical plan to gain this access?
- Who needs to be involved?

LEVERAGING THE DIKAR

Develop explicit linkages between the five components



Results

Result: All children
Ages 0-5 will have
access to on-
time screens



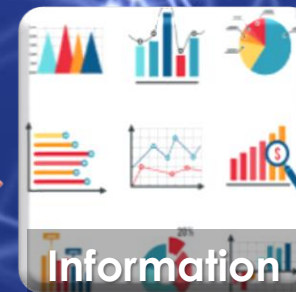
Action

Actions: Track
rate of
developmental
screens across
all programs



Knowledge

Questions: What
is the current
rate of
screening?



Information

Information: On-
time delivery
rates by program,
location, age,
demographics



Data

Data: Screening
results by
domain; date;
Child-level:
Demographics,
Name, Address

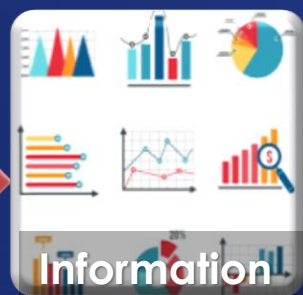
LEVERAGING THE DIKAR

Develop explicit linkages between the five components



Data

Data: Screening results by domain; date; Child-level: Demographics, Name, Address



Information

Information: On-time delivery rates by program, location, age, demographics



Knowledge

Questions: What is the current rate of screening?



Action

Actions: Track rate of developmental screens across all programs



Results

Result: All children Ages 0-5 will have access to on-time screens

Developmental Screening Action #2: On-time delivery and gap identification



DIKAR USE CASES

- Gain clarity about what actions are needed to achieve goals
- Align partners around goals and the data needed to drive them
- Develop clear case for why data is needed with stakeholders, funders and policy makers
- Craft strategic engagement plan for which partners need to be at the table to drive your effective system development

DIKAR USE CASE SHARE OUT

How could you use these DIKAR concepts within your own systems of care?



DEVELOPING YOUR DIKAR

Data	Information	Knowledge	Action	Results
Data We Have <div>Total child count</div>	<div>Daily screening rates by program, location, age and demographics</div> <div>On-time delivery rates by program, location, age and demographics</div> <div>Gaps: Geomap of Delivery Rates and Results</div> <div>Screen results by domain area</div> <div>Duplicate screen counts</div>	<div>What is the current rate of screening?</div> <div>Which orgs have greatest access to target population?</div> <div>How many developmental screenings have been completed to date by agency and by age of children screened?</div> <div>What funders would be interested in this system of care?</div> <div>What data do funders want to see?</div> <div>How do funders want to see this data?</div> <div>Where are there gaps in screens by age and location?</div> <div>How many duplicate screens are being deployed?</div> <div>What are the results of screening?</div> <div>What is the number and percentage of children screened that are located in priority zip codes?</div> <div>Are there regions where students with risk factors cluster?</div> <div>What is the capacity of orgs to deploy dev screens?</div> <div>How can we create incentives for orgs to participate?</div>	<div>Develop Partnership</div> <div>Engage systems that have access to kids</div> <div>Prioritize orgs with greatest access</div> <div>Develop common database to track screening</div> <div>Track rate of developmental screens in (near) real time</div> <div>Track rate of screening by program</div> <div>Identify gaps in screening</div> <div>Improve on-time delivery of screenings</div> <div>Fund System</div> <div>Allocate funds</div> <div>Advocate increased funding for screening networks</div> <div>Deliver results data for funders</div> <div>Measure cost savings(?)</div>	<div>All children ages 0-5 have access to on-time developmental screens</div>
Data We Need <div>Screening results data</div> <div>Screening delivery date</div> <div>Enrollment data from participating programs (programs.csv)</div> <div>Children: Age, Demographics, Location, Address</div>				



DEVELOPING YOUR DIKAR

- Orient around your Results
- Select one or two Results to focus your first efforts
- Brainstorm content to fill in the Actions, Knowledge, Information, and Data that support your chosen results
 - There are no wrong answers!
- Refine your content and create clear linkages between the components

CASE STUDY: HMG NEW YORK

Current-State Results

Get Ready to GROW

All children 0-5 have access to on-time developmental screens.

All parents are aware of the value of developmental screenings

Have sustainable funding to achieve all results.

HMG Onondaga

Increased screening of children birth to five years of age

Increased effective linkages to services and supports for children not meeting developmental milestones

Improved parent and caregiver knowledge of child developmental and developmental milestones

HMG WNY

Reach statistically significant increase in the number of children aged birth to five years screened using the ASQ-3 and ASQ:SE-2

Reach statistically significant increase in early detection of developmental concerns

Reach statistically significant increase in number of appropriate referrals and successful linkages to services and supports



HMG New York DIKAR

Developmental Screens

Referral Effectiveness

Data	Information	Knowledge	Action	Results
<p>Data We Have</p> <p>Total child count</p> <p>Data We Need</p> <p>Screening results data</p> <p>Screening delivery date</p> <p>Birthdate, race, sex, ethnicity, zip code, language spoken at home</p> <p>Child's age, sex, ethnicity, zip code, language spoken at home</p>	<p>Daily screening rates by program, location, age and demographics</p> <p>On-time delivery rates by program, location, age and demographics</p> <p>Geographic distribution of delivery results and areas</p> <p>Screen results by domain area</p>	<p>What is the current rate of screening?</p> <p>What is the capacity of orgs to deploy dev screens?</p> <p>How can we create incentives for orgs to participate?</p> <p>What are the results of screening?</p> <p>How many duplicate screens are being deployed?</p> <p>What are the results of screening?</p> <p>Where are there gaps in orgs and location?</p> <p>What patterns do we see?</p> <p>What funders would be interested in this system of care?</p> <p>What data do funders want to see?</p> <p>How do funders want to see this data?</p> <p>Are there opportunities to leverage existing data?</p>	<p>Develop Partnership</p> <p>Engage systems that have access to data</p> <p>Prioritize orgs with greatest access</p> <p>Develop common database to track screening</p> <p>Track rate of developmental screens in (near) real time</p> <p>Track rate of screening by program</p> <p>Identify gaps in screening</p> <p>Improve on-time delivery of screenings</p> <p>Fund System</p> <p>Allocate funds</p> <p>Advocate for increased funding for screening networks</p> <p>Deliver results data for funders</p> <p>Measure cost savings(?)</p>	<p>All children ages 0-5 have access to on-time developmental screens</p>
<p>Family</p> <p>Birth Record Information</p> <p>Identified Needs</p> <p>Current Information and Services</p> <p>Unique ID</p> <p>Family Engaging Services</p> <p>Presence of services for child, parent, caregiver, community</p> <p>Service types referred to</p> <p>Parent satisfaction survey data</p> <p># of referrals made</p> <p># of children / families served</p> <p>Services</p> <p>Quality of care data, including parent, provider, community</p> <p>OCES data on care, access, capacity and referrals</p> <p>Directory of community resources</p>	<p>Family</p> <p>Current Information and Services</p> <p>Current Management System</p> <p>Current Information and Services</p> <p>Family Engaging Services</p> <p>Screening results by domain area</p> <p>Screening results by domain area</p> <p>Screening results by domain area</p> <p>Screening results by domain area</p> <p>Screening results by domain area</p> <p>Services</p> <p>Provider / service capability, availability and quality</p> <p>Searchable provider directory with a link to specialties</p>	<p>Family</p> <p>Current Information and Services</p> <p>Current Management System</p> <p>Current Information and Services</p> <p>Family Engaging Services</p> <p>What was the experience of the family?</p> <p>What was the experience of the family?</p> <p>What was the experience of the family?</p> <p>What was the experience of the family?</p> <p>What was the experience of the family?</p> <p>Services</p> <p>Know what and where services exist</p> <p>Know what and where services exist</p> <p>Know what and where services exist</p>	<p>Family</p> <p>Implement a central access point</p> <p>Family Engaging Services</p> <p>Track parent experience (from monthly survey)</p> <p>Follow up to see if services were effective</p> <p>Start that enable tracking access to services</p> <p>Services</p> <p>Maintaining an up-to-date resource directory</p>	<p>All children ages 0-5 with identified needs receive effective services and supports. (Close the loop)</p>

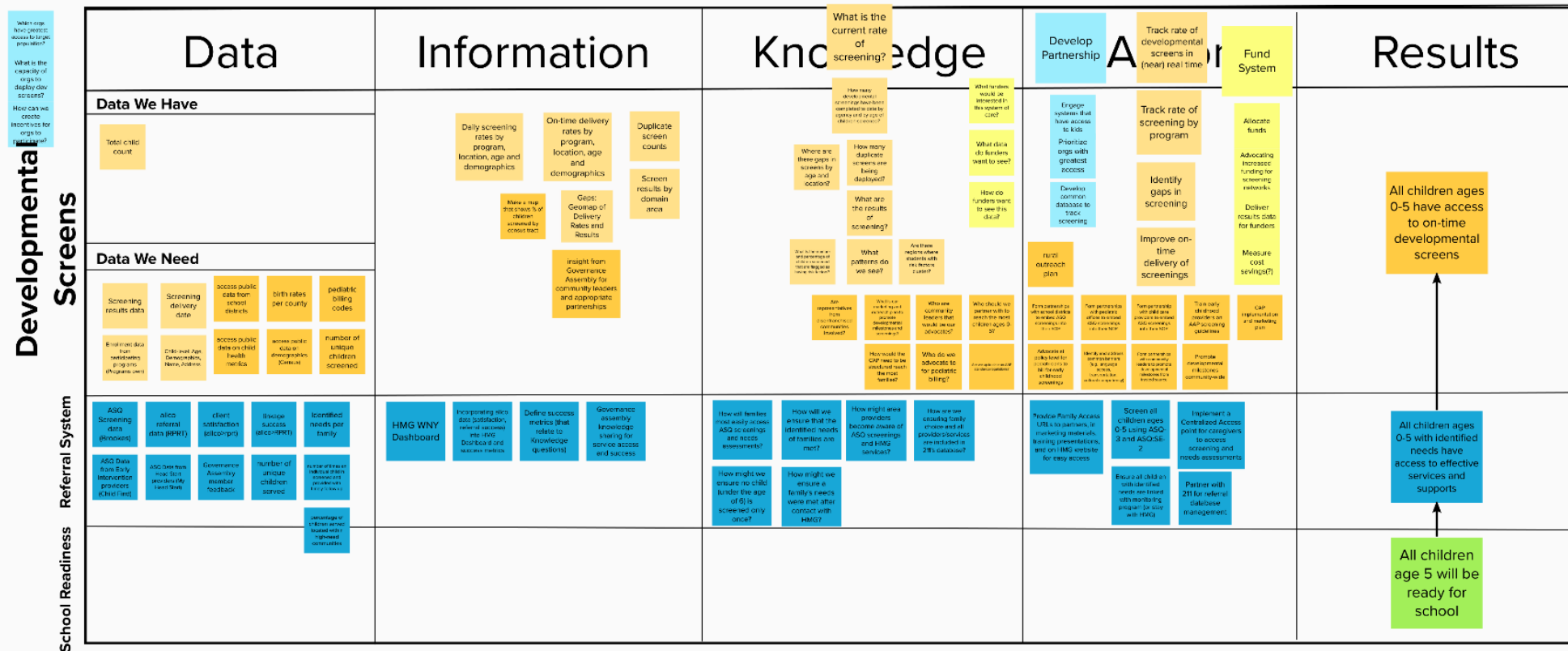


HMG Rochester DIKAR

	Data	Information	Knowledge	Action	Results
Developmental Screens	Data We Have 				
	Data We Need 				
Referral Effectiveness					
Referral System					
Family Engagement					

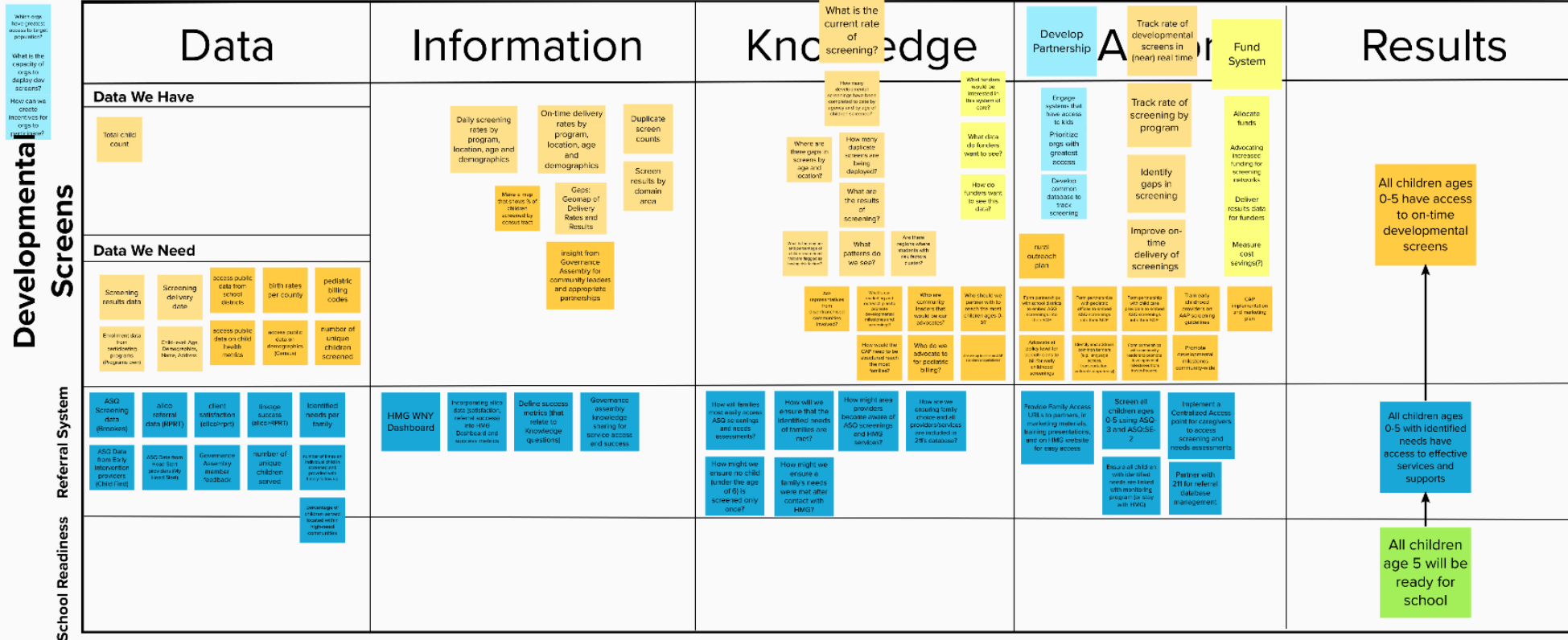


HMG WNY DIKAR





HMG WNY DIKAR



CONNECTED DATA FOR CIVIC INFRASTRUCTURE IS THE FUTURE



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