OHS Monitoring:

FY 2015 HSKI Analyses

Results

Purpose of these analyses

- To develop a screener tool that indicates risk for findings in
  - Program Governance (GOV)
  - Management Systems (SYS)
  - Fiscal Integrity (FIS)
  - School Readiness (SR)
- Tool could trigger in-depth review in any or all of the four content areas

Methodology

- Used OHSMS data from:
  - FY2012/2013
  - FY2014
- Analyses included:
  - Correlations between CM findings and total findings in a given protocol section ($p < .05$)
  - Correlations between CM findings and membership in "high" and "low" performance groups ($\phi \geq .26$)
- Analyses predicted to all CMs in the related protocol section (e.g., FIS analyses predicted to findings in all of the CMs in Fiscal section)
  - SR analyses predicted to set of CMs that were related to school readiness based on discussions with OHS

CMs Selected for School Readiness Outcome

- CDE1.1 & 1.2: School Readiness goals
- CDE 2.1 & 2.2: Curriculum selection and implementation
- CDE 3.1 – 3.5: Individualized services for children
- CDE 4.1-4.8: Quality teaching and learning

CMs Selected for School Readiness Outcome (2)

- CHS1.1 - 1.7: Child access to health and dental care
- CHS2.1 – 2.3: Child health screening and referrals
- FCE2.1 – 2.3: Parent-child relationships through parent education
- FCE3.1: Parents as full partners in child's education
- FCE3.2: Families' access to family literacy development materials
- FCE4.1: Successful transitions into and out of EHS/HS

Program Governance HSKI CMs

- 20 potential GOV CMs have been identified through the KI analysis with the two data sets
- CMs come from 7 protocol sections:
  - SYS (7)
  - GOV (5)
  - CDE (2)
  - FCE (2)
  - CHS (2)
  - ERSEA (1)
  - FIS (1)
- Data sources include: interviews and document reviews

Program Governance HSKI CMs – FY 2012/2013 Data

CM	CM Text	r	ϕ	Source	FY DATA
GOV2.2	GB responsibilities regarding program administration and operations	.85	.90	Interview	2012/13
GOV2.1	Training and Technical Assistance for GB and PC	.78	.70	Interview	2012/13
CDE1.2	System to track, use, and report on SR goals	.59	.64	Interview	2012/13
ERSEA3.2	Enrolled 100% funded enrollment	.58	.61	Interview	2012/13
GOV2.4	PC submits program activity decisions to GB	.58	.61	Interview	2012/13
SYS1.1	Systematic planning	.68	.61	Interview	2012/13
GOV2.3	GB fiscal and legal oversight of program policies	.71	.58	Interview	2012/13

Program Governance HSKI CMs – FY 2012/2013 Data (2)

CM	CM Text	r	ϕ	Source	FY DATA
CDE3.4	Child access to mental health services	.58	.55	Interview	2012/13
SYS3.1	Human resources system	.35	.47	Interview	2012/13
FCE1.3	Partnerships with parents	.56	.43	Interview	2012/13
FCE1.4	Provide services to parents	.56	.43	Interview/ Documents	2012/13
SYS1.2	Annual Self-Assessment	.40	.43	Interview	2012/13
SYS3.2	Standards of conduct	.56	.43	Interview	2012/13
SYS4.1	Communication mechanisms	.56	.43	Interview	2012/13
CHS1.2	Child access to health/dental care	.36	.39	Child file	2012/13
SYS3.4	Criminal record checks of staff	.36	.33	Interview	2012/13

Program Governance HSKI CMs – FY 2014 Data

CM	CM Text	r	ϕ	Source	FY DATA
GOV2.2	**GB responsibilities regarding program administration and operations**	**.56**	**1.00**	**Interview**	**2014**
GOV2.3	**GB fiscal and legal oversight of program policies**	**.56**	**1.00**	**Interview**	**2014**
GOV3.1	Reporting to GB and PC	.88	.96	Interview	2014
CHS3.2	Safety of equipment, toys, furniture, and facilities	.41	.59	Observation	2014
FIS5.3	Non-Federal Share contributions are necessary and reasonable	.29	.45	Documents	2014
SYS5.2	Publication and availability of an Annual Report	.30	.37	Interview	2014

N.B. Bold text indicates overlap with findings from FY 2012/2013 data.

Management Systems HSKI CMs

- 20 potential SYS CMs have been identified through the KI analysis with the two data sets
- CMs come from 6 protocol sections:
  - SYS (8)
  - CHS (4)
  - CDE (3)
  - FCE (3)
  - GOV (1)
  - FIS (1)
- Data sources include: interviews, child file reviews, document reviews, and observations

Management Systems HSKI CMs – FY 2012/2013 Data

CM	CM Text	r	ϕ	Source	FY DATA
SYS1.2	Annual Self-Assessment	.36	.60	Interview	2012/13
SYS4.1	Communication mechanisms	.55	.48	Interview	2012/13
CDE1.2	System to track, use, and report on SR goals	.43	.44	Interview	2012/13
SYS2.1	Ongoing Monitoring	.39	.44	Interview	2012/13
CHS2.1	Child health screenings	.39	.41	Child file, Interviews	2012/13
FCE1.4	Provide services to parents	.42	.38	Interview/ Documents	2012/13
SYS3.2	Standards of conduct	.55	.38	Interview	2012/13
SYS5.1	Record–keeping	.38	.37	Interview	2012/13
CDE1.2	Evidence-based curriculum	.49	.34	Interview	2012/13
FCE1.3	Partnerships with parents	.49	.34	Interview	2012/13

Management Systems HSKI CMs – FY 2012/2013 Data (2)

CM	CM Text	r	ϕ	Source	FY DATA
FCE5.1	Established HSAC	.49	.34	Interview	2012/13
CHS3.5	No hazards are present around children	.23	.27	Observation	2012/13
CHS3.3	Usable indoor/outdoor space	.28	.27	Observation	2012/13
GOV2.1	Training and Technical Assistance for GB and PC	.28	.27	Interview	2012/13

Management Systems HSKI CMs – FY 2014 Data

CM	CM Text	r	ϕ	Source	FY DATA
SYS5.2	Publication and availability of an Annual Report	.58	.60	Interview	2014
SYS2.1	**Ongoing Monitoring**	**.63**	**.58**	**Interview**	**2014**
SYS3.3	Staff tuberculosis screening	.49	.58	Staff file	2014
SYS3.4	Criminal record checks of staff	.51	.55	Staff file, Interview, Documents	2014
FIS5.3	NFS contributions are necessary and reasonable	.24	.44	Documents	2014
CHS5.1	Appropriate class sizes	.34	.35	Observation	2014
CDE4.1	Teacher qualifications	.37	.29	Staff file	2014
SYS1.2	**Annual Self-Assessment**	**.20**	**.29**	**Interview**	**2014**

N.B. Bold text indicates overlap with findings from FY 2012/2013 data.

Fiscal Integrity HSKI CMs

- 7 potential FIS CMs have been identified through the KI analysis with the two data sets

- CMs come from 3 protocol sections:
  - FIS (5)
  - SYS (1)
  - GOV (1)

- Data sources include: document reviews, transaction reviews, and interviews

Fiscal Integrity HSKI CMs – FY 2012/2013 Data

CM	CM Text	r	ϕ	Source	FY DATA
FIS6.2	Complete and accurate equipment records	.47	.63	Documents, Transaction	2012/13
FIS2.1	Timely and complete financial records	.41	.37	Documents	2012/13
SYS2.1	Ongoing Monitoring	.33	.31	Interview	2012/13
FIS5.3	NFS contributions are necessary and reasonable	.32	.28	Documents	2012/13
FIS4.1	Signed and approved time records	.33	.27	Transaction	2012/13

Fiscal Integrity HSKI CMs – FY 2014 Data

CM	CM Text	r	ϕ	Source	FY DATA
FIS5.3	**NFS contributions are necessary and reasonable**	**.58**	**.58**	**Documents**	**2014**
FIS1.1	Effective financial management systems	.44	.44	Documents, Interview, Transaction	2014
FIS2.1	**Timely and complete financial records**	**.36**	**.36**	**Documents**	**2014**
FIS6.2	**Complete and accurate equipment records**	**.36**	**.36**	**Documents, Transaction**	**2014**
GOV3.1	Reporting to GB and PC	.29	.29	Interview	2014

N.B. Bold text indicates overlap with findings from FY 2012/2013 data.

School Readiness HSKI CMs

- 22 potential SR CMs have been identified through the KI analysis with the two data sets

- CMs come from 6 protocol sections:
  - CHS (7)
  - CDE (6)
  - SYS (5)
  - FCE (2)
  - ERSEA (1)
  - GOV (1)

- Data sources include: child file reviews, staff file reviews, interviews, and observations

School Readiness HSKI CMs – FY 2012/2013 Data

CM	CM Text	r	ϕ	Source	FY DATA
CHS2.1	Child health screenings	.63	.63	Child files, Interview	2012/13
CDE4.1	Teacher qualifications	.51	.55	Staff files	2012/13
CHS1.5	Health services tracking system	.29	.47	Interview	2012/13
CHS1.2	Child access to health/dental care	.49	.46	Child file	2012/13
CDE3.4	Child access to mental health services	.44	.40	Interview	2012/13
CHS1.1	Child health determinations	.42	.39	Child files	2012/13
CHS6.4	Trained bus monitors	.23	.39	Interview	2012/13
SYS2.1	Ongoing Monitoring	.35	.37	Interview	2012/13
ERSEA2.1	Signed statement and documentation of child eligibility	.37	.35	Child files	2012/13

School Readiness HSKI CMs – FY 2012/2013 Data (2)

CM	CM Text	r	ϕ	Source	FY DATA
CDE1.2	System to track, use, and report on SR goals	.39	.34	Interview	2012/13
CDE4.3	Staff professional development plans	.32	.34	Staff files, Interview	2012/13
SYS3.1	Human resources system	.39	.34	Interview	2012/13
GOV2.2	GB responsibilities regarding program administration and operations	.35	.33	Interview	2012/13
SYS1.1	Systematic planning	.34	.32	Interview	2012/13
FCE2.3	Access to mental health services	.43	.32	Interview	2012/13
SYS5.1	Record–keeping	.26	.31	Interview	2012/13
SYS1.2	Annual Self-Assessment	.29	.31	Interview	2012/13
CDE2.1	Evidenced-based curriculum	.23	.27	Interview	2012/13

School Readiness HSKI CMs – FY 2012/2013 Data (3)

CM	CM Text	r	ϕ	Source	FY DATA
CDE3.1	Individualizing	.16	.27	Interview	2012/13
FCE5.1	Established HSAC	.23	.27	Interview	2012/13
CHS1.7	Health staff member visits newborn 2 weeks after birth	.25	.26	Interview	2012/13

School Readiness HSKI CMs – FY 2014 Data

CM	CM Text	r	ϕ	Source	FY DATA
CDE4.1	**Teacher qualifications**	**.51**	**.48**	**Staff files**	**2014**
CHS1.1	**Child health determinations**	**.51**	**.48**	**Child files**	**2014**
CHS1.7	**Health staff member visits newborn 2 weeks after birth**	**.40**	**.48**	**Interview**	**2014**
CHS2.1	**Child health screenings**	**.48**	**.41**	**Child files, Interview**	**2014**
CHS3.2	Safety of equipment, toys, furniture, and facilities	.21	.26	Observation	2014

N.B. Bold text indicates overlap with findings from FY 2012/2013 data.

Agreement

FY 2012/13	Overall	With Finding in Protocol Section
SR	81%	66%
Governance	69%	59%
Systems	73%	55%
Fiscal	96%	91%

FY 2014	Overall	With Finding in Protocol Section
SR	86%	25%
Governance	94%	100%
Systems	91%	55%
Fiscal	89%	100%

Summary

- 69 potential screener CMs have been identified through the KI analysis with the two data sets
  - GOV: 20 CMs
  - SYS: 20 CMs
  - FIS: 7 CMs
  - SR: 22 CMs
- Overall agreement looks sufficient
  - However, sensitivity is weaker (particularly for school readiness)

Questions

- There are some differences in the results from the two data sets.
  - QUESTION: How should we proceed in identifying the final set of HSKI CMs?

- Data sources include child files, staff files, and observations which can be time consuming to collect
  - QUESTION: Should we look at the agreement when we exclude CMs with time consuming data collection modes?

- CMs have been identified through statistical analysis without an eye toward content
  - QUESTION: Are there items to add for face validity?