

Improving DRDP Data Quality with CCR Data Quality Reports

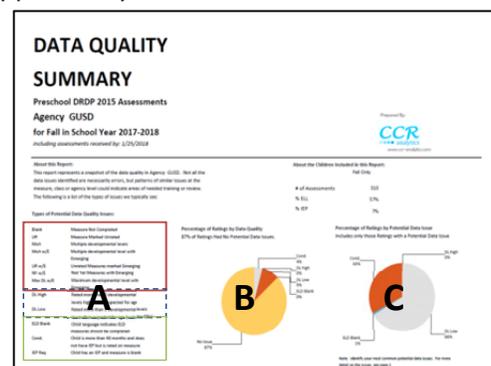
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Series 003

Summary: CCR DRDP Data Quality Reports inform agency and sites specific DRDP areas in need more training and clearer direction. Isolating the types of issues and getting specific corrective action to your team will eventually improve the overall quality of your assessments, making the analysis of DRDP data more meaningful.

There are two variations on the Data Quality Reports; the *Agency (can also be formatted as a Program or Region)* Data Quality Report and the *Site* Quality Report. The reports identify specific measures or locations with higher potential for issues based on the child assessments. Site Quality reports also indicate specific child level assessments with potential quality issues.

Both variations have the same initial structure. We are careful to call these ‘potential issues’, rather than ‘errors’. For example, a child may have been rated at the top of the developmental spectrum despite being only 3 years old. The rating may be correct and supported by evidence, but without knowing the child or the evidence we cannot be sure. For this reason, all data quality reports refer to potential issues, rather than errors.

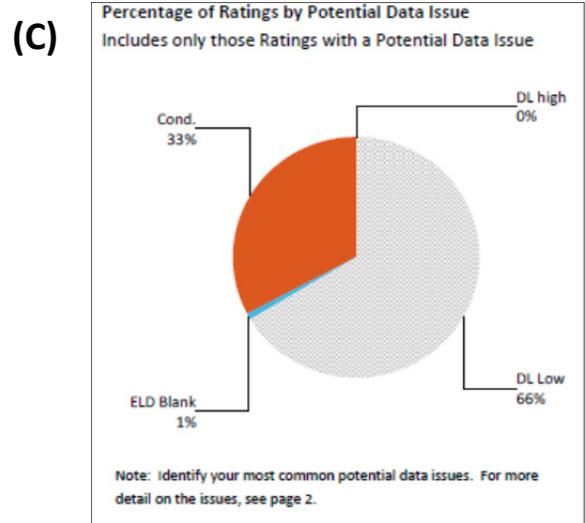
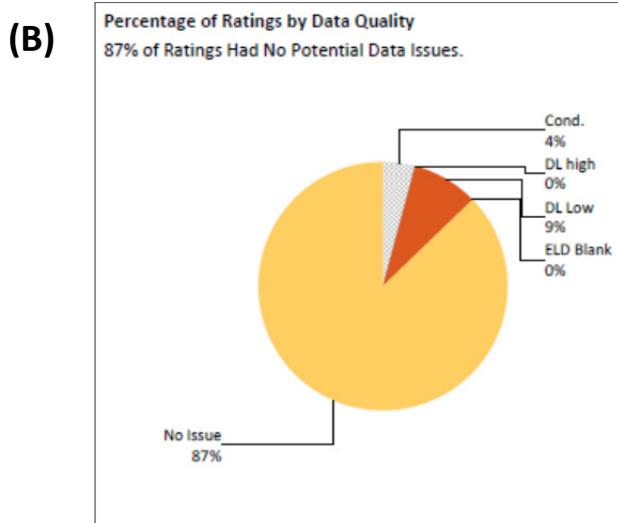
The lower left hand corner (A) of the cover page lists the types of potential errors and the percentage of potential errors found. A more in-depth discussion of the potential issues can be found on page 2 of any data quality report.



(A) Types of Potential Data Quality Issues:

<i>Incomplete or incorrectly completed measures (typically misuse of emerging or unrated measures).</i>	Blank	Measure Not Completed
	UR	Measure Marked Unrated
	Mult	Multiple developmental levels
	Mult w/E	Multiple developmental level with Emerging
	UR w/E	Unrated Measures marked Emerging
	NY w/E	Not Yet Measures marked Emerging
	Max DL w/E	Maximum developmental level with Emerging
	<i>Measures that are much higher or lower than expected based on the age of the child.</i>	DL High
DL Low		Rated more than 2 developmental levels lower than expected for age (excludes IEPs)
<i>Conditional Measures that are completed incorrectly</i>	ELD Blank	Child language indicates ELD measures should be completed
	Cond.	Child is more than 48 months and does not have IEP but is rated on measure
	IEP Req	Child has an IEP and measure is blank

The first pie chart (B) shows the percentage of ratings (not children) with “No Issue” as well as the types of potential issues. In the example above, 87% of the ratings had “No Issue.” 4% have a potential issue with how a Conditional measure was completed. The second pie chart (C) shows the distribution of potential issues alone. So, 4% of the ratings had a potential issue with Conditional Measures (pie chart 1), but this represents 33% of all the potential issues (C). The most prevalent issue for this agency is Developmental Low (children rated more than 2 developmental levels lower than expected for their age). Nine percent of ratings had this as a potential issue, which represents 66% of all potential issues.



Note: Page 2 of any Data Quality report gives specific guidance the definitions of the potential issues as well as ways to use the report to drive the changes needed to improve the quality of your data. Typical programs have less than 10% potential issues.

Following the cover page, Section 1 of the Data Quality report indicates which locations have higher potential for data issues. Those highlighted in yellow have specific potential issues in 5% or more of ratings. As you can see, the ‘Conditional measure’ potential issues are clustered around 2 sites: Columbus and Pacific Preschool. The ‘Developmental Low’ potential issue is more prevalent. In this example, 25% of the ratings at Mann Elementary are suspected to be more than two developmental levels lower than expected.

Count and Percentage of Individual Measure Ratings (Not Children) with Potential Data Issues by Type and Site Identify if the potential errors are isolated or more wide-spread.

	No Issue		Cond.		DL high		DL Low		ELD Blank	
Cherry Elementary	4,977	91%	272	5%	0	0%	205	4%	8	0%
Cloud Preschool	1,731	92%	60	3%	0	0%	94	5%	0	0%
College	613	96%	20	3%	0	0%	4	1%	0	0%
Columbus	1,684	88%	104	5%	0	0%	116	6%	0	0%
Mann Elementary	1,033	74%	14	1%	0	0%	351	25%	0	0%
Pacific Preschool	1,461	79%	96	5%	1	0%	273	15%	12	1%
Jefferson Elementary	2,132	85%	92	4%	1	0%	288	11%	0	0%

