Table 5. Reasons for Variance in Specialty Identification and Reliability for Concurrent Data

	Analyst 1	Analyst 2	Reliability
Cardiology 2012			**99.4%**
Data update: State specialty taxonomy record was added after Analyst 1 data extraction		3	
Data update: NPPES taxonomy code was added/updated after Analyst 1 data extraction		1	
Data update: Specialty-related visit claims added after Analyst 1 data extraction		2	
Processing: Identification of rendering NPI in the Line Information table by Analyst 2		3	
Cardiology 2013			**99.8%**
Data update: State specialty taxonomy record was added after Analyst 1 data extraction		2	
Data update: NPPES taxonomy code was added/updated after Analyst 1 data extraction		2	
Data update: Specialty-related visit claims added after Analyst 1 data extraction		2	
Processing: Identification of rendering NPI in the Line Information table by Analyst 2		1	
Dermatology 2012			**99.6%**
Data update: NPPES taxonomy code was added/updated after Analyst 1 data extraction		2	
Data update: Specialty-related visit claims added after Analyst 1 data extraction		5	
Processing: Identification of rendering NPI in the Line Information table by Analyst 2		1	
Dermatology 2013			**100%**
Data update: NPPES taxonomy code was added/updated after Analyst 1 data extraction		1	
Data update: Specialty-related visit claims added after Analyst 1 data extraction		3	
Endocrinology 2012			**98.2%**
Processing: Identification of rendering NPI in the Line Information table by Analyst 2		2	
Endocrinology 2013			**100%**
No variance			
Gastroenterology 2012			**99.5%**
Data update: Specialty taxonomy record was added after Analyst 1 data extraction		1	
Data update: NPPES taxonomy code was added/updated after Analyst 1 data extraction		1	
Processing: Identification of rendering NPI in the Line Information table by Analyst 2		1	
Gastroenterology 2013			**100%**
Data update: State specialty taxonomy record was added after Analyst 1 data extraction		1	
Data update: Specialty-related visit claims added after Analyst 1 data extraction		1	

	Analyst 1	Analyst 2	Reliability
Hematology/Oncology 2012			**93.7%**
Data update: State specialty taxonomy record was added after Analyst 1 data extraction		2	
Data update: Specialty-related visit claims added after Analyst 1 data extraction		1	
Processing: Medical Oncology taxonomy code inadvertently excluded by Analyst 1	9		
Processing: Identification of rendering NPI in the Line Information table by Analyst 2		1	
Hematology/Oncology 2013			**95.6%**
Data update: State specialty taxonomy record was added after Analyst 1 data extraction		2	
Data update: Specialty-related visit claims added after Analyst 1 data extraction		1	
Processing: Medical Oncology taxonomy code inadvertently excluded by Analyst 1	7		
Nephrology 2012			**100%**
Data update: State specialty taxonomy record was added after Analyst 1 data extraction		1	
Nephrology 2013			**100%**
Data update: State specialty taxonomy record was added after Analyst 1 data extraction		2	
Neurology 2012			**98.4%**
Data update: State specialty taxonomy record was added after Analyst 1 data extraction		3	
Data update: Specialty-related visit claims added after Analyst 1 data extraction		2	
Processing: Provider class code = 'CCC-A' for audiologist inadvertently included by Analyst 1	1		
Processing: Identification of rendering NPI in the Line Information table by Analyst 2		5	
Neurology 2013			**99.7%**
Data update: State specialty taxonomy record was added after Analyst 1 data extraction		3	
Processing: Provider class code = 'CCC-A' for audiologist inadvertently included by Analyst 1	1		
Otolaryngology 2012			**98.4%**
Data update: State specialty taxonomy record was added after Analyst 1 data extraction		1	
Data update: NPPES taxonomy code was added/updated after Analyst 1 data extraction		1	
Processing: Identification of rendering NPI in the Line Information table by Analyst 2		5	
Otolaryngology 2013			**99.7%**
Data update: State specialty taxonomy record was added after Analyst 1 data extraction		1	
Processing: Identification of rendering NPI in the Line Information table by Analyst 2		1	
Pulmonology 2012			**98.7%**
Data update: State specialty taxonomy record was added after Analyst 1 data extraction		3	

	Analyst 1	Analyst 2	Reliability
Processing: Identification of rendering NPI in the Line Information table by Analyst 2		3	
Pulmonology 2013			**100%**
Data update: State specialty taxonomy record was added after Analyst 1 data extraction		3	
Rheumatology 2012			**100%**
No variance			
Rheumatology 2013			**100%**
Data update: State specialty taxonomy record was added after Analyst 1 data extraction		1	
Total Differences	18	**77**	