



HEALTH CARE QUALITY INDICATORS (HCQI) 2012-2013 DATA COLLECTION

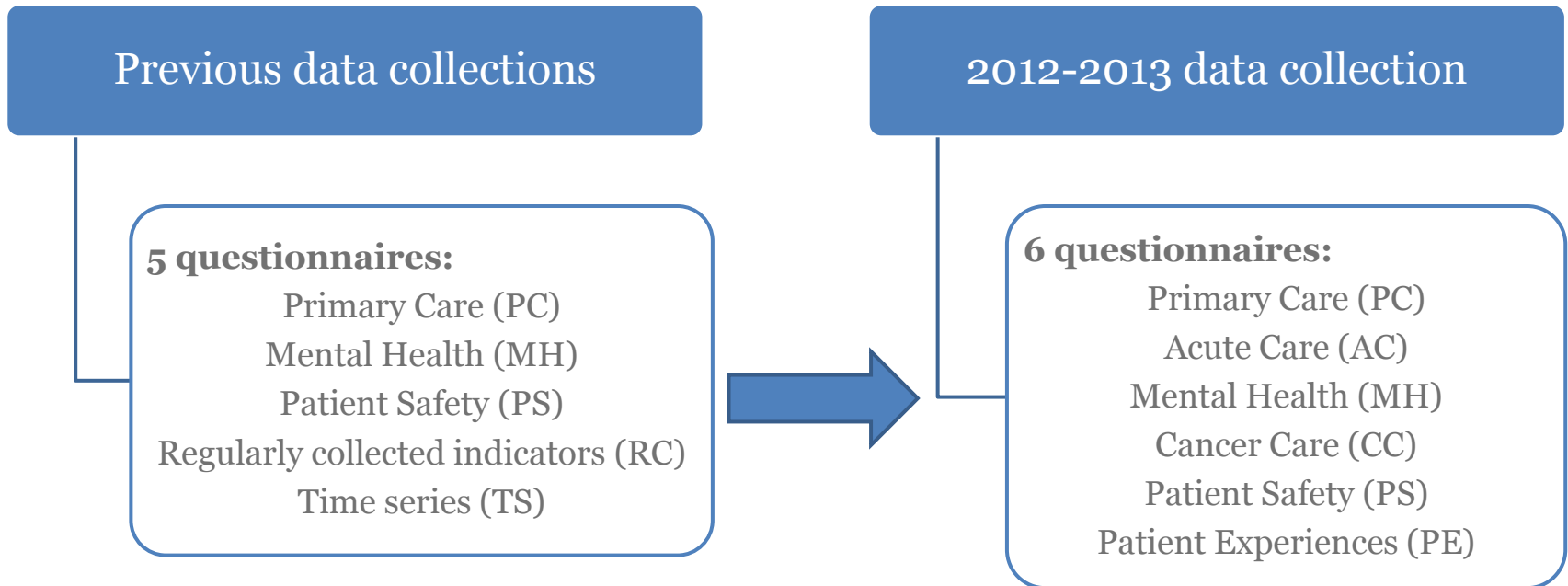
Nelly Biondi

HCQI Expert Group Meeting

November 16, 2012



2012-2013 HCQI Data collection



- Two guidelines

Guidelines for Filling-in the Data Collection Questionnaires

Technical Manual for Patient Safety Indicators



Main changes in the data collection

Primary Care

- Asthma mortality no longer collected

Mental Health

- Ten additional indicators

Cancer Care

- Observed survival no longer collected

Patient Safety

- Two additional indicators
- Four indicators collected for children
- Two indicators collected for specific procedures

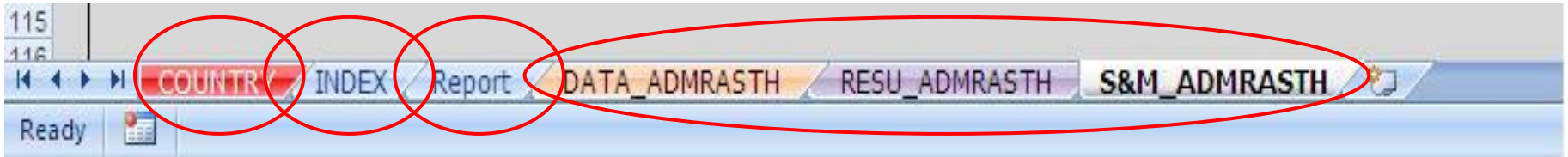
Patient Experiences

- New pilot data collection



Standard questionnaire format and structure

- Each questionnaire contains several worksheets



- And also **macros** to check the **internal consistency of data**:
 - Within the indicator
 - Between indicators
- To make use of this new feature, users must **enable macros**.
- Please **do not un-protect the worksheets**, otherwise none of these features will be available!



DATA worksheet (Data by age and sex)

- Time series from **2000 to 2012**.
- Worksheet **pre-filled** with data submitted through the previous HCQI data collections.
- Check if data are **correct** and update time series until the most recent year available.
- Error message if **invalid data** are entered.



RESU worksheet (Results)

- Tables providing **crude or age(-sex) standardised rates** along with 95% confidence intervals.
- PC, AC, MH and PE indicators now standardised to the **OECD 2010 standard population for all years**.
- **Charts showing trend over time** in order to help identify changes over time and detect possible errors.
- **Add a flag** to indicate data issues if there are any:
 - B:** Break in time series
 - D:** Deviation from OECD definition
 - E:** Estimate/preliminary data



S&M worksheet (Sources and methods)

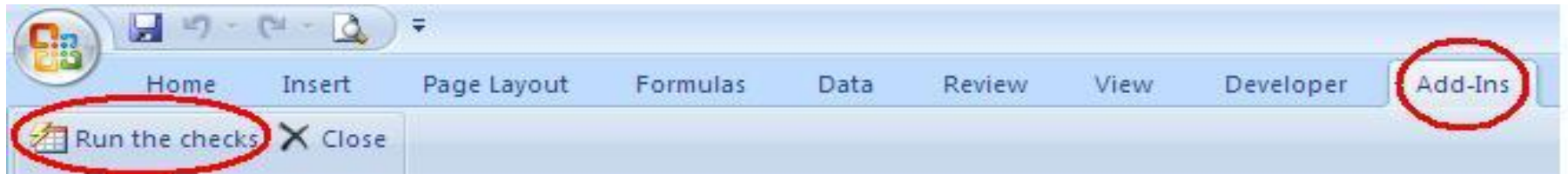
- Sources and methods **by indicator**.
- Worksheet **pre-filled** with information provided through the previous HCQI data collections.
- Check if the information is **correct and consistent across years**.
- If a **B or D flag** has been added in the DATA worksheet, **provide details** in the relevant section of the S&M worksheet.



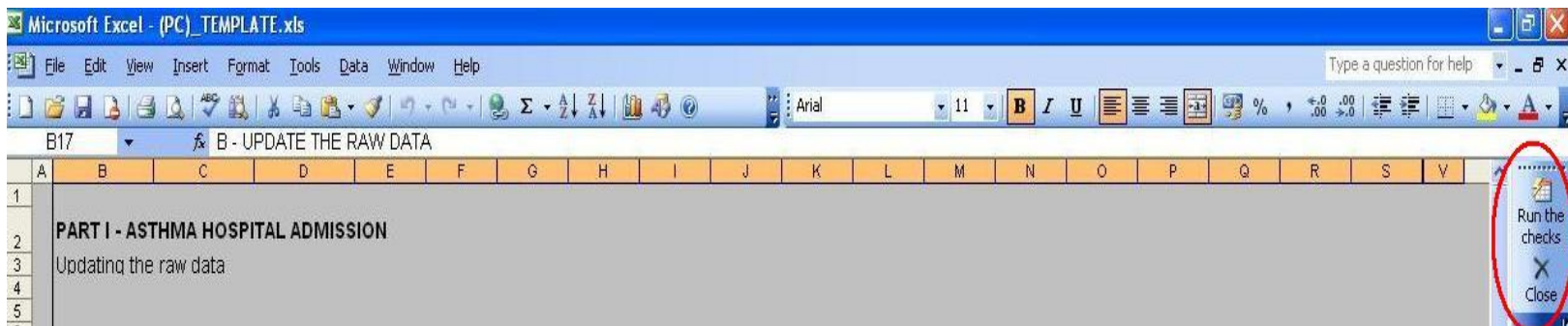
Data validation

- 1 – Enable the macros, save and close the file.
- 2 – Re-open the file and enter the data for **ALL indicators**, check the results and fill-in the sources and methods.
- 3 – Run the validation checks.

Excel 2007 or 2010



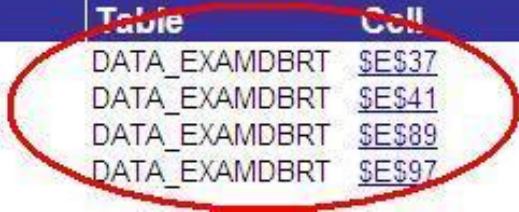
Excel 97-2003





REPORT worksheet

	A	B	C	D	E	F
1	Consistency Check					
2	Numerator or/and Denominator missing		Numerator not < or = Denominator		Den are not all equal (except Den EXAMDBRT)	
3	Table	Cell	Table	Cell	Table	Cell
4			DATA_EXAMDBRT	<u>=\$E\$37</u>		
5			DATA_EXAMDBRT	<u>=\$E\$41</u>		
6			DATA_EXAMDBRT	<u>=\$E\$89</u>		
7			DATA_EXAMDBRT	<u>=\$E\$97</u>		
8						



Year	Sex	Unit	15-19	20-24
2000	Male	Numerator	86	80
		Denominator	101	119
	Female	Numerator	97	103
		Denominator	109	123
2001	Male	Numerator	119	93
		Denominator	112	114
	Female	Numerator	113	108
		Denominator	109	122

55-59	60-64	65-69	70-74	Flag
2,912	4,489	5,499		
1,162	1,311	1,563		
1,952	2,240	2,502		
2,082	2,771	3,971		
3,361	4,635	6,225		
1,625	1,500	1,744		
2,321	2,529	2,844		
2,863	2,899	4,412	4,163	
4,010	4,841	6,891	6,304	

Microsoft Excel
No error detected
OK

Correct any of the highlighted data *before* submitting the questionnaire to the OECD.



Deadlines and comments

- **Early DECEMBER, 2012:** HCQI data collection questionnaires and guidelines will be sent to HCQI experts.
- **FEBRUARY 28th, 2013:** Deadline for returning the questionnaires.
Contact: hcqi.contact@oecd.org
- **Between MARCH and MID-MAY, 2013:** Data validation and analysis
- **MAY 16th-17th, 2013:** HCQI Expert Group Meeting.
- **END JUNE 2013:** Dissemination of data and sources and methods in *OECD Health Data 2013* via OECD.StatExtracts: <http://stats.oecd.org/>
- Countries are invited to **COMMENT** on:
 - Improvements in the HCQI questionnaires and the new features
 - Any other idea to improve the HCQI data collection