



Statistics Canada

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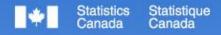


Statistics Canada's Corporate Business Architecture Project

Strengthening Statistical Management Practices Latin America and the Caribbean

International Statistical Fellowship Program Forum

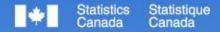
November 15, 2015





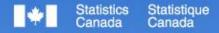
Overview

- Statistics Canada's Corporate Business Architecture (CBA) Initiative
- Integrated Business Statistics Program



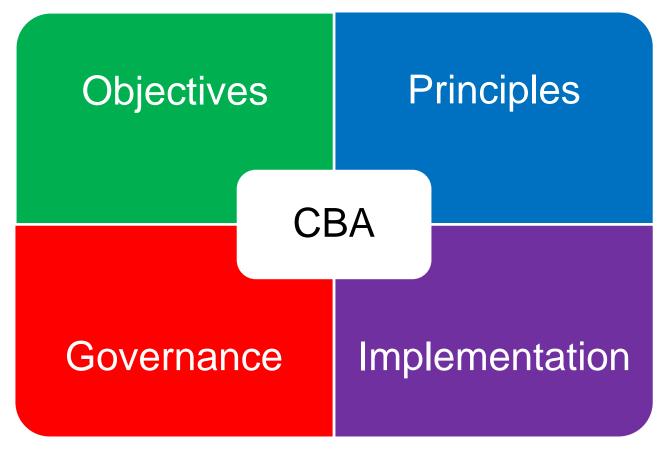


Corporate Business Architecture (CBA)





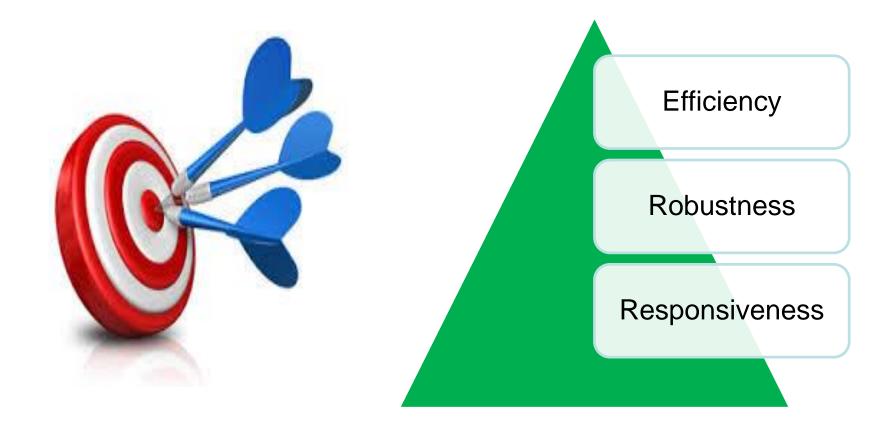
Statistics Canada's CBA Initiative







CBA Objectives







CBA Principles







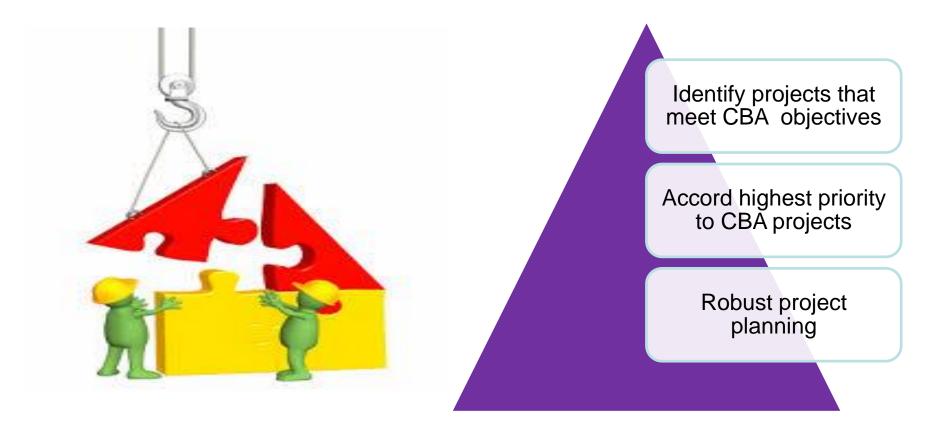
CBA Governance







CBA Implementation







Keys to success



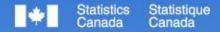
Strong Leadership and Governance

Project Management Framework

Communication

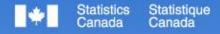
Innovation





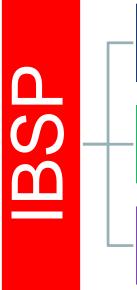


Integrated Business Statistics Program





What is the IBSP?



System/Processes

Most business surveys

Standardization

Increased use of administrative data

Centralized collection and EDR

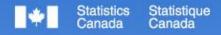
Common processes, class. and methodology

> Harmonized survey content

Common frame (BR)

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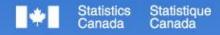




Important Drivers

Requirement for: Operational efficiency Reduced response burden Improved quality and coherence Modern and robust systems

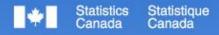
IBSP





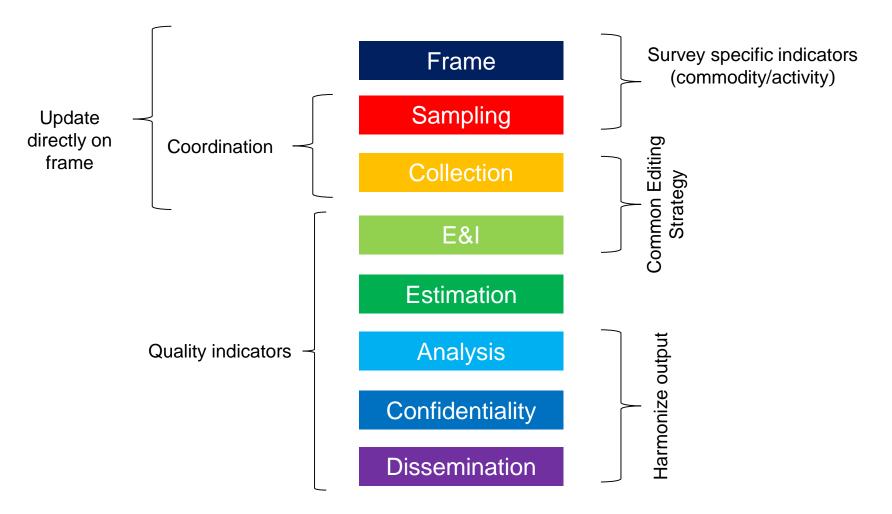
The Generic Statistical Business Process Model

Quality Management / Metadata Management											
Specify Needs	Design	Build	Collect	Process	Analyse	Disseminate	Evaluate				
1.1 Identify needs	2.1 Design outputs	3.1 Build collection instrument	4.1 Create frame & select sample	5.1 Integrate data	6.1 Prepare draft outputs	7.1 Update output systems	8.1 Gather evaluation inputs				
1.2 Consult & confirm needs	2.2 Design variable descriptions	3.2 Build or enhance process components	4.2 Set up collection	5.2 Classify & code	6.2 Validate outputs	7.2 Produce dissemination products	8.2 Conduct evaluation				
1.3 Establish output objectives	2.3 Design collection	3.3 Build or enhance dissemination components	4.3 Run collection	5.3 Review & validate	6.3 Interpret & explain outputs	7.3 Manage release of dissemination products	8.3 Agree an action plan				
1.4 Identify concepts	2.4 Design frame & sample	3.4 Configure workflows	4.4 Finalise collection	5.4 Edit & impute	6.4 Apply disclosure control	7.4 Promote dissemination products					
1.5 Check data availability	2.5 Design processing & analysis	3.5 Test production system		5.5 Derive new variables & units	6.5 Finalise outputs	7.5 Manage user support					
1.6 Prepare business case	2.6 Design production systems & workflow	3.6 Test statistical business process		5.6 Calculate weights							
		3.7 Finalise production system		5.7 Calculate aggregates							
				5.8 Finalise data files							





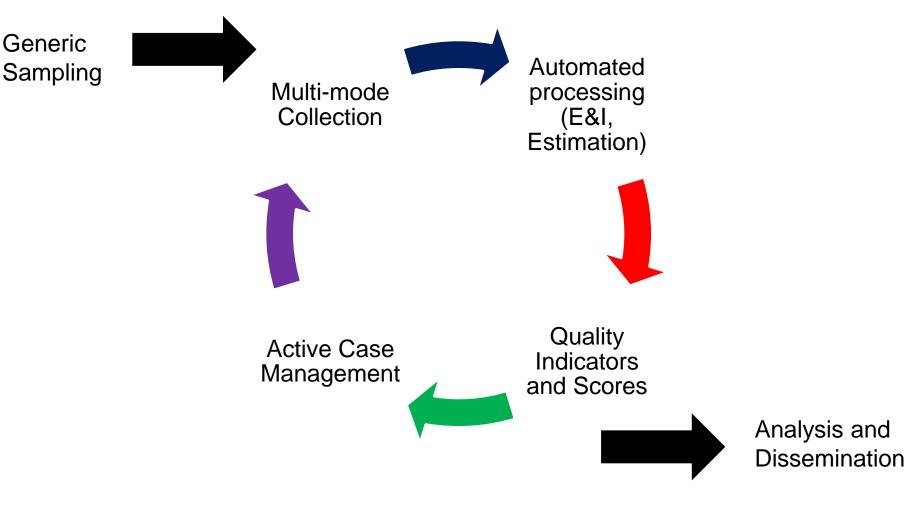
Integration of statistical processes







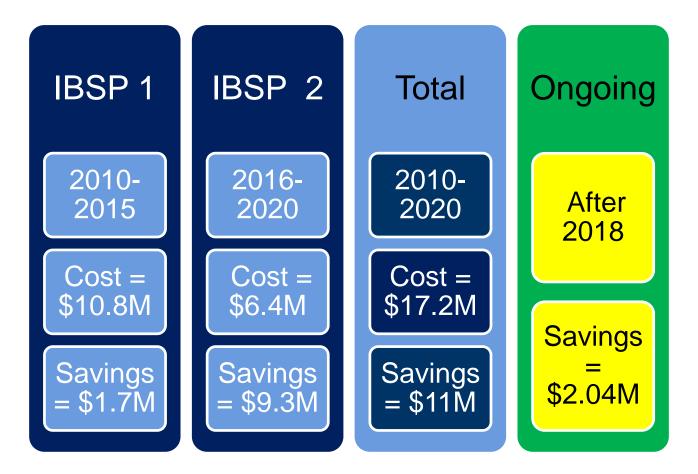
Rolling estimates







Size, scope, costs

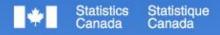






IBSP Timeline

	IBSP Integration Year							
Program	2015	2016	2017	2018	2019			
Manufacturing - Annuals	23							
Manufacturing - Commodity								
Surveys				2	4			
Services	31							
Distributive Trade	3		1					
Research and Development	3							
Energy	8	6	2	4				
Transportation	1		5	5	3			
Agriculture	1	2	11	7	7			
Environment			3	2	2			
Health				1				
Telecommunications					4			
Investment	2		1		2			
Total	72	8	23	21	22	146		
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Questions/Discussion

