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**students in
Togo school
feeding
program**

CRS lacks a quantitative picture of which markets are connected, limiting its ability to tailor assistance and anticipate where shocks may spread.

56 markets in
Burkina Faso

Reusable pipeline and documentation for **expansion to other countries and commodities**

Identified which markets lead which, and by how much
(**Granger causality, VECM impulse responses**)

Flagged prices outside each market's own 95% expected range, rebuilt monthly (**unobserved components model**)

 Power BI dashboard

A map of Burkina Faso with four regions marked by blue dots: Sahel (top), Central Ouagadougou (center), Southwest (left), and Southeast (right). A blue dot on the right edge represents the 'Togo national average'. Green curved arrows show positive price links: Sahel to Central (+0.3%), Central to Southeast (+1.0%), Southwest to Central (+0.2%), and Southwest to Southeast (+0.7%). A red dotted curved arrow shows a negative price link from Central to the national average (-0.7%).

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Total
Kara	4	2								2	2			2	5	1	2	2	4	26
Maritime		5	2	2			1	1	1	2				2	3			1	3	23
Savanes	2							1						3	2				4	12
Plateaux Est	3		1						2		2				1			1		10
DAGL								1	1	1					2	4				9

Count of sustained price deviation alerts by year and by region in Togo with trailing 5-year window

students in **545** schools
across school-feeding
programs in **3** countries

humanitarian award, up to
60 countries, mostly cash,
vouchers, and local
procurement