

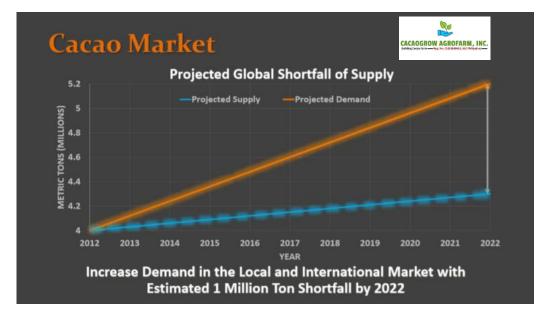


So what happened to the projected 1 million tonnes deficit by early 2020s?

The Telegraph

Is the world really running out of chocolate?

Thocapocaly pse 2020



The Washington Post

Chocolate maker says world is running out of chocolate





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Original assumptions

Grind would continue to grow at +3% per year

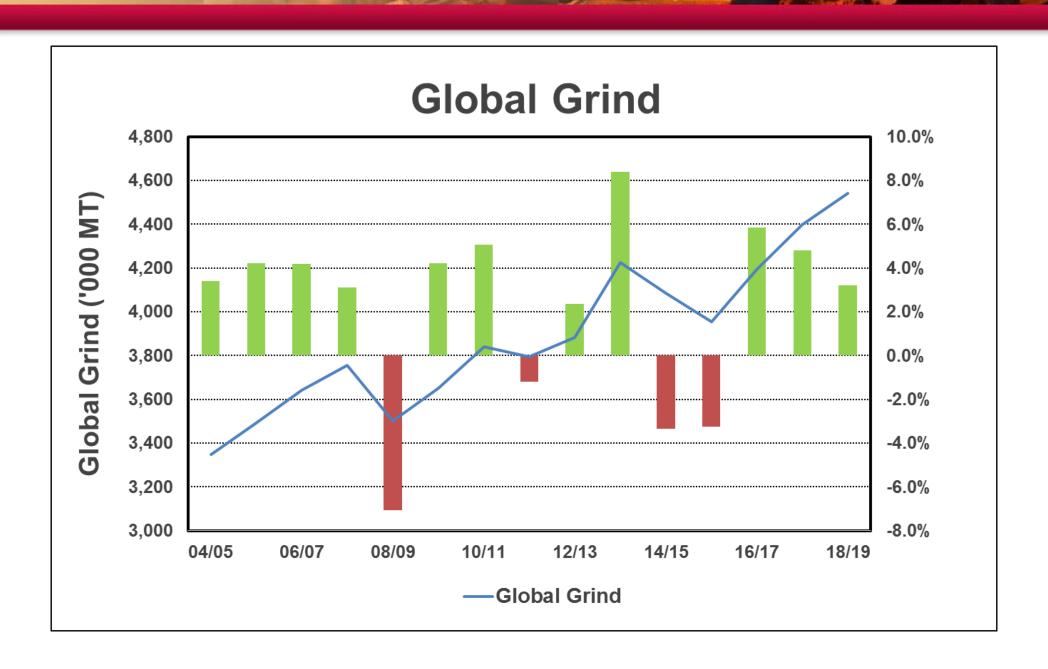
Production would grow nominally around +1% per year

Actual results (past decade)

Grind has continued to grow around +2% per year

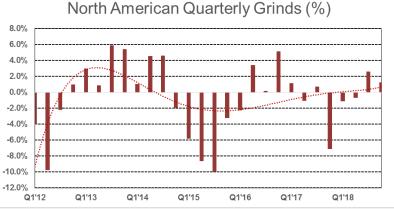
Production has kept pace and expanded at rate of +2.25% per year













- Largest grinding regions (2 x as big as next largest)
- Growth of +4% over the past crop year
- Tremendous growth, but sets up a very high bar to meet or exceed for the current year
- Only major reporting region to register a decline in grind (-2.2% over the past "crop year")
- Major restructuring underway across N. America
- Sale of ADM, entrance of Olam, Cargill acquiring ADM chocolate business
- Clasen new plant, sale of Blommer to Fuji Ingredients, Transmar bankruptcy
- Growing region of importance in terms of cocoa processing and population growth (up +10%)
- Major crop production issues in Malaysia (crop down -10%)
- Structural deficit region implies strong imports are necessary to run capacity



