Project 3, Milestone E

Hunger and Poverty

Edward Zhang, Yash Mishra, Ashwath Srikanth, and Joshua Chow

Backlog

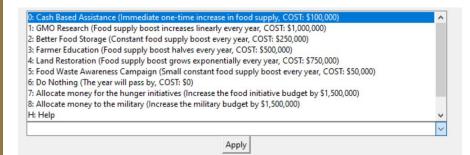
Past Tasks (From last backlog)

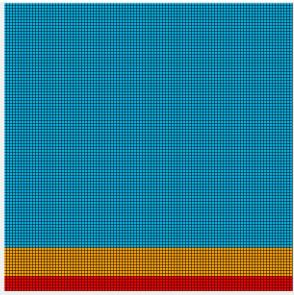
- Graphics
- Additional operators
- Do research so cost and effect of each operator is realistic
- Find a way for normal population to decrease
- Make it easier to beat NPC military

Future Tasks

- Include Prisoner's Dilemma model--cooperate/defect over energy plan, during hunger crisis, etc.
- Additional operators
- Possibly a 2-player version, where each player manages their own country
 - They could fight and steal from each other, or cooperate and trade

Initial State





Current state of the puzzle. Textual version: Normal population: 850,000 Moderate Malnutrition population: 100,000 Severe Malnutrition population: 50,000 Death toll: 0

> Food Initiative Budget: 2,000,000 Military Budget: 4,000,000

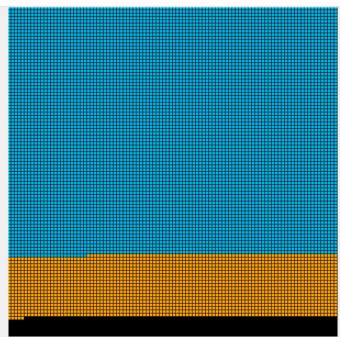
Food Supply (number of people that can be fed): 100,000

Year: 2021. Years since start: 0 Goal: 2051 BUDGET YEAR

List of applicable operators

Apply

Midway State



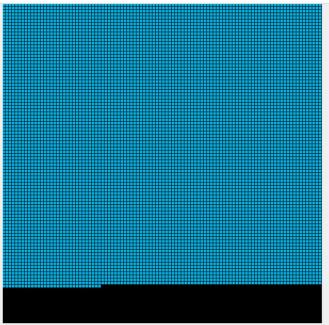
Current state of the puzzle. Textual version: Normal population: 752,408 Moderate Malnutrition population: 188,102 Severe Malnutrition population: 0 Death toll: 59,490

> Food Initiative Budget: 1,250,000 Military Budget: 0

Food Supply (number of people that can be fed): 4,408 from foodStorage: 16000 food from landRestoration: 20000 food total boost for this year: 36000 food

> Year: 2037. Years since start: 16 Goal: 2051 BUDGET YEAR

Goal State



Current state of the puzzle. Textual version: Normal population: 883,102 Moderate Malnutrition population: 0 Severe Malnutrition population: 0 Death toll: 116,898

> Food Initiative Budget: 2,400,000 Military Budget: 0

Food Supply (number of people that can be fed): 98,324 from foodStorage: 24000 food from farmerEducation: 4500 food from landRestoration: 57800 food total boost for this year: 86300 food

> Year: 2051. Years since start: 30 Goal: 2051

YOU WIN! YOU MADE IT THROUGH THE 30 YEARS WITHOUT LOSING 200,000 PEOPLE.