Salt Lake County COVID-19 Response

Intelligence Section Briefing

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MUNICIPALITIES WEEKLY BRIEFING

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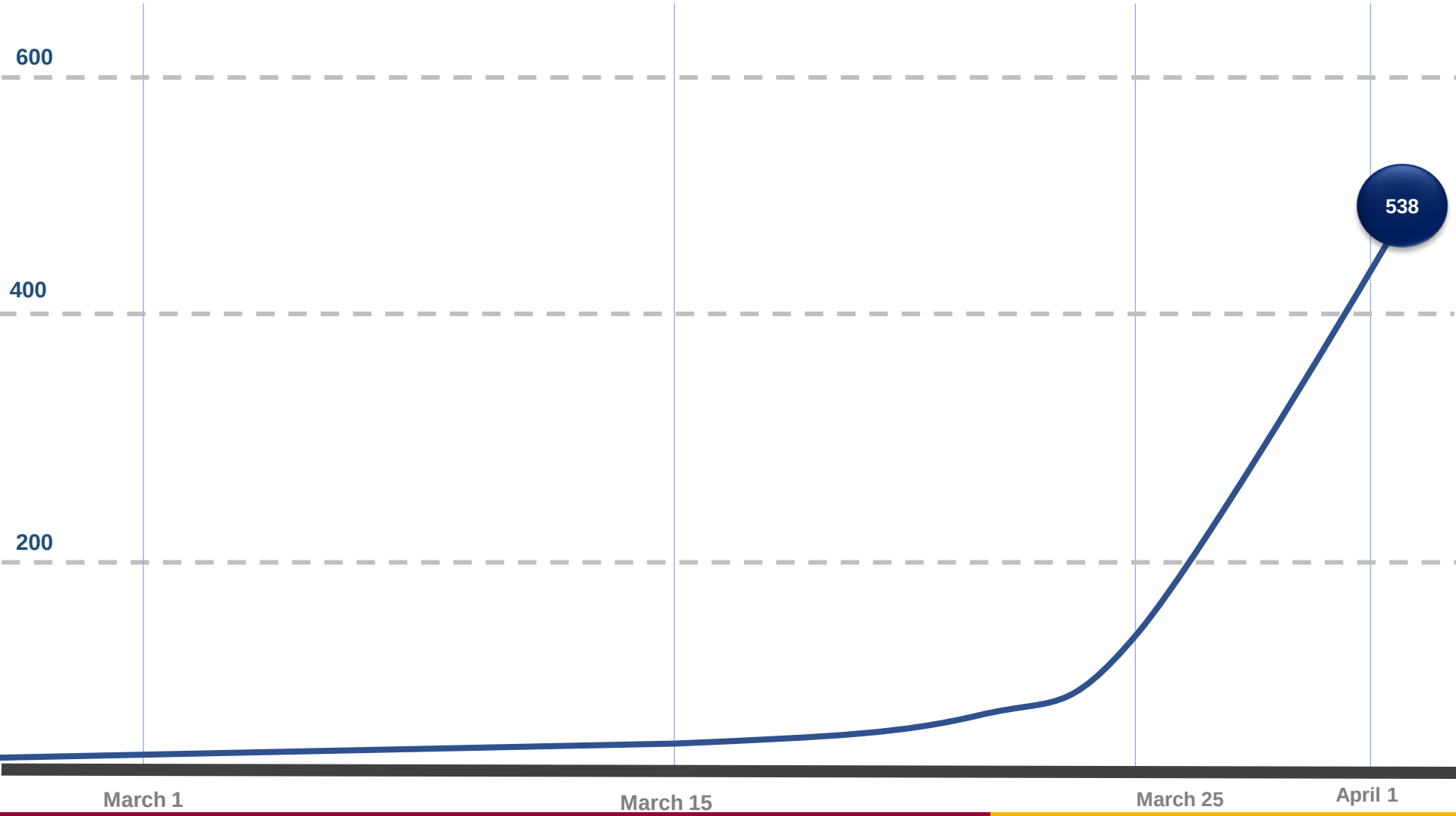
About Salt Lake County Intelligence Section

- Supports Salt Lake County Unified Command in making **evidence-based decisions** through research, data collection, modeling, and analysis of trends.
- While national trends are considered, Intelligence Section developed a **local model** informed Salt Lake County communities, case rate increase, doubling rates, and other Salt Lake County-centric data sets.
- Salt Lake County's significance as home of the state's medical system and its economic heart are also recognized when modeling and analyzing COVID-19's impact.
- Intelligence Section **collaborates daily with state, medical system, public and private sector partners** to ensure that intelligence products help others develop action plans to **mitigate COVID-19's impact across Salt Lake County** and the State of Utah.

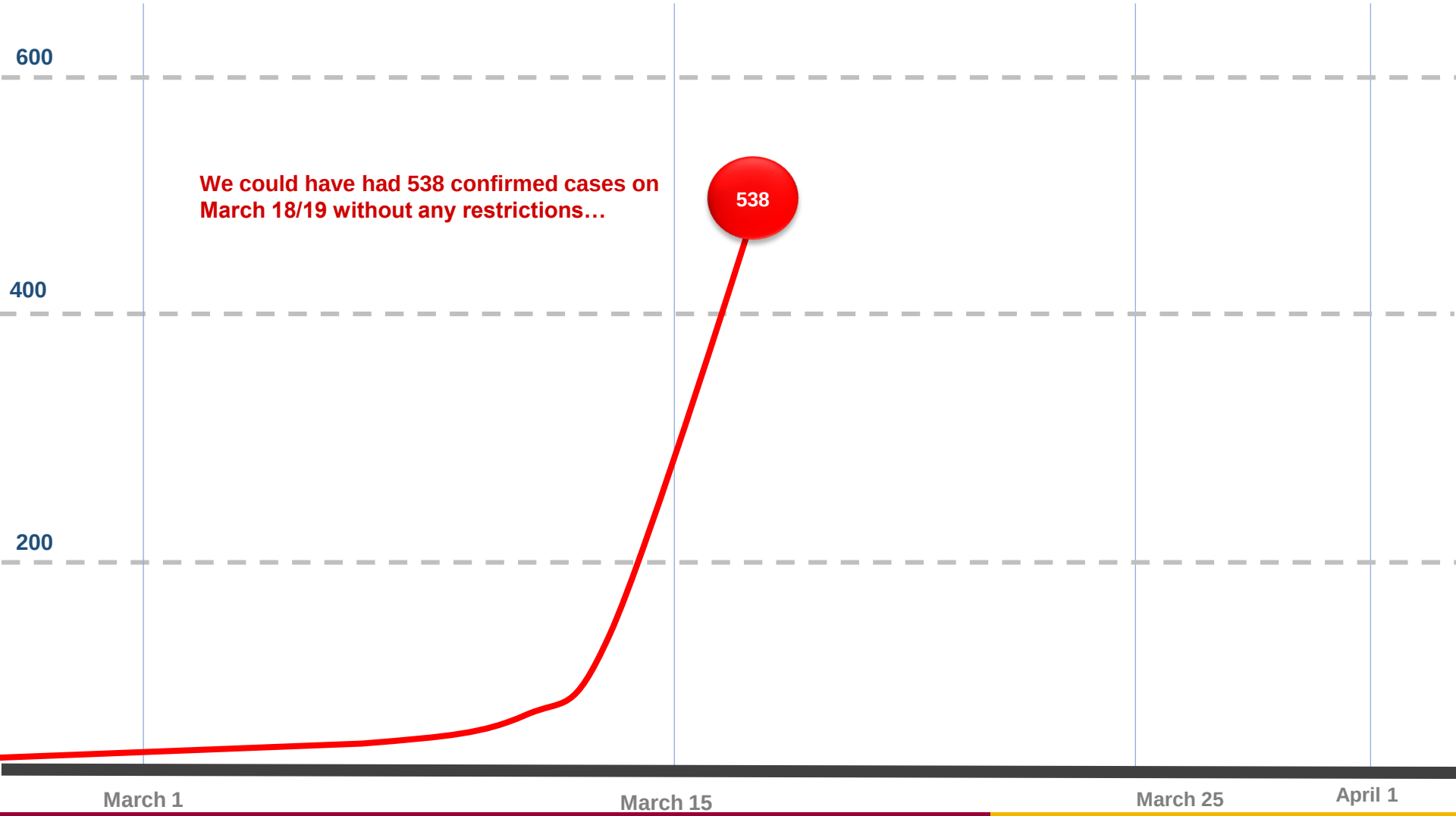
Salt Lake County's Modeling Efforts

- Due to the characteristics of novel coronavirus and COVID-19, forecasting is a challenge requiring a **daily re-assessment**. The numbers are not static.
- **Localized outbreaks and mitigation efforts** affect the glide path of the epidemic curve.
- Key components of modeling include:
  - Number of new confirmed cases
  - Case rate increase
  - Doubling rate
  - Testing efforts and contract tracing important factors in understanding span of COVID-19 across any community
- Intelligence Section and their partners develop and analyze models daily to ensure that **policy-level decisions are informed by evidence.**

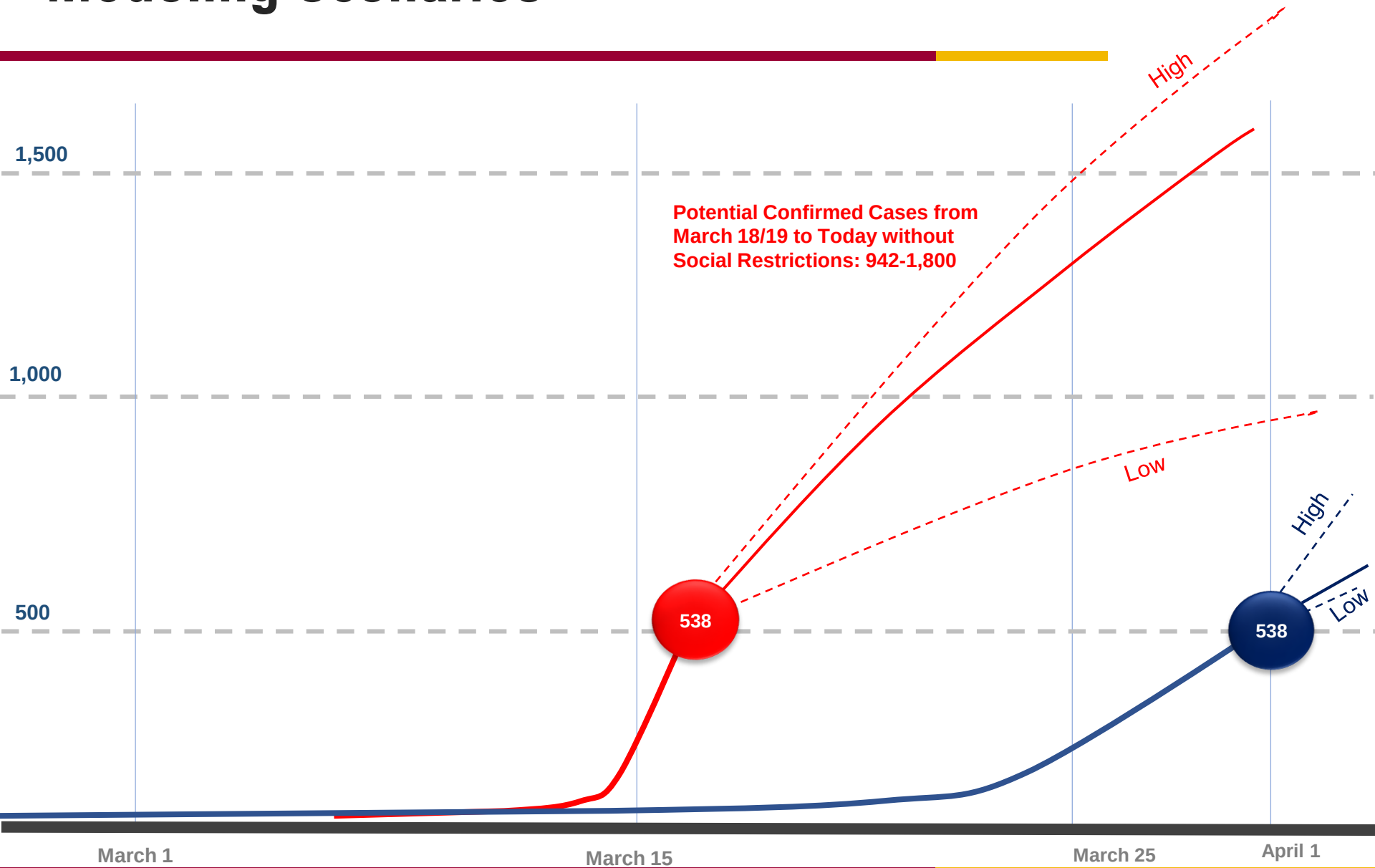
Where Salt Lake County is Along the Curve of Total Confirmed Cases



Where We Could Have Been without Social Distancing Practices in Place



Modeling Scenarios



Intelligence Section Products

- Intelligence Section has been working to create several products to inform policy makers across a spectrum of stakeholders, including public safety agencies:
  - PPE Dashboard
  - Supply Chain Dashboard
  - Medical Supply Chain Dashboard
  - Public Safety Dashboard
  - Intelligence Notes
- Intelligence Section is partnering with medical systems, public safety agencies, the public and private sector, and Utah Unified Command to develop a common operating picture:
  - **We need your help by providing us information on a timely and regular basis so that the common operating picture is as complete as possible**