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# EMS System EOA RFP Input Meeting



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# EMS RFP Project Meeting Norms

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- Listen to understand
  - All opinions matter
  - Stay on topic
  - Come to meetings prepared
- Please be on-time
  - Please be respectful of each other
  - Silence mobile devices
  - Please participate

*All meeting materials will be available  
the Wednesday prior to the next meeting*

# Emergency Medical Services RFP Development Project

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## Agenda March 16, 2020

1. Welcome & Introductions
2. Review Notes from February 18, 2020
3. Discussion Response Time Standards & Resource requirements
4. Preparation for EOA Discussion Input due 3/24

# Response Time Literature Review

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EMDAC – 1998 Position Paper

Emergency Medical Services Response Time and Mortality in an Urban Setting – 2012

Emergency Medical Services Response Times in Rural, Suburban & Urban Areas – 2017

Converting Bystanders to Immediate Responders - 2017

# Population Density Definitions

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Urban	A population density of 101 to 500 persons per square mile.
Suburban	A population density of 50 to 100 persons per square mile.
Rural	A population density of 7 to 50 persons per square mile.
Wilderness	A population density of less than 7 persons per square mile.

# EMSA Response Time Standards

	Metropolitan/Urban Area	Suburban/Rural Area	Wilderness Area
BLS and CPR Capable First Responder	5 minutes	15 minutes	As quickly as possible
Early Defibrillation – Capable Responder	5 minutes	As quickly as possible	As quickly as possible
ALS Capable Responder (not functioning as first responder)	8 minutes	20 minutes	As quickly as possible
EMS Transportation Unit (not functioning as first responder)	8 minutes	20 minutes	As quickly as possible

# MPDS Determinate Definition

ECHO-level	Closest apparatus of any kind HOT, ALS responders HOT.
DELTA-level	Maximal response (both basic and advanced life support providers).
CHARLIE-level	Closest advanced life support unit COLD (occasionally HOT), basic life support transport COLD.
BRAVO-level	Closest basic life support unit HOT (occasionally COLD).
ALPHA-level	Closest basic life support transport unit COLD.
OMEGA-level	Special referral and special response as approved.

# Sonoma EOA Code - 3

## Response Time Requirements

Classification Determination	Requirement for ALS Resource	Requirement for ALS Transport with Agreement with ALS First Responder
<p><b>Charlie, Delta, and Echo</b></p>	<p><b>Urban:</b> 90 percent of all calls in 6:59 minutes or less and no single calls exceeding 11:59 minutes.</p> <p><b>Semi-Rural:</b> 90 percent of all calls in 13:59 minutes or less and no calls exceeding 17:59 minutes.</p> <p><b>Rural:</b> 90 percent of all calls in 28:59 minutes or less and no calls exceeding 32:59 minutes.</p>	<p><b>Urban:</b> 90 percent of all calls in 10:59 minutes.</p> <p><b>Semi-Rural:</b> 90 percent of all calls in 17:59 minutes</p> <p><b>Rural:</b> 90 percent of all calls in 32:59 minute.</p>



# Sonoma EOA Code -2

## Response Time Requirements

Classification Determination	Requirement for ALS Resource	Requirement for ALS Transport with Agreement with ALS First Responder
<p><b>Alpha and Bravo (Code – 2)</b></p>	<p><b>Urban:</b> 90 percent of all calls in 11:59 minutes or less and no single calls exceeding 15:59 minutes.</p> <p><b>Semi-Rural:</b> 90 percent of all calls in 17:59 minutes or less and no calls exceeding 21:59 minutes.</p> <p><b>Rural:</b> 90 percent of all calls in 32:59 minutes or less and no calls exceeding 37:59 minutes.</p>	<p><b>Urban:</b> 90 percent of all calls in 15:59 minutes.</p> <p><b>Semi-Rural:</b> 90 percent of all calls in 21:59 minutes.</p> <p><b>Rural:</b> 90 percent of all calls in 37:59 minutes.</p>

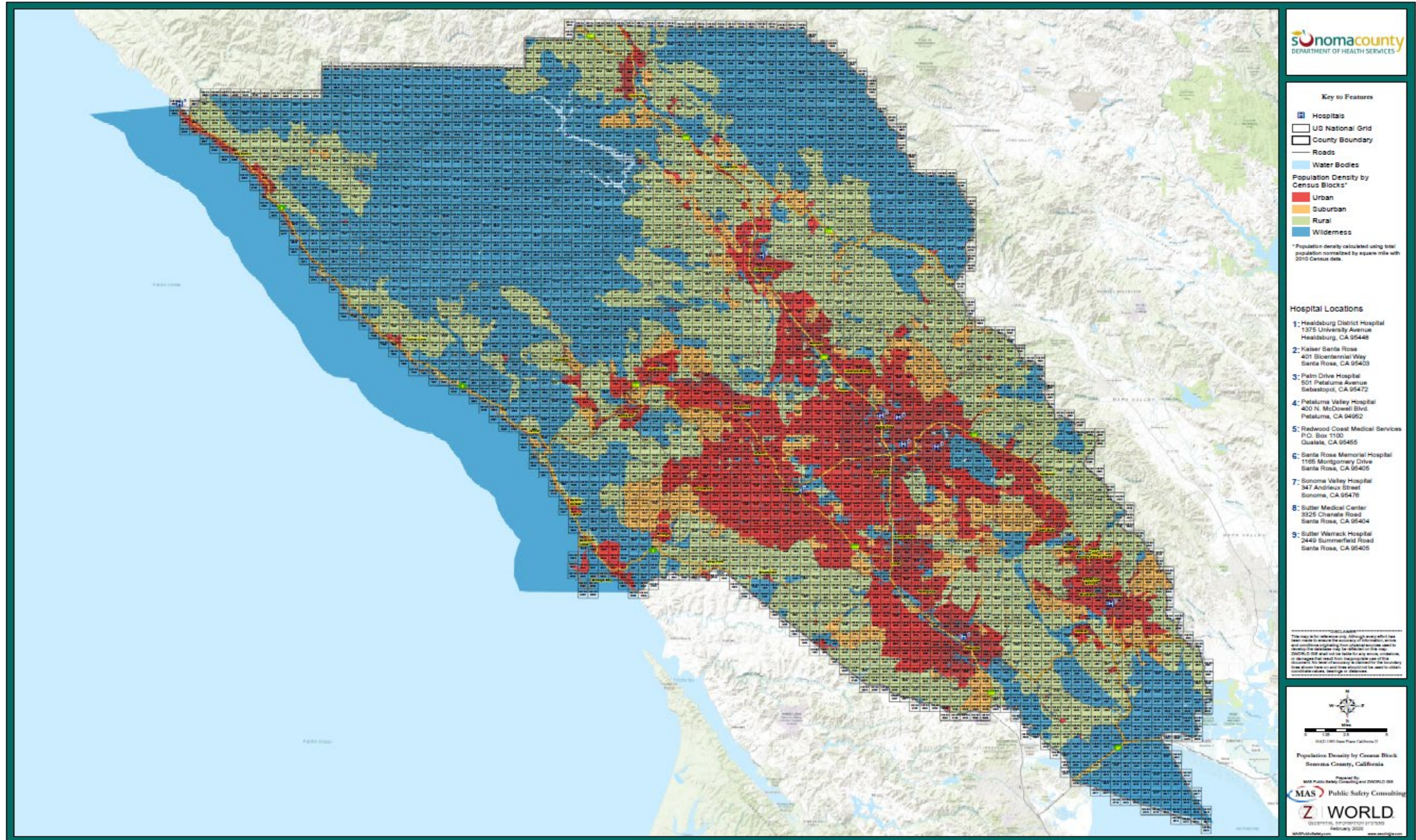
# US Census Population Density

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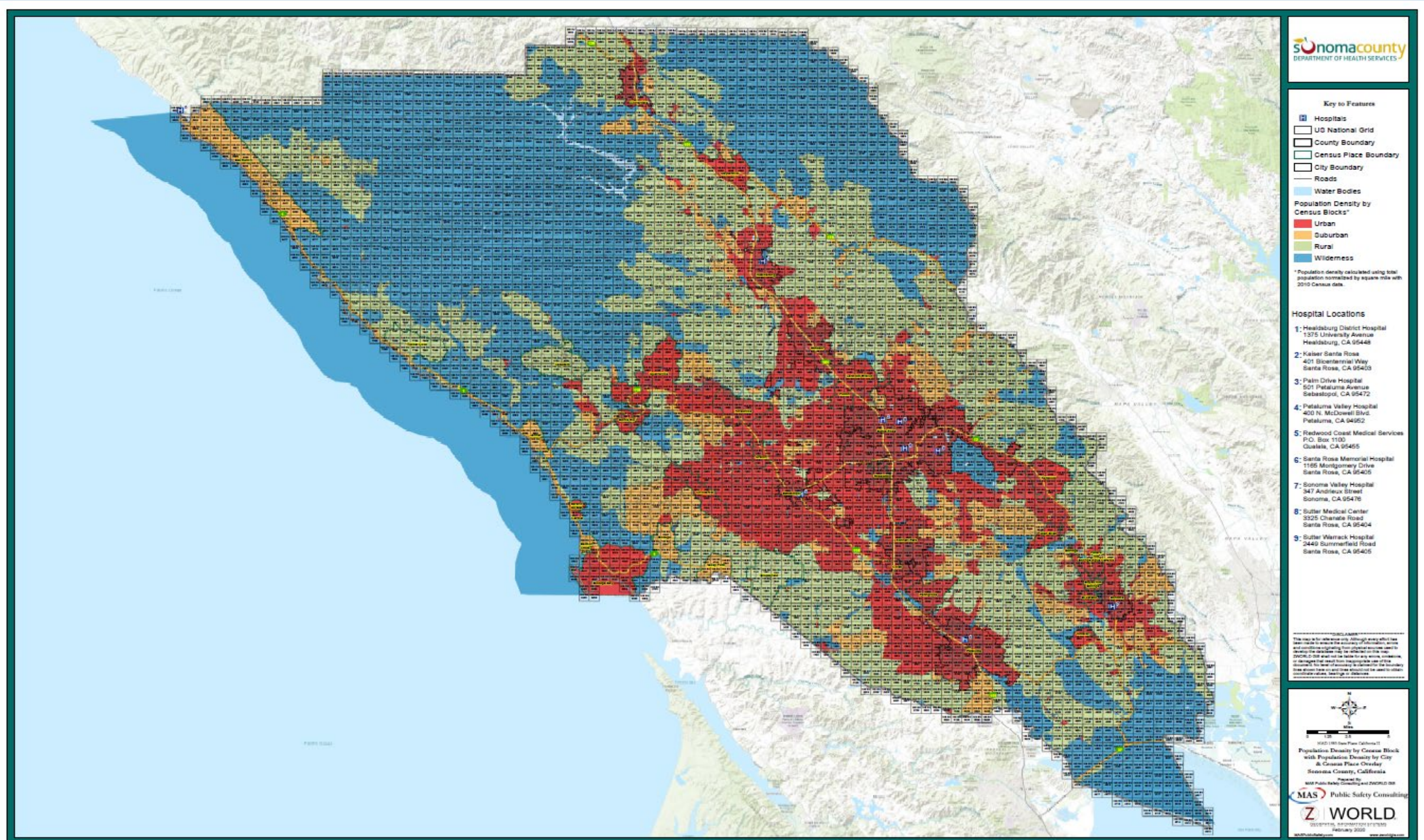
1. A **Census Block Group** is a geographical unit used by the [United States Census Bureau](#) which is between the [Census Tract](#) and the [Census Block](#). It is the smallest geographical unit for which the bureau publishes sample data, i.e. data which is only collected from a fraction of all households. Typically, Block Groups have a population of 600 to 3,000 people.

2. A **Census Designated Place** (CDP or Census Place) is a geographical area with a concentration of population identified by the United States Census Bureau for statistical purposes. CDPs or Census Places are delineated for each decennial census as the statistical counterparts of incorporated places, such as cities, towns, and villages.

# Sonoma Map - Census Block



# Sonoma Map – Census Block with Places



# Resource Requirements

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Presentation - Nathan DuVardo

What is working ?

What is recommended?

# Preparation for EOA Input

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Reminder: All suggested changes need to be sent in by Tuesday March 24<sup>th</sup>.

Does anyone have any questions?

# Sonoma County EMS RFP Project Meetings

## Schedule of Topics for Input

Meeting Dates	Topic
January 6, Monday	All Risk EMS Response
January 21, Tuesday	Community Paramedicine & Student Ride-a-longs & Internships
February 3, Monday	IFT Issue
February 18, Tuesday	Clinical Performance Measures
<del>Meeting Postponed March 2, Monday</del>	<del>EOA Boundaries</del>
March 16, Monday**	Response Time Requirements & Minimum Resources Requirements
March 30 Monday**	EOA Boundaries
April 6, Monday	Length of Contract Terms
	<b>Input Highlights</b>

~~Topics for input were agreed to at the December 16, 2019 kick-off meeting.~~

Topic schedule was updated at the January 21, 2020 meeting.

\*\* This will be a two-hour meeting 10:00-12:00