

6th Cycle RHNA Subregional Delegation

Proposed Calculator Introduction

Butte County Association of Governments
City/Town/County Planning Directors Group

Proposed RHNP Calculator

Introduction

Calculator Overview

1. Base allocation

2. Adjustments based on selected factors and weights of each

3. Fire allocation

3. Manual adjustments (if desired)

Final allocation

1. Base Allocation

» HCD total allocation: 15,506

- HCD regular growth allocation: **6,703**
 - Distribute in accordance with BCAG growth distribution

Jurisdiction	BCAG Growth Forecast Base Distribution	
Biggs	1%	87
Chico	45%	3,016
Gridley	5%	362
Oroville	10%	650
Paradise	6%	375
Unincorporated County	33%	2,212
Total	100%	6,703

2. Proposed Factors

- » **2 equity factor options (address State requirement to affirmatively further fair housing):**
 - TCAC Opportunity Maps
 - Childhood Poverty Status
- » **Distribution of Existing Jobs**
- » **Transit Connectivity**
- » **Fire Hazard Risk**
- » **Dedicated Agriculture and Forest Land**

Equity Factor Comparison

» TCAC Opportunity Maps

Jurisdiction	Opportunity Score
Unincorporated County	0.50
Paradise	0.57
Oroville	0.79
Biggs	0.86
Gridley	0.87
Chico	1.50

» Childhood Poverty Status

Jurisdiction	Opportunity Score
Oroville	0.50
Biggs	0.83
Gridley	1.16
Chico	1.21
Unincorporated County	1.27
Paradise	1.50

3. Fire Allocation

» HCD Camp Fire Rebuild Allocation: 8,803 Units

- Distribute in proportion to percent of regional housing loss by jurisdiction

Jurisdiction	Housing Units Destroyed in Camp Fire	Jurisdiction's Percent of Total Housing Lost	Fire Rebuild Allocation
Biggs	-	0.0%	-
Chico	-	0.0%	-
Gridley	-	0.0%	-
Oroville	-	0.0%	-
Paradise	11,371	77.7%	6,838
Unincorporated County	3,268	22.3%	1,965
Total	14,639	100.0%	8,803

Manual Adjustments

- » If desired, the methodology could include manual adjustments

Example Methodology 1

Equal Weights

Factors and Weights					
TCAC Opportunity Map Index	Percent of Children Living Above Poverty Level	Transit Connectivity Index	Number of Jobs (2020)	Lower-Risk Wildfire Zones (Percent of Area)	Non-Agriculture and Forest Lands (Percent of Area)
20%	0%	20%	20%	20%	20%

Base Allocation and Factor Adjustment			
Jurisdiction	Base Allocation	Factor Adjusted Allocation	Divergence
Biggs	87	77	(10)
Chico	3,016	4,055	1,039
Gridley	362	324	(38)
Oroville	650	643	(7)
Paradise	376	280	(96)
Unincorporated	2,212	1,323	(889)
TOTAL	6,703	6,703	-

Fire Rebuild and Final Allocation	
Fire Allocation	Total Allocation
-	77
-	4,055
-	324
-	643
6,838	7,118
1,965	3,288
8,803	15,506

Example Methodology 2

Fair Housing-TCAC

Factors and Weights					
TCAC Opportunity Map Index	Percent of Children Living Above Poverty Level	Transit Connectivity Index	Number of Jobs (2020)	Lower-Risk Wildfire Zones (Percent of Area)	Non-Agriculture and Forest Lands (Percent of Area)
80%	0%	5%	5%	5%	5%

Base Allocation and Factor Adjustment			
Jurisdiction	Base Allocation	Factor Adjusted Allocation	Divergence
Biggs	87	75	(12)
Chico	3,016	4,385	1,369
Gridley	362	316	(46)
Oroville	650	541	(109)
Paradise	376	231	(145)
Unincorporated	2,212	1,155	(1,057)
TOTAL	6,703	6,703	-

Fire Rebuild and Final Allocation	
Fire Allocation	Total Allocation
-	75
-	4,385
-	316
-	541
6,838	7,069
1,965	3,120
8,803	15,506

Example Methodology 3

Fair Housing-Childhood Poverty

Factors and Weights					
TCAC Opportunity Map Index	Percent of Children Living Above Poverty Level	Transit Connectivity Index	Number of Jobs (2020)	Lower-Risk Wildfire Zones (Percent of Area)	Non-Agriculture and Forest Lands (Percent of Area)
0%	80%	5%	5%	5%	5%

Base Allocation and Factor Adjustment			
Jurisdiction	Base Allocation	Factor Adjusted Allocation	Divergence
Biggs	87	65	(22)
Chico	3,016	3,288	272
Gridley	362	351	(11)
Oroville	650	357	(293)
Paradise	376	444	68
Unincorporated	2,212	2,198	(14)
TOTAL	6,703	6,703	-

Fire Rebuild and Final Allocation	
Fire Allocation	Total Allocation
-	65
-	3,288
-	351
-	357
6,838	7,282
1,965	4,163
8,803	15,506

Example Methodology 4

Transit

Factors and Weights					
TCAC Opportunity Map Index	Percent of Children Living Above Poverty Level	Transit Connectivity Index	Number of Jobs (2020)	Lower-Risk Wildfire Zones (Percent of Area)	Non-Agriculture and Forest Lands (Percent of Area)
5%	0%	80%	5%	5%	5%

Base Allocation and Factor Adjustment			
Jurisdiction	Base Allocation	Factor Adjusted Allocation	Divergence
Biggs	87	55	(32)
Chico	3,016	4,309	1,293
Gridley	362	253	(109)
Oroville	650	665	15
Paradise	376	284	(92)
Unincorporated	2,212	1,136	(1,076)
TOTAL	6,703	6,703	-

Fire Rebuild and Final Allocation	
Fire Allocation	Total Allocation
-	55
-	4,309
-	253
-	665
6,838	7,122
1,965	3,101
8,803	15,506

Example Methodology 5

Jobs

Factors and Weights					
TCAC Opportunity Map Index	Percent of Children Living Above Poverty Level	Transit Connectivity Index	Number of Jobs (2020)	Lower-Risk Wildfire Zones (Percent of Area)	Non-Agriculture and Forest Lands (Percent of Area)
5%	0%	5%	80%	5%	5%

Base Allocation and Factor Adjustment			
Jurisdiction	Base Allocation	Factor Adjusted Allocation	Divergence
Biggs	87	50	(37)
Chico	3,016	4,214	1,198
Gridley	362	220	(142)
Oroville	650	509	(141)
Paradise	376	225	(151)
Unincorporated	2,212	1,485	(727)
TOTAL	6,703	6,703	-

Fire Rebuild and Final Allocation	
Fire Allocation	Total Allocation
-	50
-	4,214
-	220
-	509
6,838	7,063
1,965	3,450
8,803	15,506

Example Methodology 6

Fire Risk

Factors and Weights					
TCAC Opportunity Map Index	Percent of Children Living Above Poverty Level	Transit Connectivity Index	Number of Jobs (2020)	Lower-Risk Wildfire Zones (Percent of Area)	Non-Agriculture and Forest Lands (Percent of Area)
5%	0%	5%	5%	80%	5%

Base Allocation and Factor Adjustment			
Jurisdiction	Base Allocation	Factor Adjusted Allocation	Divergence
Biggs	87	95	8
Chico	3,016	3,615	599
Gridley	362	397	35
Oroville	650	712	62
Paradise	376	180	(196)
Unincorporated	2,212	1,703	(509)
TOTAL	6,703	6,703	-

Fire Rebuild and Final Allocation	
Fire Allocation	Total Allocation
-	95
-	3,615
-	397
-	712
6,838	7,018
1,965	3,668
8,803	15,506

Example Methodology 7

Agriculture and Forest Lands

Factors and Weights					
TCAC Opportunity Map Index	Percent of Children Living Above Poverty Level	Transit Connectivity Index	Number of Jobs (2020)	Lower-Risk Wildfire Zones (Percent of Area)	Non-Agriculture and Forest Lands (Percent of Area)
5%	0%	5%	5%	5%	80%

Base Allocation and Factor Adjustment			
Jurisdiction	Base Allocation	Factor Adjusted Allocation	Divergence
Biggs	87	110	23
Chico	3,016	3,751	735
Gridley	362	435	73
Oroville	650	788	138
Paradise	376	482	106
Unincorporated	2,212	1,138	(1,074)
TOTAL	6,703	6,703	-

Fire Rebuild and Final Allocation	
Fire Allocation	Total Allocation
-	110
-	3,751
-	435
-	788
6,838	7,320
1,965	3,103
8,803	15,506

Methodologies 1-7

Jurisdiction	Base + Fire Allocation	1. Equal	2. Fair Housing-TCAC	3. Fair Housing-Childhood Poverty	4. Transit	5. Jobs	6. Fire Risk	7. Agriculture and Forest
Biggs	87	77	75	65	55	50	95	110
Chico	3,016	4,055	4,385	3,288	4,309	4,214	3,615	3,751
Gridley	362	324	316	351	253	220	397	435
Oroville	650	643	541	357	665	509	712	788
Paradise	7,214	7,118	7,069	7,282	7,122	7,063	7,018	7,320
Unincorporated	4,177	3,288	3,120	4,163	3,101	3,450	3,668	3,103
TOTAL	6,703	15,506	15,506	15,506	15,506	15,506	15,506	15,506

Explore Alternate Scenarios Using the Tool

	A	B	C	D	E	F	G	H	I	J	K	
5	Factor			TCAC Opportunity Map Index	Percent of Children Living Above Poverty Level	Transit Connectivity Index	Number of Jobs (2020)	Lower-Risk Wildfire Zones (Percent of Area)	Non-Agriculture and Forest Lands (Percent of Area)			
6	Input weights			5%	0%	5%	5%	80%	5%	100%		
7	Derived units			335	-	335	335	5,362	335	6,703		
9	Jurisdiction	Base Allocation		TCAC Opportunity Map Index	Percent of Children Living Above Poverty Level	Transit Connectivity Index	Number of Jobs (2020)	Lower-Risk Wildfire Zones (Percent of Area)	Non-Agriculture and Forest Lands (Percent of Area)	Factor Adjusted Allocation		
10	Biggs	87		4	-	2	2	81	6	95		
11	Chico	3,016		225	-	220	213	2,775	182	3,615		
12	Gridley	362		16	-	11	9	337	24	397		
13	Oroville	650		25	-	34	23	588	42	712		
14	Paradise	376		11	-	14	10	117	27	180		
15	Unincorporated	2,212		55	-	54	77	1,464	54	1,703		
16	TOTAL	6,703		335	-	335	335	5,362	335	6,703		
18	Display Version											
19	Factors and Weights											
20	TCAC Opportunity Map Index	Percent of Children Living Above Poverty Level	Transit Connectivity Index	Number of Jobs (2020)	Lower-Risk Wildfire Zones (Percent of Area)	Non-Agriculture and Forest Lands (Percent of Area)						
21	5%	0%	5%	5%	80%	5%						
23			Jurisdiction	Base Allocation	Factor Adjusted Allocation	Divergence			Fire Allocation	Total Allocation		
24			Biggs	87	95	8			-	95		
25			Chico	3,016	3,615	599			-	3,615		
26			Gridley	362	397	35			-	397		
27			Oroville	650	712	62			-	712		
28			Paradise	376	180	(196)			6,838	7,018		
29			Unincorporated	2,212	1,703	(509)			1,965	3,668		
30			TOTAL	6,703	6,703	-			8,803	15,506		

1. Adjust the factor weights in cells D6-I6. Make sure they total 100% in cell J6.
2. Review total jurisdictional allocations under the scenario in cells J24-J29.