





# CITY OF HERMOSA BEACH SEWER SERVICE CHARGES COMMENCING FISCAL YEAR 2019/2020

ENGINEER'S REPORT





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#### **INTRODUCTION**

In order to effectively establish a capital improvement program to implement the needed wastewater system improvements, an equitable method of prioritizing projects must be established. In general, sewer facilities having the greatest degree of defects and deterioration at the present time will receive higher priority than those which are in better conditions.

In 1994, an Infrastructure Management Project Report, prepared by ITX, analyzed the City's sewer network and also recommended a rehabilitation program to address the immediate needs of the sewer network.

In 2008, considering the City's 85 years old sewer network of concrete and clay pipes, City embarked on the implementation of a Sanitary Sewer Master Plan that updated the Sewer portion of the Infrastructure Management Project Report prepared by ITX in 1994. Building on the work the City had completed through the undertaking of previous studies and projects, the Sewer Master Plan was prepared based upon newly collected data from the 2008 Closed Circuit TV (CCTV) inspection of the entire sewer system. This Sewer Master Plan, dated April 2009 and revised March 2011, currently lists the existing defects and deficiencies and identifies projects for improvements for a 10 year program. At the end of the ten year rehabilitation program, CCTV inspection of the entire sewer system is recommended for monitoring any remaining or newly developed physical deterioration and maintenance problems. This would allow the City to continue with development and implementation of a cost effective rehabilitation program that will insure the long-term integrity of the sewer system and service to the community.

The City is now considering to bond for needed capital improvements using a portion of the proposed sewer service charges to pay annual debt service to address major repairs and rehabilitation of the sewer system based on the priority set in the Sewer Master plan. In support of this endeavor, the City has updated their Sewer Master Plan as of 2017.

#### **SUMMARY AND RECOMMENDATIONS**

As was previously stated, the City has undertaken rehabilitation work of its sewer system based on programs outlined in previous studies that recommended the City to plan for the eventual replacement of the entire sanitary sewer system. City is estimated to currently have 194,000 lineal feet of sanitary sewer pipes, 880 sewer manholes, one (1) main wastewater pump station and three (3) small beach restroom pumps.

In 2008, Closed Circuit TV (CCTV) inspection of the entire sewer system, that was accessible, was completed and prioritized for repair in the 2009 Sewer Master Plan. Of the 194,000 lineal feet of sanitary sewer pipes in the system, 38,000 lineal feet of sewer pipes were not accessible by CCTV due to obstructions. These pipes are likely to be badly deteriorated considering their age and limited accessibility for routine maintenance. Therefore, these pipes are considered a priority for rehabilitation and repair.

Again in 2016-2017, CCTV was conducted for the entire sewer system in conjunction with the latest 2017 Master Plan. The current Master Plan recommends over \$11 million in improvements over the next ten years.

Since 1985, approximately 180 manholes have been rehabilitated or replaced. The remaining 700 manholes are over 85 years old. Some of the existing manhole openings do not provide adequate access and hinder the City's use of closed circuit television inspection and emergency bypass equipment. Some of the manhole bottoms are deteriorated and need to be replaced. It is anticipated that in the next ten (10) years about 15% of the remaining 700 manholes will have to be reconstructed and or replaced.



This Engineer's Report ("Report") has been prepared for the City of Hermosa Beach commencing in Fiscal Year 2015/2016 and consists for four (4) parts:

#### **PART A – PLANS AND SPECIFICATIONS**

Contains a summary of the improvements within the City to be maintained and the proposed services and activities to be funded by the sewer services charges.

#### PART B - ESTIMATE OF COST

Identifies the estimated cost of the services and/or maintenance to be provided by the City, including annual service and maintenance expenses; debt service for capital outlays, repairs, rehabilitation or replacement of equipment or facilities; as well as operational and incidental costs and expenses in connection therewith.

#### PART C - CHARGE CALCULATION AND PROPOSED CHARGES

Outlines the basis on which the annual charges will be calculated for each parcel within the City.

#### PART D - BOUNDARY DIAGRAM

Contains a Diagram showing the exterior boundaries of the territory within the City of Hermosa Beach subject to annual sewer services charges, which is coterminous with the boundaries of the City of Hermosa Beach. Parcel identification, the lines and dimensions of each lot, parcel and subdivision of land within proposed sewer services boundary described herein are identified and correspond to the Los Angeles County Assessor's Parcel Maps for said parcels as they existed at the time this Report was prepared and shall include all subsequent subdivisions, lot-line adjustments or parcel changes therein. Reference is hereby made to the Los Angeles County Assessor's maps for a detailed description of the lines and dimensions of each lot and parcel of land within the City of Hermosa Beach and subject to the proposed annual sewer services charges to be levied on behalf of the City.



#### PART A — PLANS AND SPECIFICATIONS

#### CITY SEWER IMPROVEMENTS<sup>1</sup>

The sewer improvements within the City of Hermosa Beach for which the City proposes to be responsible for maintenance and operation of the sewer system as well as levy and collect charges to maintain such improvements, includes, but is not limited to, and may be generally described as follows:

- Approximately 194,000 feet of main sewer lines consisting of the following:
  - o 28,868 linear feet (LF) of 6" sewer lines;
  - 149,993 linear feet (LF) of 8" sewer lines;
  - o 4,204 linear feet (LF) of 10" sewer lines;
  - 5,071 linear feet (LF) of 12" sewer lines;
  - o 1,254 linear feet (LF) of 15" sewer lines;
  - 1,150 linear feet (LF) of 18" sewer lines;
  - o 805 linear feet (LF) of 21" sewer lines; and
  - 2,655 linear feet (LF) of 24" sewer lines.
- 880 Sewer Manholes
- Four Lift/Pump station: 394 21 inch and 2,629 24 inch
  - Three (3) Beach restroom pumps
  - o The Strand 34th

The specific plans and specifications for the city-owned sewer improvements are incorporated and contained in the sewer construction plans and specifications for the various sewer segments of the sewer system within the City of Hermosa Beach. These plans and specifications are voluminous and are not bound in this report but by this reference are incorporated and made a part of this report. The specific plans and specifications for the city-owned sewer improvements are on file in Public Works at the City.

#### **OPERATIONS, MAINTENANCE AND SERVICES**

The City of Hermosa Beach proposes to collect funds to cover the expenses for the overall operation, maintenance and servicing of the city-owned sewer system as well as funds that may be necessary to pay for capital outlay expenditures including repairs, rehabilitation or replacement of equipment or facilities. The following is a summary of the services and activities associated with the maintenance, operation, servicing and capital outlay expenditures for the City's sewer system. The frequency, extent and/or level of the services and activities identified below may be modified based on available funding and priorities as determined by the City:

#### **Preventive Maintenance**

One of the City's primary objectives for assuming responsibility and management of the operation and maintenance of the City's sewer system is to provide a cost-effective and efficient program that will ensure the integrity and long term stability of the sewer system. This is best accomplished by implementing preventive maintenance program that addresses the entire sewer system. This preventive maintenance should include, but is not limited to, regular inspection of the sewer manholes, pipes, siphons, pump stations and related facilities as well as regular cleaning, repair, and related activities as warranted. These activities are intended to detect and correct potential problems

<sup>&</sup>lt;sup>1</sup> Information from the City of Hermosa Beach Master Plan.

before they develop into major problems. The following is a general summary of those preventive maintenance activities.

- Sewer Line and Manhole Inspection The interior and exterior of manholes to be inspected (at least once a year) for any structural defects, sewage flow condition, presence of vermin or rodents, deleterious industrial waste, odors, and any signs of unusual settlement around or evidence of debris within the manholes and along sewer alignments.
- Sewer Line Cleaning Sewer lines will be videoed and cleaned by hydro jet or rodding as needed based on a scheduled that ensures each sewer line is addressed at least every three-five years. The actual frequency of cleaning may vary based on inspection records. Sewer lines known to cumulate grease, garbage grinds, or sand may be addressed more frequency with possible monthly, quarterly, or semi-annual cleaning schedule. Those areas prone to root growth may be periodically rodded or chemically treated.
- > Sewage Pump Stations All pump stations are equipped with telemetry/alarm systems and will be inspected at least once a week. Pumps and motors will be inspected and lubricated, control mechanisms and valves will be checked and adjusted as necessary. Pump station equipment will be repaired or modified as required.
- Gas Trap Manholes and Siphons Inspected and cleared of any stoppages or flow restrictions on a monthly basis.
- > Drop Manholes Inspected and cleared of stoppages and flow restrictions on variable frequencies based on prior inspection records.
- Vermin and Rodent Control On an as-needed basis, sewers infested by insects will be chemically treated, and those infested by rodents will be baited.

#### **Capital Outlay, Rehabilitation and Replacement**

The City plans to bond for needed capital improvements using a portion of the proposed sewer service charge to pay annual debt service to address major repairs and rehabilitation of the sewer system on a priority basis. However, in addition the City plans to develop and implement a long-term replacement and refurbishment program that will ensure not only the short term integrity of the sewer system, but also the long-term integrity and continue service to the community. As the city's sewer collection system ages, the risk of failure will ultimately increase due to deterioration, collapse, blockage, excessive inflow and infiltration, overflow, and other potential service interruptions. Therefore, while the scheduling of major repairs, rehabilitation projects and replacement projects will ultimately be implemented based on available funding, highest priority will be given to structural deficiency. However, by developing a long-term replacement and refurbishment program with the goal of eventually addressing the entire system, the City may also address hydraulic deficiency in addition to the structural deficiency.

#### **Sewer System Management**

Mapping - As-built plans of the sewer facilities will be maintained by the City. Data on the plans, such as system locations and alignment, pipe material, size, etc., will be maintained and stored electronically by the City. These maps will be available and utilized by the field crews for work scheduling and responding to emergencies, and will be updated to reflect any changes in the system.

Work Scheduling - Field crew activities will be recorded and tract by the City utilizing various forms including, but not limited to service requests, cleaning reports, sewer maintenance daily reports, overflow reports forms, project work orders, etc.



#### PART B — ESTIMATED COST OF THE IMPROVEMENTS

The net amount to be charged on the lots or parcels within the City is based on an initial estimate of the annual cost and expenses for the maintenance, operation, servicing of the City's existing sewer system improvements as well as the funding deemed appropriate and necessary for future capital improvements and reserves (Replacement funding). It is estimated that sewer capital improvements are needed at \$11 million for the current planning period.

It is the City's plan to spend \$3 Million in cash plus finance an additional \$8 Million to fund needed improvements.

USE OF REVENUE						
O & M/year (range)	\$250,000 - \$450,000					
Available for Improvement Financing / Year	\$700,000 - \$900,000					
\$ Charge/1 ESU (Single Family Resident)	\$115/year*					

<sup>\*</sup>Fiscal Year 2015/2016



#### PART C — CHARGE CALCULATION AND PROPOSED CHARGES

The sewer service charge for 2019/2020 is being reestablished by the City. The charge multiplied by the Equivalent Sewer Units assigned to each parcel will be the charge for each parcel. The Equivalent Sewer Unit (ESU) determination for each parcel is described below.

LAND USE	ESU
Single Family	1.0
Condominiums	1.0
Multi Family	0.6

#### **Sewage Generation Factors**

The City of Hermosa Beach updated their sanitary sewer master plan in April 2009, March 2011, and again in June 2017.

A numeric relationship between the various lots and parcels is necessary for the allocation of the costs of sewer maintenance among the lots and parcels. It is customary to relate the various land uses to the single family residential lot which is established as one Equivalent Sewage Unit (ESU), and all other lots and parcels are related proportionally to the single family residential lot. Based on sewage generation rates, a typical single family lot generates 260 gallons per day in Los Angeles County<sup>2</sup>. Therefore, for purposes of comparison of the various land uses for lots and parcels, 260 gallons per day is designated as the equivalent of 1 ESU.

#### Non-residential Land Uses

The ESU for various non-residential land uses is calculated by the following equation:

ESU = [Commercial Water Consumption GPD]/260 GPD per SFRU

Single family residential units will be charge at 1.0 ESU per parcel, the multi-family residential units will be charged at 0.6 ESU per parcel and condominiums at 1.0 ESU per parcel as they are similar to single family residents in use. For the non-residential, it was allocated by water consumption values for all of Hermosa Beach from information provided by California Water Services Company annually. Vacant parcels of any use are charged 0.5 ESU.

<sup>&</sup>lt;sup>2</sup>West Hollywood Sewer Charge Report.



#### **Government Facilities and Parcels**

There are several parcels that receive sewer service that are owned and operated by local government. Proposition 218 requires that each parcel not pay more than the proportional cost of providing the service. Therefore, because these government parcels use the sewer service, they are included in the computation of the charge and are charged.

#### CALCULATION OF THE CHARGE

The sewer service charge is based on the direct cost of providing the service. These costs include staff, rent, utilities, and other costs as needed for sewer repair and improvements as described earlier in this report.

The \$115 charge per ESU for 2015/2016 was adopted by the City Council on April 28, 2015 and approved on June 23, 2015 is multiplied by the ESUs for each residential parcel and by water consumption for non-residential to determine the charge for each parcel. The 2016/2017 revenue for the sewer services was funded by the total of the charges from the parcels using \$115/ESU times 1.7% Annual increase. The sewer charge for Fiscal Year 2016-2017 was \$116.96/ESU. The charge for 2017/2018 was 2% greater than 2016/2017 for a charge of \$119.30/ESU for 2017/2018. The charge of \$119.30/ESU was increased by 2% for a charge of \$121.69/ESU for fiscal year 2018-2019. Last year's charge of \$121.69/ESU will be increased by 2% for a charge of \$124.12/ESU for fiscal year 2019-2020. See Appendix for information determining the 2%.

#### **ANNUAL INCREASES**

Because the costs of providing the sewer service may increase over time, beginning July 1, 2016 and each July thereafter, the charge per ESU established in 2015/2016 shall be increased by the annual increase in the Consumer Price Index for Urban Wage Earners and Clerical Workers in the Los Angeles-Long Beach-Anaheim (this used to be referred to as Los Angeles-Riverside-Orange County, it is a continuous index linked to the previous index), CA Area (CPI), including all items as published by the US Bureau of Labor Statistics as of March 1 of each year, not to exceed two percent (2%) per year. The annual increases can only be authorized for a five year period. To increase the charge after the initial five year period, would require a new Proposition 218 hearing.

#### **PROPOSITION 218 CONSIDERATIONS**

Proposition 218, which the voters of the State of California passed on November 5, 1996, contains requirements for the imposition of a fee or charge for property related services. Requirements for fees and charges are contained in Section 6 of Article XIII D.

Paragraph (b) describes the requirements for new, existing, or increased fees and charges, as: (1) Revenues shall not exceed the funds required to provide the service.

- (2) Revenues shall not be used for any other purpose.
- (3) The amount of the fee or charge imposed upon any parcel or person as an incident of property ownership shall not exceed the proportional cost of the service attributable to the parcel.
- (4) No fee or charge may be imposed unless the service is actually used by or immediately available to the owner of the property in question.



(5) No fee or charge shall be imposed for general governmental services, i.e., police, ambulance, library, where the service is available to the public at large in substantially the same manner as it is to the property owners.

This report and recommended charges complies with all five of these requirements.

- 1. Revenues generated by this charge will not exceed funds required to provide sewer services and shall not be used for any other purpose, besides what has been described herein.
- 2. The sewer charge is the proportional cost of provided service to the parcels in the City and the charge is for actual use or is immediately available to the property in question.

Due to the number of parcels in the City of Hermosa Beach that will be subject to the Sewer Service Charge, the Parcel Charges (a listing of the Assessor's Parcel Numbers to be levied the proposed charge amounts) is not contained in this Report, but will be filed with the City Clerk in an electronic format prior to the public hearing regarding the levy and collection of the charges for Fiscal 2019/2020. The proposed Parcel Charge Roll, after being filed with the City Clerk, shall be available for public inspection in the City Clerk's Office during normal business office hours. However, the following tables provide a summary of the estimated ESUs by land use anticipated for Fiscal Year 2019/2020, per the County's assigned land use classification of each parcel within the City that was available at the time this Report was prepared.

#### **EXAMPLES OF ESUs BY LAND USE - Residential**

	Residential Parcel Breakdo		
Code	Land Use Description	Total Parcels	Total ESU's
0100	1 Unit	2899	2899.00
0101	1 Unit, Pool	78	78.00
0103	1 Unit	16	16.00
0104	1 Unit, Therapy Pool	162	162.00
0108	1 Unit	6	6.00
0109	1 Unit, Other Improvements	8	8.00
010C	1 Unit, Condominium	1526	1526.00
010D	1 Unit, Planned Community	102	102.00
010E	1 Unit, Condo Conversion	103	103.00
010V	Vacant Residential	68	34.00
0110	1 Unit	45	45.00
0111	Residential	5	5.00
0113	Residential	2	2.00
0114	Residential	2	2.00
0120	1 Unit	1	1.00
012C	Residential	13	13.00
01DC	1 Unit, Condominium	36	36.00
0200	2 Units, 1-4 Stories	854	1024.80
0201	2 Units, 1-4 Stories, Pool	6	7.20
0203	Residential	1	0.60
0204	2 Units, Therapy Pool	4	4.80
020C	1 - 4 Units, Condominium	1	1.00
020V	2 Units, Vacant	1	0.50
0300	3 Units, 1-4 Stories	156	280.80
0304	Residential	1	1.20
0400	4 Units, 1-4 Stories	153	367.80
0500	5+ Units, 1-4 Stories	161	916.20
0501	5+ Units, 1-4 Stories, Pool	8	364.20
0510	5+ Units	1	3.00
0900	Mobile Home Park	3	48.60
		Total Parcels	6,422
		Total ESU's	8,058.70

#### **EXAMPLES OF ESUs BY LAND USE - Non-Residential**

Code	Non-Residential Parcel Breakdown by Land Use Description	Total Parcels	Total ESU's
100V	Commercial, Unassigned, Vacant	25	12.50
1100	Store, 1 Story	87	127.9
1102	Store, 2 Stories	2	12.8
110C	Store, Condominium	4	0.4
1200	Store and Office, 1 Story	18	36.2
1210	Store and Residence, 1 Story	29	47.5
1212	Store and Residence, 2 Stories	2	10.6
1340	Retail Warehouse, 1 Story	1	0.0
1400	Supermarket, 12000+ SqFt, 1 Story	1	7.2
1420	Supermarket, Under 6000 SqFt, 1 Story	2	1.0
1500	Shopping Center, Community, 1 Story	10	110.8
1700	Office Building, 1 Story	57	23.9
1702	Office Building, 2 Stories	4	3.50
1703	Office Building, 3 Stories	5	6.32
170C	Office Building, Condominium	69	14
1720	Office Building and Residence, 1 Story	1	0.00
17TO	Commercial	1	2.6
1810 181C	Hotel, 50+ Rooms, 1 Story	102	25.67
1820	Commercial Motel, 1-49 Rooms, 1 Story	2	1.02 7.22
1830	Motel, 50+ Rooms, 1 Story	3	61.89
1900	Professional Building, 1 Story	3	1.60
1900	Professional Building, 1 Story  Professional Building, 2 Stories	1	3.04
1910	Professional Building, Med/Dental, 1 Story	2	3.28
1920	Professional Building, Veterinary, 1 Story	1	1.47
2100	Restaurant, Lounge or Tavern, 1 Story	26	77.8
2102	Restaurant, Lounge or Tavern, 2 Stories	1	9.18
2110	Fast Food, Walk Up, 1 Story	2	6.49
2120	Fast Food, Auto Oriented, 1 Story	1	8.17
2300	Bank or Savings and Loan, 1 Story	4	6.38
2400	Service or Repair Shop, 1 Story	0	0.00
2500	Service Station, 1 Story	2	1.09
2600	Auto Body and Fender, 1 Story	23	14.76
2601	Auto Sales & Service	1	0.52
2610	Used Car Sales, 1 Story	1	0.30
2620	New Car Sales and Service, 1 Story	1	0.3
2630 2670	Car Wash, 1 Story	1 1	36.00
2700	Auto Service Center, No Gasoline, 1 Story Parking Lot, Patron/Employee, 1 Story	46	1.10 15.80
270V	Parking Lot, Vacant	1	0.50
300V	Industrial, Vacant	5	2.50
3100	Light Manufacturing, 1 Story	27	7.72
3300	Warehousing, Under 1000 SqFt, 1 Story	2	0.09
3350	Mini Public Storage, 1 Story	1	2.87
6400	Clubs, Lodge Halls, Fraternal Orgs, 1 Story	2	8.89
7100	Churches, 1 Story	7	10.35
7110	Church Parking Lots, 1 Story	5	2.34
7200	Private Schools, 1 Story	4	3.19
7400	Hospitals, 1 Story	2	22.19
7500	Home For Aged and Others, 1 Story	1	0.59
8100	Utility/Commercial/Mutual SBE Assessed	15	0.0
8500	Right of Way	2	0.0
0088	Government, Unassigned	52	0.00
V088	Government Owned, Vacant	5	2.5
8833	School Administration Center	1	0.0
8899	Possessory Interest, No Category	1	0.0
		Tak-I D	2-
		Total Parcels	670
		Total ESU's	750.6



#### PART D - BOUNDARY DIAGRAM

The parcels within the Sewer Service Charge Area consist of all lots, parcels and subdivisions of land within the City of Hermosa Beach. A copy of the Boundary Diagram is provided below.

#### **CITY OF HERMOSA BEACH BOUNDARY DIAGRAM**





### **APPENDIX**

### CONSUMER PRICE INDEXES PACIFIC CITIES AND U. S. CITY AVERAGE JANUARY 2019

(All items indexes. 1982-84=100 unless otherwise noted. Not seasonally adjusted.)

	All Urban Consumers (CPI-U)						Urban Wage Earners and Clerical Workers (CPI-W)						
				Percent Change		Indexes			Percent Change				
	Indexes		Year 1 Month		Year				1 Month				
MONTHLY DATA			ending ei		ending				ending		ending		
	Jan	Dec	Jan	Dec	Jan	Jan	Jan	Dec	Jan	Dec	Jan	Jan	
		2018	2019	2018	2019	2019	2018	2018	2019	2018	2019	2019	
U. S. City Average	247.867	251.233	251.712	1.9	1.6	0.2	241.919	244.786	245.133	1.8	1.3	0.1	
West	258.638	265.209	265.624	3.1	2.7	0.2	250.416	256.879	257.040	3.1	2.6	0.1	
West – Size Class A <sup>1</sup>	266.498	273.507	274.142	3.2	2.9	0.2	256.300	263.302	263.758	3.4	2.9	0.2	
West – Size Class A <sup>1</sup> West – Size Class B/C <sup>2</sup>	150.564	154.228	154.328	2.9	2.5	0.1	150.288	153.954	153.891	2.9	2.4	0.0	
Mountain <sup>3</sup>	100.450	102.980	102.715	3.0	2.3	-0.3	100.510	103.266	103.028	3.3	2.5	-0.2	
Pacific <sup>3</sup>	100.521	103.083	103.401	3.1	2.9	0.3	100.561	103.091	103.277	3.1	2.7	0.2	
Los Angeles-Long Beach-Anaheim, CA	261.235	267.631	269.468	3.2	3.2	0.7	251.785	258.101	259.182	3.3	2.9	0.4	
				Per	Percent Change					Percent Change			
BI-MONTHLY DATA	Indexes		Ye	ar	2 Months	Indexes			Year		2 Months		
(Published for odd months)			ending ending		ending				ending		ending		
(i ubilistica for odd months)	Jan	Nov	Jan	Nov	Jan	Jan	Jan	Nov	Jan	Nov	Jan	Jan	
	2018	2018	2019	2018	2019	2019	2018	2018	2019	2018	2019	2019	
Riverside-San Bernardino-Ontario, CA <sup>3</sup>	100.916	103.616	103.991	-	3.0	0.4	100.944	103.737	104.062	-	3.1	0.3	
San Diego-Carlsbad, CA	288.331	293.858	295.761	2.8	2.6	0.6	271.120	278.473	277.832	3.8	2.5	-0.2	
Urban Hawaii	273.909	279.700	279.005	2.0	1.9		269.435	276.213	274.941	2.4	2.0	-0.5	
				Percent Change					Percent Change				
BI-MONTHLY DATA	Indexes		Ye	ar	2 Months	Indexes			Ye		2 Months		
(Published for even months)			ending ending					ending		ending			
(i delicited for even mentile)	Dec	Oct	Dec	Oct	Dec	Dec	Dec	Oct	Dec	Oct	Dec	Dec	
	2017	2018	2018	2018	2018	2018	2017	2018	2018	2018	2018	2018	
Phoenix-Mesa-Scottsdale, AZ <sup>4</sup>	134.361	140.517	140.083	-	4.3	-0.3	132.129	139.062	138.231	-	4.6	-0.6	
San Francisco-Oakland-Hayward, CA	277.414		289.896	4.4	4.5	0.1	271.342	283.183		4.4	4.4	0.0	
Seattle-Tacoma-Bellevue, WA			273.293	3.1	2.8	0.2	262.485	269.719	269.470	3.3	2.7	-0.1	
Urban Alaska <sup>2</sup> Papulation 2 500 00		228.170		3 Dog 201	2.8		218.660		223.996	-	2.4	-0.7	

<sup>&</sup>lt;sup>1</sup> Population over 2,500,000 
<sup>2</sup> Population 2,500,000 and under, Dec 1996 = 100 
<sup>3</sup> Dec 2017=100 
<sup>4</sup> Dec 2001=100 
Dash (-) = Not available

NOTE: In January 2018, BLS introduced a new geographic area sample for the Consumer Price Index (CPI): www.bls.gov/regions/west/factsheet/2018cpirevisionwest.pdf Historical tables including semiannual and annual average data are available at: www.bls.gov/regions/west/data/cpi\_tables.pdf

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