OUCC Meeting - Wildhorse Casino & Resort • Pendleton, Oregon

Meeting Minutes - draft Meeting Date: October 9, 2018

Call to order:

Scott Gallegos called the meeting to order at 1:00 p.m. and introductions were made. Motion to approve minutes from 8.7.18 meeting was made by Tobin Werner and 2^{nd} by Dawn Hickson.

Treasurer's Report:

Current balance: \$7,387.00 -Balance includes \$5,636.00 in trailer funds, and operating expenses. Balance based on Dawn's report. -Motion was made to accept the treasurer's report by Tobin and 2nd by Jason.

P & E Report:

Tobin reported he's keeping the 811 trailer stocked with promo items to use. Please let him know what you've used so he can replace/purchase.

To reserve the 811 trailer, go to: <u>http://oucc.net/</u> and click on <u>Reserve the 811 trailer</u> for your event. Kitty let members know the online store has yellow/orange beanie caps now to order.

Guest Speaker:

Micah Brown, OUNC Board member and Chair of OAR's presented the OAR Rules Revision 2019 ppt. He provided handouts (see attachment) Discussion followed:

- Members shared concern with 952-001-0090(3). Revised definition should hold excavators accountable.
- 45 Calendar Day "Ticket Life": DOJ added (9) and working on having an automatic ticket reminder 5 days prior to expiration.
- Directional Drilling was added under 952-001-0090(3)(5)
- Revision to Color Code
- Final approval from OUNC board on Nov.14th, 2018. Micah will send this presentation out to all UCC Presidents to share with their council members.
- Attachment 1- OUNC OAR Revision 2019 ppt

Zone Reports

-Yamhill UCC: Tobin reported the council meets 1st Wednesday of every month. They meet at Jac's in Newberg. 8-10 attending each meeting. Past Events:

Tobin said the council would probably continue to sponsor same events in 2019 which include contractor's lunch, Newberg Public Works Day, Sherwood Cruiz, Old Fashion Festival and McMinville Drag the Gut.

-North Coast UCC: No report

-Mid Willamette UCC: Tobin Werner reported they meet the 3rd Wednesday of each month at Mommies & Maddy's with 15 attending. Council will sponsor same events in 2019 that include:

Contractors Career Day, Salem Public Works Day & Softball & Baseball team sponsorship.

-Metro UCC: Dawn Hickson reported their council meets 4th Wednesday of each month with 15-20 attending. Odd months at Stark Streets and Buster's in Tigard on even months.

Past Events:

-Sponsor the 2018 MUCC Annual Golf Tournament in July. This year all profits went to the Ronald McDonald House to honor Jarrod Morrison. (\$3.5k)

Zone 2-

-Linn Benton UCC: Joyce Nelsen reported the council meets the 4th Friday of each month at Cascade Grill in Albany with 8-10 attending.

Past Events:

-Contractors breakfast at NWN on 2.23.18

-Join with East Linn Benton - Career Day in Lebanon, OR

-Contractors dinner 5.18.18 in association with Linn Benton council.

-LBUCC joined ELBUCC on the following events: softball team sponsorship, South Albany High School baseball team sponsorship including banner on field, banner placed at Lebanon Circle track, booth at Linn County fair, Veterans Golf tournament sponsorship.

-East Linn Benton UCC: Jason Williams reported they meet the 1st Thursday of each month at Big Town Hero in Lebanon 6-8 attending.
Past Events:
-Booth at Hay's Hardware – grand opening
-Linn County fair in July
-Contractor's dinner in May/June
-Lebanon Fire Departments Safety Days in June
-Strawberry Parade

-They partner with Linn Benton UCC

-Lane UCC: Roman Hernandez reported the council meets 1st Thursday of each month at Sizzler Steak House in Springfield.

Council has asked if there is standard letters they can use for contractors suspected to be in violation of dig laws. Lane council has upgraded to a cloud database to track minutes and attendance. 2019 ideas include radio/TV ads with OUNC, reward crews and companies with 811 logo on t-shirts, partnering with

EWEB and Fire dept. 20x21 Eugene Mural project is still in discussion; maybe partner with OUNC for sponsorship.

-Lincoln UCC: Jason Williams reported the council meets 3rd Wednesday of each month 8+ attending at Side Door Café, Gleneden Beach.

Past Events: -Contractor's dinner in May -Ferguson Pipe BBQ in June -Kite Festival, Lincoln City -Fishing Derby in June -Centurylink vendor table in June & August. -Girls' softball sponsorship

Zone 3-

-Douglas County UCC: Ryon Kershner reported they meet 1st Tuesday of each month at Ten Down Bowling. 5-15 people attend.

Past Events:

-Home Show- in March

-Contractors breakfast - April 20. Guest speaker Vern Dozier; 86 people attended.

-Sponsor RHS girl's lacrosse team

-Ferguson bbq- shirts and swag handed out

-Junior Disc Golf Tournament- shirts and swag handed out

-VFW golf tournament

- continue to educate and get the word out.

-South Coast UCC: Jason Williams reported they meet the 2nd Thursday of each month at Blue Herring.

Past Events: -Contractors Breakfast – 40 attended -Fire Dept. Emergency Day – 300 + -Farmers Market - Ferguson Pipe BBQ in June.

-Klamath Falls UCC: No Report

-Rogue Basin UCC: Jeff Simas reported they meet the 3rd Wednesday quarterly.

gue Basin UCC: Jeff Simas reported they meet the Past Events:
-Plumbers Apprenticeship JATC in February
-Pear Blossom in April
-Dare Cruise August 11
-PNWS-AWWA Golf tourney; sponsor a hole

-Battle of the Bones, Sept 14th

Upcoming Events:

-Jeff will present at APWA conference Oct. 23rd

-Contractors breakfast in December -Training in Ashland

Zone 4-

-Hood River UCC: John Buckley had reported in August they meet the last Wednesdays every other month with 4-8 people attending. Looking for new site to meet.

Past Events:

-Hand out 2,500 811 calendars every year.

-Hood River County Fair

-Donations made towards baseball & golf tournaments.

-Annual Picnic at Toll Bridge Park- Sept. 27

-Hood River Hops in September with 811 trailer present.

-Hood River Electric Coop in September- hand out 811 promo items

-Wasco County UCC: No Report

-Central Oregon UCC: Kyle Thomas had reported in August they meet on Wednesday's of every month at Pappy's Pizza with 15-20 attending.

Upcoming Events: -Vactor truck / 811 wrapped -Fall Fest -Outreach to 3 counties -Contractor Program; Kyle created this program in the City of Bend as an active approach to help contractors understand laws/rules and change bad behavior.

Zone 5-

-Umatilla UCC: Kyle McCauley reported the council sponsored the Pendleton Bike week with a booth and Truck Day.

-Union UCC: No Report0

Baker UCC: Kyle reported they meet Noon on the 4th Monday of even months at the Sunridge Inn, Baker City.
Past Events:
-Contractor's lunch in December. Kevin Bissel with OCC was guest speaker.
-Has combined Oregon Utility Safety Committee/OUSC with Baker UCC

-County Fair Booth

-Banner at Baker City High School

-6 week radio ad campaign; co-sponsor with Union UCC

 -Malheur UCC: Kyle reported the council meets the first Thursday of the month from noon - 1 pm. Location varies between Ontario, Vale and Nyssa. Past Events:
 -Contractor's lunch -County Fair booth

-Ontario Chamber lunch

- Home Depot Kids safety fair

- Has combined Oregon Utility Safety Committee/OUSC with Malheur UCC
- Kyle will wait till 2019 for next contractor's breakfast to share new dig laws.

Old Business:

• Elections were held and 2019 OUCC State Council is: Scott Gallegos/President, Dawn Hickson/VP-Treasurer and Tobin Werner/Secretary.

• Taxes: members discussed options and came to the agreement to hire one person to handle tax-exempt issues.

Scott made a motion:

OUCC will ask a CPA to prepare OUCC and local council taxes. OUCC is requesting funding up to 15K immediately from the OUNC. If denied, OUCC will collect \$500 from each council from annual payout and pay remaining balance form 'additional funds account'. Motion was 2nd by Dawn and passed.

New Business:

• Formal Letter to repeat offenders: members discussed creating a formal letter that all councils could use to send out and track repeat offenders who are not calling in for locates. Include in letter 'you are not complying' and 'we can offer training.' Ask OUNC board to develop. If no enforcement follows, the council would need to follow up.

• 2019 Meeting Calendar: OUNC to approve board members meeting schedule November 14, 2018. UCC Member's want to keep similar schedule as 2018.

• Joint States Meeting in 2020 will be hosted by Oregon/OUCC.

• DIRT: Dawn created a spreadsheet sorted by Zone, Council, and then the County. For a complete copy of the file, ask Dawn or Kitty for a copy. Attachment 2 shows Breakdown.

<u>Good of the Order</u>: Members discussed Spanish and Russian version of Standards Manual. OUNC has priced this out and is in discussion. Waiting till 2019 versions is printed in Dec. of 2018.

-Next meeting:

• February 12, or March 12, 2019 – location tbd -Dawn made a motion to adjourn and Tobin 2nd the motion. Adjourned at 4:20 pm

Submitted by: Kitty Davis on October 25, 2018

Attachment 1

Oregon Utility Notification Center

Chapter 952 - Oregon Administrative Rules Revision 2019



Oregon Utilities Coordinating Council together with the Oregon Utility Notification Center present

STANDARDS MANUAL

UTILITY NOTIFICATION CENTER

Two Full Business Day Amendment

Current 48 Hour Rule

OAR 952-001-0010 Definitions:

(2)"Business day" means any 24-hour day other than a Saturday, Sunday or federal or state legal holiday.

OAR 952-001-0070 Operators to Mark Underground Facilities or Notify Excavator that None Exist

(1) Except as provided in section (3) of this rule, within 2 business days (48 hours) after the excavator notifies the Oregon Utility Notification Center of a proposed excavation, the operator or its designated agent must:

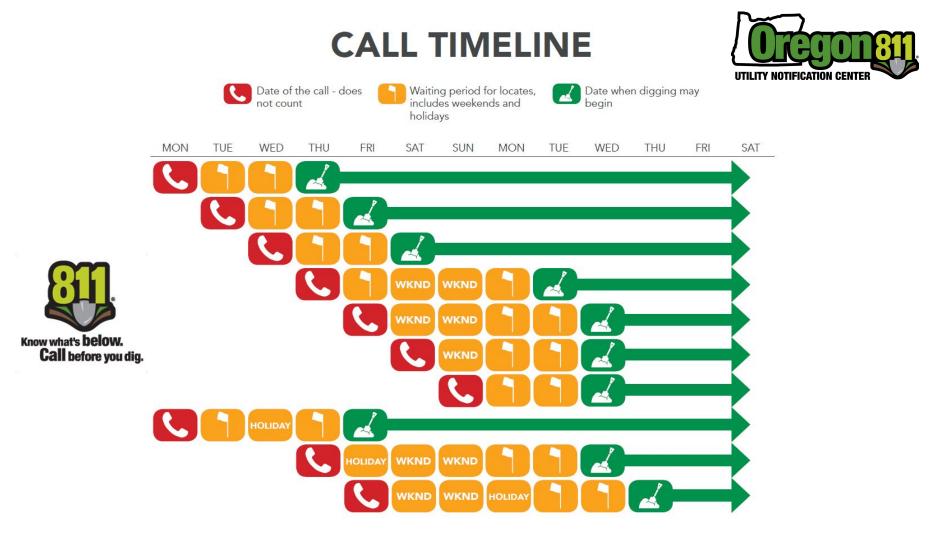
Revised 2 Full Business Days

OAR 952-001-0010 Definitions:

(2)"Business day" means any 24-hour day other than a Saturday, Sunday, or federal or state legal holiday as provided in ORS 757.542. A business day begins at 12:00 a.m. and ends at 11:59 p.m.

OAR 952-001-0070 Operators to Mark Underground Facilities or Notify Excavator that None Exist

(1) Except as provided in section (2) of this rule, within two full business days following the day an excavator notifies the Oregon Utility Notification Center of a proposed excavation, the operator or its designated agent must:



Tolerance Zone Amendment/Adoption

Current Reasonable Accuracy

OAR 952-001-0010 Definitions:

(21)"Reasonable accuracy" means location, within 24 inches, of the outside lateral dimensions of both sides of an underground facility.

OAR 952-001-0070(1) Except as provided in section (2) of this rule, within two full business days following the day an excavator notifies the Oregon Utility Notification Center of a proposed excavation, the operator or its designated agent must:

(a) Mark with reasonable accuracy all of its locatable underground facilities within the area of proposed excavation. All marks must indicate the name, initials or logo of the operator of the underground facilities, and the width of the facility if it is greater than 2 inches;

Revised Tolerance Zone

OAR 952-001-0010 Definitions:

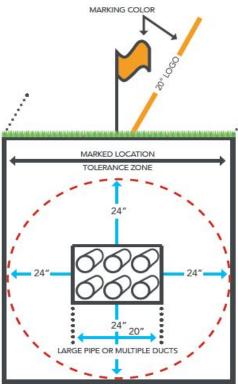
(25)"Tolerance zone" means the area within 24 inches surrounding the outside dimensions of all sides of an underground facility.

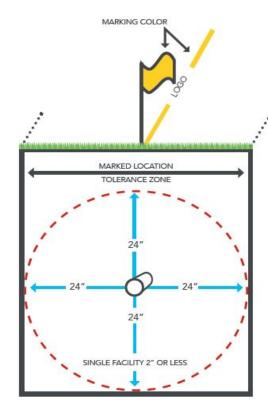
OAR 952-001-0070(1) Except as provided in section (2) of this rule, within two full business days following the day an excavator notifies the Oregon Utility Notification Center of a proposed excavation, the operator or its designated agent must:

(a) Mark with reasonable accuracy the lateral dimensions of the Tolerance Zone, all of its locatable underground facilities within the area of proposed excavation. All marks must indicate the name, initials or logo of the operator of the underground facilities, and the width of the facility if it is greater than 2 inches;

TOLERANCE ZONE









Tolerance Zone and HDD Protocol

Current Excavator Responsibilities

952-001-0090(2) Once underground facilities have been marked, the excavator must:

(c) Employ hand tools or other such non-invasive methods to determine the exact location of the underground facility when excavation is to be made within the reasonable accuracy zone.

Revised Excavator Responsibilities

952-001-0090(3) Once underground facilities have been marked, the excavator must:

(c)Employ hand tools or other non-invasive methods either to determine the exact location of the underground facility or down to 24 inches beyond the depth of intended excavation within 24 inches of the outside dimensions of a marked underground facility.

(5) When excavating using horizontal directional drilling, the excavator must visually monitor the drill head and back reamer pass through the tolerance zone.

45 Calendar Day "Ticket Life" Adoption

OAR 952-001-0010 Definitions:

(23)"Ticket life" means the 45 calendar day period after an excavator provides notice to the Oregon Utility Notification Center under OAR 952-001-0050(1) and the Center opens a ticket for a locate request based on this notice.

OAR 952-001-0090 Delay of Excavation Until Response from Facility Operators; Duty of Excavator to Use Reasonable Care; Damage to Facilities

(a) Maintain marks during the excavation period to ensure that the original marks remain effective for the life of the project or the ticket life, whichever is the shorter period;

(9) An excavator must not begin an excavation more than 10 business days after providing notice to the Oregon Utility Notification Center of the excavation, or continue excavating at a location following expiration of its ticket life unless the excavator has re-notified the Oregon Utility Notification Center of the excavation as provided in OAR 952-001-0050.

Federal Guidelines for Damages to Gas/Liquid Pipelines Amendment

Current Guidelines

952-001-0090 Delay of Excavation Until Response from Facility Operators; Duty of Excavator to Use Reasonable Care; Damage to Facilities

(4) If the excavator causes or observes damage to underground facilities, the excavator must notify the operator of the underground facilities immediately. If the damage causes an emergency, the excavator must also notify all appropriate local public safety agencies immediately by calling 911 and must take reasonable steps to insure the public safety. The excavator must not bury damaged underground facilities without the consent of the operator of the damaged underground facilities.

Revised Guidelines

952-001-0090 Delay of Excavation Until Response from Facility Operators; Duty of Excavator to Use Reasonable Care; Damage to Facilities

(6) If the excavator causes or observes damage to underground facilities, the excavator must notify the operator of the underground facilities immediately. If the damage causes an emergency or if the damage from excavation activity is to a pipeline and causes the release of any natural gas, other gas or hazardous liquid from the pipeline, the excavator must promptly report the release to appropriate emergency response authorities by calling the 911 emergency telephone number and must take reasonable steps to ensure the public safety. The excavator must not bury damaged underground facilities without the consent of the operator of the damaged underground facilities.

Documented Agreement Adoption

OAR 952-001-0070(2) Excavator to Give Notice of Proposed Work; Exemption

An operator or designated agent must comply with the terms of an agreement with the excavator, confirmed in writing by both parties prior to excavation that provides a date and time for the operator to mark facilities within a time period that exceed two business days but does not exceed 10 business days.

OAR 952-001-0090(2) Delay of Excavation Until Response from Facility Operators; Duty of Excavator to Use Reasonable Care; Damage to Facilities

(2) Notwithstanding section (1), if the excavator has agreed to an alternative markings schedule with an operator consistent with OAR 952-001-0070(2), the excavator must allow the operator to mark its facilities consistent with the parties' agreement before beginning an excavation.

Design Locate; Large Project Language Adoption

Current Definition of "Large Area"

OAR 952-001-0010 Definitions

(10) "Large area means a proposed excavation requiring more work or time to locate utility facilities than can reasonably be completed within the parameters of section
(1) of 952-001-0050.

Adopted Design Locate Language

OAR 952-001-0080 Operators to Respond to Notifications Requesting Design Information

(2) If a designer intends to perform work at multiple sites or over a large area, the designer must take reasonable steps to work with the facility operators, including pre-construction meetings, so that the operators may locate their facilities at a time reasonably in advance of the actual start of survey or design for each phase of work.



APWA Color Code Changes

Current Standards Manual

Color Code

Underground facilities shall be marked in accordance with the following designated color code (As per OAR 952-001-0070 (7)

Color	To Indicate
RED	Electric power lines, cables or conduit, and lighting cables
YELLOW	Gas, oil, steam, petroleum, or other hazardous liquid or gaseous materials
ORANGE	Communications, cable TV, alarm or signal lines, cables or conduits
BLUE	Water and irrigation lines
GREEN	Sewers, drainage facilities or other drain lines
WHITE	Pre-marking of the outer limits of the proposed excavation or marking the centerline and width of proposed lineal installations of buried facilities
PINK	Temporary Survey Markings
PURPLE	Slurry and reclaimed

FINES MAY BE IMPOSED FOR MISUSE OF COLORS

Adopted by the American Public Works Association.

Updated 2019

Color Code

Underground facilities shall be marked in accordance with the following designated color code (As per OAR 952-001-0070 (8)

Color	To Indicate				
RED	Electric power lines, cables or conduit, and lighting cables				
YELLOW	Gas, oil, steam, petroleum, or gaseous materials				
ORANGE	Communication, alarm or signal lines, cables or conduits, and fiber				
BLUE	Potable water				
GREEN	Sewers, drainage facilities or other drain lines				
WHITE	Pre-marking of the outer limits of the proposed excavation or marking the centerline and width of propose lineal installations of buried facilities				
PINK	Temporary survey markings				
PURPLE	Slurry, irrigation and reclaimed water				

FINES MAY BE IMPOSED FOR MISUSE OF COLORS

Adopted by the American Public Works Association.

Where We Are in the Process!

- October: Public Noticed Period
- November: Finalize New Standards Manual
- December: Print and Distribute Standards Manuals
- January 1st: Revised Rules Filed and Effective

811 or 1-800-332-2344

OUCC.net DigSafelyOregon.com CallBeforeYouDig.org facebook.com/digsafelyoregon



Attachment 2

В	D	F		В	D	F		
Total Inbound Tickets by Council	Total Damages by Council	Total % by Council	Damages per 1000	Total Inbound Tickets by Zone	Total Damages by Zone	Total % by Zone	Damages per 1000	
4,617	11	0.24	2.38					
82,492	262	0.32	3.18	106,674	330	0.31	3.09	
15,273	48	0.31	3.14					
4,292	9		2.10					
2,202	5		2.27					
3,223 4,737	<u>13</u> 5		4.03 1.06	 20,854	43	0.21	2.06	<u> </u>
10,692	20	0.11	1.87					
4,290	24	0.56	5.59		-			
2,423	2	0.08	0.83					
11,125	43	0.39	3.87	20,970	79	0.38	3.77	
3,132	10	0.32	3.19					
1,074	5	0.47	4.66					
1,095	2	0.18	1.83	16,605	33	0.20	1.99	
14,436	26	0.18	1.80					
3,422	9	0.26	2.63					
1,200	9	0.75	7.50	6,876	20	0.29	2.91	
1,171	0	0.00	0.00					
1,083	2	0.18	1.85					

Sorted by Zone, Council, then by County During of the set o	2017 Damage Totals		Α	С	E	
1 1-N Coast Clatsop 1,444 7 0.48 4.8 1 1-N Coast Columbia 2,016 4 0.20 1.9 1 1-N Coast Tillamook 1,157 0 0.00 0.0 1 2-Metro Clackamas 20,556 67 0.33 3.2 1 2-Metro Washintgon 24,941 69 0.28 2.7 1 3-Mid-Willamette Polk 3,069 14 0.46 4.5 1 3-Mid-Willamette Polk 3,069 14 0.46 4.5 1 4-Yamhill 4,292 9 0.21 2.1 2 5-Lincoln Co. Lincoln 2,202 5 0.23 2.2 2 6-Linn-Benton Benton 3,223 13 0.40 4.0 2 7-East Linn Linn 4,737 5 0.11 1.0 2 8-Lane Lane 10,692 20			Inbound Tickets	Damages	% by County	Damages per 1000
1 1-N Coast Clatsop 1,444 7 0.48 4.8 1 1-N Coast Columbia 2,016 4 0.20 1.9 1 1-N Coast Tillamook 1,157 0 0.00 0.0 1 1-N Coast Clackamas 20,556 67 0.33 3.2 1 2-Metro Mainon 24,941 69 0.28 2.7 1 3-Mid-Willamette Marion 12,204 34 0.28 2.7 1 3-Mid-Willamette Poik 3,069 14 0.46 4.5 1 4-Yamhili 4,292 9 0.21 2.1 2 5-Lincoln Co. Lincoln 2,202 5 0.23 2.2 2 6-Linn-Benton Benton 3,223 13 0.40 4.0 2 7-East Linn Lin 10,692 20 0.19 1.8 3 10-S Coast Coos 1,800 2 <td>ne Council</td> <td>Counties</td> <td></td> <td></td> <td></td> <td></td>	ne Council	Counties				
1 1-N Coast Columbia 2,016 4 0,20 1,9 1 1-N Coast Tillamook 1,157 0 0,00 0,0 1 2-Metro Clackamas 20,556 67 0,33 3.2 1 2-Metro Multmonah 36,995 126 0.34 3.4 1 2-Metro Washintgon 24,941 69 0.28 2.7 3-Mid-Willamette Polk 3,069 14 0.46 4.5 4-Yamhil Yamhill 4,292 9 0.21 2.1 5-Lincoln Co. Lincoln 2,223 13 0.40 4.0 2 7-East Linn Linn 4,737 5 0.11 1.0 2 8-Lane Lane 10,692 20 0.19 1.8 3 9-Douglas 4,280 24 0.56 5.5 3 10-S Coast Coos 1,800 2 0.11 1.1		Clatsop	1,444	7	0.48	4.85
1 1-N Coast Tillamook 1,157 0 0.00 0.0 1 2-Metro Clackamas 20,556 67 0.33 3.2 1 2-Metro Multimonah 36,995 126 0.34 3.4 1 2-Metro Washintgon 24,941 69 0.28 2.7 1 3-Mid-Willamette Marion 12,204 34 0.28 2.7 1 3-Mid-Willamette Poik 3,069 14 0.46 4.5 2 5-Lincoln Co. Lincoln 2,202 5 0.23 2.2 2 6-Linn-Benton Benton 3,223 13 0.40 4.0 2 7-East Linn Linn 4,737 5 0.11 1.0 3 9-Douglas Douglas 4,290 24 0.56 5.5 3 10-S Coast Cory 623 0 0.00 0.0 3 11-Rogue Basin Jackson	1 1-N Coast	Columbia		4	0.20	1.98
1 2-Metro Multmonah 36,995 126 0.34 3.4 1 2-Metro Washintgon 24,941 69 0.28 2.7 1 3-Mid-Willamette Poik 3,069 14 0.46 4.5 1 3-Mid-Willamette Poik 3,069 14 0.46 4.5 1 4-Yamhili Yamhili 4,292 9 0.21 2.1 1 4-Yamhili Yamhili 4,292 9 0.21 2.1 2 5-Lincoln Co. Lincoln 2,202 5 0.23 2.2 2 6-Linn-Benton Benton 3,273 5 0.11 1.0 2 8-Lane Lane 10,692 20 0.19 1.8 3 9-Douglas 4,290 24 0.56 5.5 3 10-S Coast Coos 1,800 2 0.11 1.1 10-S Coast Curry 623 0.00 0.0 0.0 3 11-Rogue Basin JackIson 8,128 33		Tillamook		0	0.00	0.00
1 2-Metro Multmonah 36,995 126 0.34 3.4 1 2-Metro Washintgon 24,941 69 0.28 2.7 1 3-Mid-Willamette Poik 3,069 14 0.46 4.5 1 3-Mid-Willamette Poik 3,069 14 0.46 4.5 1 4-Yamhili Yamhili 4,292 9 0.21 2.1 2 5-Lincoln Co, Lincoln 2,202 5 0.23 2.2 2 6-Linn-Benton Benton 3,233 13 0.40 4.0 2 8-Lane Lane 10,692 20 0.19 1.8 3 9-Douglas 4,290 24 0.56 5.5 3 10-S Coast Coos 1,800 2 0.11 1.1 14 -Rogue Basin Jackson 8,128 33 0.41 4.0 3 12-Klamath Lake 318 0 0.00 0.0 3 12-Klamath Lake 318 0 <td>2-Metro</td> <td>Clackamas</td> <td>20,556</td> <td>67</td> <td></td> <td>3.26</td>	2-Metro	Clackamas	20,556	67		3.26
3-Mid-Willamette Marion 12,204 34 0.28 2.7 1 3-Mid-Willamette Polk 3,069 14 0.46 4.5 1 4-Yamhill Yamhill 4,292 9 0.21 2.1 2 5-Lincoln Co. Lincoln 2,202 5 0.23 2.2 2 6-Linn-Benton Benton 3,223 13 0.40 4.0 2 6-Linn-Benton Linn 4,737 5 0.11 1.0 2 6-Linn-Benton Lane 10,692 20 0.19 1.8 3 9-Douglas 4,290 24 0.56 5.5 3 10-S Coast Corry 623 0 0.00 0.00 3 11-Rogue Basin Jackson 8,128 33 0.41 4.0 3 12-Klamath Lake 318 0 0.00 0.00 4 13-Hood River Hood River 1,074 5	2-Metro	Multmonah		126		3.41
1 3-Mid-Willamette Polk 3,069 14 0.46 4.55 1 4-Yamhill Yamhill 4,292 9 0.21 2.1 2 5-Lincoln Co. Lincoln 2,202 5 0.23 2.2 2 6-Linn-Benton Benton 3,223 13 0.40 4.0 2 6-Linn-Benton Benton 3,223 13 0.40 4.0 2 6-Linn-Benton Linn 4,737 5 0.11 1.0 2 8-Lane Lane 10,692 20 0.19 1.8 3 9-Douglas Douglas 4,290 24 0.56 5.5.5 3 10-S Coast Curry 623 0 0.00 0.0 3 11-Rogue Basin Jackson 8,128 33 0.41 4.0 3 12-Klamath Lake 318 0 0.00 0.0 3 12-Klamath Lake 318			24,941	69		2.77
1 4-Yamhili 4,292 9 0.21 2.1 2 5-Lincoln Co. Lincoln 2,202 5 0.23 2.22 2 6-Linn-Benton Benton 3,223 13 0.40 4.0 2 7-East Linn Linn 4,737 5 0.11 1.0 2 8-Lane Lane 10,692 20 0.19 1.8 3 9-Douglas 4,290 24 0.56 5.5 3 10-S Coast Coos 1,800 2 0.11 1.1 3 10-S Coast Curry 623 0 0.00 0.0 3 11-Rogue Basin Jackson 8,128 33 0.41 4.0 3 12-Klamath Klamath 2,814 10 0.36 3.5 3 12-Klamath Lake 318 0 0.00 0.0 4 14-Wasco Co. Sherman 106 0 0.33 3.3						2.79
2 5-Lincoln Co. Lincoln 2,202 5 0.23 2.22 6-Linn-Benton Benton 3,223 13 0.40 4.0 2 7-East Linn Linn 4,737 5 0.11 1.0 2 8-Lane Lane 10,692 20 0.19 1.8 3 9-Douglas Douglas 4,290 24 0.56 5.5 3 10-S Coast Coos 1,800 2 0.11 1.1 3 10-S Coast Curry 623 0 0.00 0.00 3 11-Rogue Basin Jackson 8,128 33 0.41 4.0 3 12-Klamath Klamath 2,814 10 0.36 3.5 3 12-Klamath Lake 318 0 0.00 0.00 4 14-Wasco Co. Sherman 106 0 0.00 0.00 4 14-Wasco Co. Wasco 989 2 <	3-Mid-Willamette	Polk	3,069	14	0.46	4.56
2 6-Linn-Benton Benton 3,223 13 0.40 4.00 2 7-East Linn Linn 4,737 5 0.11 1.0 2 7-East Linn Linn 4,737 5 0.11 1.0 2 8-Lane Lane 10,692 20 0.19 1.8 3 9-Douglas Douglas 4,290 24 0.56 5.5 3 10-S Coast Corry 623 0 0.00 0.00 3 11-Rogue Basin Jackson 8,128 33 0.41 4.0 3 12-Klamath Klamath 2,897 10 0.33 3.3 3 3 3 3 12-Klamath 0.00	4-Yamhill	Yamhill	4,292	9	0.21	2.10
2 6-Linn-Benton Benton 3,223 13 0.40 4.00 2 7-East Linn Linn 4,737 5 0.11 1.0 2 7-East Linn Linn 4,737 5 0.11 1.0 2 8-Lane Lane 10,692 20 0.19 1.8 3 9-Douglas Douglas 4,290 24 0.56 5.5 3 10-S Coast Corry 623 0 0.00 0.00 3 11-Rogue Basin Jackson 8,128 33 0.41 4.0 3 12-Klamath Klamath 2,897 10 0.33 3.3 3 3 3 3 12-Klamath 2,844 10 0.36 3.5 3 5 0.47 4.6 4 4 4 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	5-Lincoln Co.	Lincoln	2,202	5	0.23	2.27
2 7-East Linn Linn 4,737 5 0.11 1.0 2 8-Lane Lane 10,692 20 0.19 1.8 3 9-Douglas Douglas 4,290 24 0.56 5.5 3 10-S Coast Coos 1,800 2 0.11 1.1.1 3 10-S Coast Curry 623 0 0.00 0.00 3 11-Rogue Basin Jackson 8,128 33 0.41 4.0 3 12-Klamath Lake 318 0 0.00 0.00 4 13-Hood River 1,074 5 <td></td> <td></td> <td></td> <td>13</td> <td>0.40</td> <td>4.03</td>				13	0.40	4.03
2 8-Lane Lane 10,692 20 0.19 1.8 3 9-Douglas Douglas 4,290 24 0.56 5.5 3 10-S Coast Coos 1,800 2 0.11 1.1 3 10-S Coast Curry 623 0 0.00 0.00 3 11-Rogue Basin Jackson 8,128 33 0.41 4.0 3 11-Rogue Basin Josephine 2,997 10 0.33 3.3 3 12-Klamath Klamath 2,814 10 0.36 3.5 3 12-Klamath Lake 318 0 0.00 0.0 4 13-Hood River Hood River 1,074 5 0.47 4.6 4 14-Wasco Co. Sherman 106 0 0.00 0.0 4 15-Central OR Crook 1,203 4 0.33 3.3 4 15-Central OR Deschutes 12,316						1.06
3 9-Douglas 4,290 24 0.56 5.5 3 10-S Coast Coos 1,800 2 0.11 1.1.1 3 10-S Coast Curry 623 0 0.00 0.00 3 11-Rogue Basin Jackson 8,128 33 0.41 4.0 3 11-Rogue Basin Josephine 2,997 10 0.33 3.3 3 12-Klamath Klamath 2,814 10 0.36 3.5 3 12-Klamath Lake 318 0 0.00 0.0 4 13-Hood River 1,074 5 0.47 4.6 4 14-Wasco Co. Sherman 106 0 0.00 0.00 4 14-Wasco Co. Wasco 989 2 0.20 2.0 4 15-Central OR Crook 1,203 4 0.33 3.3 4 15-Central OR Jefferson 917 1 0.11						1.87
3 10-S Coast Coos 1,800 2 0.11 1.1.1 3 10-S Coast Curry 623 0 0.00 0.00 3 11-Rogue Basin Jackson 8,128 33 0.41 4.0 3 11-Rogue Basin Josephine 2,997 10 0.33 3.3 3 12-Klamath Klamath 2,814 10 0.36 3.5 3 12-Klamath Lake 318 0 0.00 0.0 4 13-Hood River Hood River 1,074 5 0.47 4.6 4 14-Wasco Co. Sherman 106 0 0.00 0.0 4 14-Wasco Co. Wasco 989 2 0.20 2.0 4 15-Central OR Crook 1,203 4 0.33 3.3 4 15-Central OR Jefferson 917 1 0.11 1.0 5 16-Umatilla, Morrow Gilliam Co Morrow </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>5.59</td>						5.59
3 10-S Coast Curry 623 0 0.00 0.00 3 11-Rogue Basin Jackson 8,128 33 0.41 4.0 3 11-Rogue Basin Josephine 2,997 10 0.33 3.3 3 12-Klamath Klamath 2,814 10 0.36 3.5 3 12-Klamath Lake 318 0 0.00 0.0 4 13-Hood River Hood River 1,074 5 0.47 4.6 4 14-Wasco Co. Sherman 106 0 0.00 0.00 4 14-Wasco Co. Wasco 989 2 0.20 2.0 4 15-Central OR Crook 1,203 4 0.33 3.3 4 15-Central OR Deschutes 12,316 21 0.17 1.7 5 16-Umatilla, Morrow Gilliam Co Gilliam 211 0 0.00 0.00 5 16-Umatilla, Morrow Gilliam Co<						1.11
3 11-Rogue Basin Jackson 8,128 33 0.41 4.0 3 11-Rogue Basin Josephine 2,997 10 0.33 3.3 3 12-Klamath Klamath 2,814 10 0.36 3.5 3 12-Klamath Lake 318 0 0.00 0.0 4 13-Hood River Hood River 1,074 5 0.47 4.6 4 14-Wasco Co. Sherman 106 0 0.00 0.0 4 14-Wasco Co. Wasco 989 2 0.20 2.0 4 15-Central OR Crook 1,203 4 0.33 3.3 4 15-Central OR Deschutes 12,316 21 0.17 1.7 4 15-Central OR Jefferson 917 1 0.11 1.0 5 16-Umatilla, Morrow Gilliam Co Gilliam 211 0 0.00 0.0 5 16-Umatilla, Morrow Gilliam						0.00
3 11-Rogue Basin Josephine 2,997 10 0.33 3.3 3 12-Klamath Klamath 2,814 10 0.36 3.5 3 12-Klamath Lake 318 0 0.00 0.00 4 13-Hood River Hood River 1,074 5 0.47 4.6 4 14-Wasco Co. Sherman 106 0 0.00 0.00 4 14-Wasco Co. Wasco 989 2 0.20 2.0 4 15-Central OR Crook 1,203 4 0.33 3.3 4 15-Central OR Deschutes 12,316 21 0.17 1.7 4 15-Central OR Jefferson 917 1 0.11 1.0 5 16-Umatilla, Morrow Gilliam Co Gilliam 211 0 0.00 0.00 5 16-Umatilla, Morrow Gilliam Co Umatilla 2,579 8 0.31 3.1 5 16-Umati						4.06
3 12-Klamath Klamath 2,814 10 0.36 3.5 3 12-Klamath Lake 318 0 0.00 0.0 4 13-Hood River Hood River 1,074 5 0.47 4.6 4 14-Wasco Co. Sherman 106 0 0.00 0.0 4 14-Wasco Co. Wasco 989 2 0.20 2.0 4 14-Wasco Co. Wasco 989 2 0.20 2.0 4 15-Central OR Crook 1,203 4 0.33 3.33 4 15-Central OR Deschutes 12,316 21 0.17 1.7 4 15-Central OR Jefferson 917 1 0.11 1.0 5 16-Umatilla, Morrow Gilliam Co Gilliam 2,579 8 0.31 3.1 5 16-Umatilla, Morrow Gilliam Co Umatilla 2,579 8 0.31 3.1 5 16-Umatilla, Morr						3.34
3 12-Klamath Lake 318 0 0.00 0.00 4 13-Hood River Hood River 1,074 5 0.47 4.6 4 14-Wasco Co. Sherman 106 0 0.00 0.00 4 14-Wasco Co. Wasco 989 2 0.20 2.0 4 15-Central OR Crook 1,203 4 0.33 3.3 4 15-Central OR Deschutes 12,316 21 0.17 1.7 4 15-Central OR Jefferson 917 1 0.11 1.0 5 16-Umatilla, Morrow Gilliam Co Gilliam 211 0 0.00 0.00 5 16-Umatilla, Morrow Gilliam Co Morrow 540 1 0.19 1.8 5 16-Umatilla, Morrow Gilliam Co Umatilla 2,579 8 0.31 3.1 5 16-Umatilla, Morrow Gilliam Co Wheeler 92 0 0.00 0.00						3.55
4 13-Hood River 1,074 5 0.47 4.6 4 14-Wasco Co. Sherman 106 0 0.00 0.0 4 14-Wasco Co. Wasco 989 2 0.20 2.0 4 15-Central OR Crook 1,203 4 0.33 3.3 4 15-Central OR Deschutes 12,316 21 0.17 1.7 4 15-Central OR Jefferson 917 1 0.11 1.0 5 16-Umatilla, Morrow Gilliam Co Gilliam 211 0 0.00 0.0 5 16-Umatilla, Morrow Gilliam Co Morrow 540 1 0.19 1.8 5 16-Umatilla, Morrow Gilliam Co Umatilla 2,579 8 0.31 3.1 5 16-Umatilla, Morrow Gilliam Co Wheeler 92 0 0.00 0.0 5 17-La Grande / Union Union 1,026 9 0.88 8.7 5						0.00
4 14-Wasco Co. Sherman 106 0 0.00 0.00 4 14-Wasco Co. Wasco 989 2 0.20 2.0 4 15-Central OR Crook 1,203 4 0.33 3.3 4 15-Central OR Deschutes 12,316 21 0.17 1.7 4 15-Central OR Jefferson 917 1 0.11 1.0 5 16-Umatilla, Morrow Gilliam Co Gilliam 211 0 0.00 0.0 5 16-Umatilla, Morrow Gilliam Co Morrow 540 1 0.19 1.8 5 16-Umatilla, Morrow Gilliam Co Umatilla 2,579 8 0.31 3.1 5 16-Umatilla, Morrow Gilliam Co Umatilla 2,579 8 0.31 3.1 5 16-Umatilla, Morrow Gilliam Co Wheeler 92 0 0.00 0.00 5 17-La Grande / Union Union 1,026 9 0.88 8.7 <						4.66
4 14-Wasco Co. Wasco 989 2 0.20 2.0 4 15-Central OR Crook 1,203 4 0.33 3.3 4 15-Central OR Deschutes 12,316 21 0.17 1.7 4 15-Central OR Jefferson 917 1 0.11 1.0 5 16-Umatilla, Morrow Gilliam Co Gilliam 211 0 0.00 0.0 5 16-Umatilla, Morrow Gilliam Co Morrow 540 1 0.19 1.8 5 16-Umatilla, Morrow Gilliam Co Umatilla 2,579 8 0.31 3.1 5 16-Umatilla, Morrow Gilliam Co Umatilla 2,579 8 0.31 3.1 5 16-Umatilla, Morrow Gilliam Co Wheeler 92 0 0.00 0.00 5 17-La Grande / Union Union 1,026 9 0.88 8.7 5 17-La Grande / Union Wallowa 174 0 0.00 0.0 5 18-Baker Baker 858 0 0.00						0.00
4 15-Central OR Crook 1,203 4 0.33 3.3 4 15-Central OR Deschutes 12,316 21 0.17 1.7 4 15-Central OR Jefferson 917 1 0.11 1.0 5 16-Umatilla, Morrow Gilliam Co Gilliam 211 0 0.00 0.00 5 16-Umatilla, Morrow Gilliam Co Morrow 540 1 0.19 1.8 5 16-Umatilla, Morrow Gilliam Co Umatilla 2,579 8 0.31 3.1 5 16-Umatilla, Morrow Gilliam Co Umatilla 2,579 8 0.31 3.1 5 16-Umatilla, Morrow Gilliam Co Wheeler 92 0 0.00 0.0 5 17-La Grande / Union Union 1,026 9 0.88 8.7 5 17-La Grande / Union Wallowa 174 0 0.00 0.0 5 18-Baker Baker 858 0 0.00 0.0						2.02
4 15-Central OR Deschutes 12,316 21 0.17 1.7 4 15-Central OR Jefferson 917 1 0.11 1.0 5 16-Umatilla, Morrow Gilliam Co Gilliam 211 0 0.00 0.0 5 16-Umatilla, Morrow Gilliam Co Morrow 540 1 0.19 1.8 5 16-Umatilla, Morrow Gilliam Co Umatilla 2,579 8 0.31 3.1 5 16-Umatilla, Morrow Gilliam Co Umatilla 2,579 8 0.31 3.1 5 16-Umatilla, Morrow Gilliam Co Umatilla 2,579 8 0.31 3.1 5 16-Umatilla, Morrow Gilliam Co Wheeler 92 0 0.00 0.00 5 17-La Grande / Union Union 1,026 9 0.88 8.7 5 17-La Grande / Union Wallowa 174 0 0.00 0.0 5 18-Baker Baker 858 0 0.00						3.33
4 15-Central OR Jefferson 917 1 0.11 1.0 5 16-Umatilla, Morrow Gilliam Co Gilliam 211 0 0.00 0.00 5 16-Umatilla, Morrow Gilliam Co Morrow 540 1 0.19 1.8 5 16-Umatilla, Morrow Gilliam Co Umatilla 2,579 8 0.31 3.1 5 16-Umatilla, Morrow Gilliam Co Umatilla 2,579 8 0.31 3.1 5 16-Umatilla, Morrow Gilliam Co Wheeler 92 0 0.00 0.00 5 17-La Grande / Union Union 1,026 9 0.88 8.7 5 17-La Grande / Union Wallowa 174 0 0.00 0.00 5 18-Baker Baker 858 0 0.00 0.00 5 18-Baker Grant 313 0 0.00 0.00 5 19-Malheur Harney 195 0 0.00 0.00 <td></td> <td></td> <td></td> <td></td> <td></td> <td>1.71</td>						1.71
5 16-Umatilla, Morrow Gilliam Co Gilliam 211 0 0.00 <th< td=""><td></td><td></td><td>_</td><td></td><td></td><td>1.09</td></th<>			_			1.09
5 16-Umatilla, Morrow Gilliam Co Morrow 540 1 0.19 1.8 5 16-Umatilla, Morrow Gilliam Co Umatilla 2,579 8 0.31 3.1 5 16-Umatilla, Morrow Gilliam Co Umatilla 2,579 8 0.31 3.1 5 16-Umatilla, Morrow Gilliam Co Wheeler 92 0 0.00 0.00 5 17-La Grande / Union Union 1,026 9 0.88 8.77 5 17-La Grande / Union Wallowa 174 0 0.00 0.0 5 18-Baker Baker 858 0 0.00 0.0 5 18-Baker Grant 313 0 0.00 0.0 5 19-Malheur Harney 195 0 0.00 0.0						0.00
5 16-Umatilla, Morrow Gilliam Co Umatilla 2,579 8 0.31 3.1 3.1 5 16-Umatilla, Morrow Gilliam Co Wheeler 92 0 0.00 <th< td=""><td>-</td><td></td><td></td><td></td><td></td><td>1.85</td></th<>	-					1.85
5 16-Umatilla, Morrow Gilliam Co Wheeler 92 0 0.00	-					3.10
5 17-La Grande / Union Union 1,026 9 0.88 8.7 5 17-La Grande / Union Wallowa 174 0 0.00 0.0 5 18-Baker Baker 858 0 0.00 0.0 5 18-Baker Grant 313 0 0.00 0.0 5 19-Malheur Harney 195 0 0.00 0.0			_			0.00
5 17-La Grande / Union Wallowa 174 0 0.00 0.0 5 18-Baker Baker 858 0 0.00 0.0 5 18-Baker Grant 313 0 0.00 0.0 5 19-Malheur Harney 195 0 0.00 0.0	_					8.77
5 18-Baker Baker 858 0 0.00 0			_			0.00
5 18-Baker Grant 313 0 0.00 0						0.00
5 19-Malheur Harney 195 0 0.00 0.0						0.00
						0.00
						2.25
	10-Mainour	Mainou				