## In rural Oregon, trouble getting medication

**By MARKIAN HAWRYLUK** Bend Bulletin

BEND — Murray's Drug is a throwback to a simpler time.

Opened in 1959 long before national drugstore chains and mailorder pharmacies dominated the prescription world, the family-owned business is still the only place in town the 1,200 residents of Heppner can fill a prescription. In fact, between their Heppner and Condon stores, pharmacists John and Ann Murray, and their daughter, Laurie Murray-Wood, run the only brick-and-mortar pharmacies in all of Morrow, Gilliam, Sherman and Wheeler counties.

"It's hard to keep these pharmacies open six or seven days a week," he said. When we were raising our kids and Ann and I were the only pharmacists, we had two stores to cover, so five days kind of became the norm.'

As a result, Heppner is one of many towns across Oregon with limited access to prescription drugs. A recent analysis from Oregon State University suggests that the lack of pharmacy services may be boosting the rates of hospital readmissions among seniors, at great cost to both patients and the health care system.

The study tallied the cumulative number of hours pharmacies were open in each primary care service area across Oregon, then compared those to readmission rates at local hospitals. In urban areas, with plentiful access to pharmacies, hospital readmission rates among patients over the age of 65 were lower, at about 14.7 percent of discharges. In rural areas, where pharmacies were open fewer hours per day, hospital readmission rates were a half percentage point higher at 15.3 percent.

"That's pretty significant consid-ering the number of patients that are admitted into hospitals in Oregon each year and when you translate that to the amount of money that's being saved in reducing readmissions," said Sarah Bissonnette, an OSU post-doctoral fellow and lead author of the study.

Rural hospitals do what they can to help patients but are often limited in how much medication they can provide at discharge. Pioneer Memorial Hospital in Heppner has a drug room that supplies medications for inpatient or emergency room patients, said Pioneer CEO Bob Houser. "They can get most of their pharmacy fills here if they are sent home on a weekend when Murray's Drug is closed," he said.

'The drug room in the hospital is not a retail pharmacy, but we are allowed to send home up to a three-day supply of drugs with the patient to use until the pharmacy is open."

But if patients need medications not stocked by the hospital, they may need to drive an hour to Hermiston to get the prescription filled.

The Murrays have taken multiple steps to limit the impact on their community residents. They publish an emergency number that local residents can call if they cannot wait until morning or through the weekend to fill a script.

"I fear that it does affect admis-sions," he said. "We try to provide services and get it to them when they need it. But say that

person is timid, or feels it's an imposition, even though endangering it's their health. The wait to get medicine or going without medicine is always a bad thing."

Patients treated for pneumonia might be started on antibiotics and then sent home with a prescription

for more. But if they can't get to a pharmacy to fill that prescription for a day or two, that infection could return. Or heart failure patients who can't fill a prescription for a diuretic could see fluid build up in their lungs and have difficulty breathing.

The researchers found that some rural areas had only a single pharmacy, open 54 hours per week.

"There's only two 24-hour pharmacies in the state of Oregon, and both are in the Portland area," said David Lee, an OSU assistant professor of pharmacy and senior author of the study. "So if you need medication at kind of an odd hour, the only place you can do it is Portland."

Because pharmacy access was lower in rural areas, the analysis could not tease out the different impact of pharmacy hours versus other limitations of rural areas — such as the lack of doctors or support services - that could also play a role in higher readmission rates.

"There's been research showing that rural communities have less access to physicians and other health care entities," Bissonnette said. "We think it's important to consider pharmacies as well.'

But hospitals now have a vested interest in ensuring patients can get their medications after discharge. Since 2010, Medicare has levied increasing financial penalties on hospitals if too many patients need to be readmitted within 30 days. Some hospitals across the country are now opening dispensaries to ensure their patients aren't going without.

Bissonnette said while some states have regulations that prevent hospitals from sending patients home with more than a day's supply of medications, it's

largely a resource issue. "Hospital pharmacies aren't set up to do the outpatient billing of insurance, so that's a huge barrier," she said. "It might mean an extra pharmacist when you only have one, so that's a significant amount of staff increase and money."

Michael Powell, pharmacy director at St. Charles Bend said he believed that lack of pharmacy access did contribute to readmission rates, although the hospital had not

vet quantified the "It's hard to keep impact. The hospital is running a pilot these pharmacies program on one nursing unit, having pharmacists deliver prescriptions and days a week." counsel patients at their bedside prior to discharge. That

Runs only pharmacies in Wheeler counties

> they can be referred to the hospital's assistance programs.

also helps to iden-

tify when patients

are unable to afford

their medications so

"I do believe that we will have significant positive impact on readmission rates through these programs," Powell said. "But we do not have data to show this yet."

The OSU researchers also found that pharmacies and hospitals tended to be located close together. So patients who lived farther from a hospital had more difficulty filling their prescriptions.

Some Murray's Drug customers must travel three hours round trip to pick up their medications. If someone forgets or has trouble making the trip, the Murrays are often there to close the gap. Two months ago, a patient in Fossil had run out of medications, so the Murrays sent an employee from their Condon store on a two-hour delivery trip.

"That's the kind of stuff we do in rural areas," he said. "It doesn't pay not to help people."

Lee said mail-order services could help improve medication access for patients in rural areas, but recommended that hospitals follow up with a phone call to ensure that patients know how to take their medication and what their potential side effects could be.

The Murrays, however, counter that mail-order pharmacies are hurting access. As more insurance companies require patients to use mail-order pharmacies, they're putting independent drug stores out of business. And that might leave a discharged patient nowhere to fill prescriptions on a same-day basis. The Murrays and other independent pharmacists in Oregon are pushing for legislation that would prevent pharmacy benefit managers from excluding community pharmacies.

#### BRIEFLY

#### Volunteer accused of killing dog during food delivery

GRESHAM (AP) -Police in Gresham, Oregon, arrested a Meals on Wheels volunteer accused of killing a Chihuahua that belonged to a disabled woman for whom he delivered food.

The department said Thursday the incident happened Aug. 8. June Rigsby told police she was in bed when the volunteer arrived with a meal, a task he had been doing every Monday for months.

Rigsby says her three dogs jumped off the bed to greet him. She later heard a thud and only two dogs returned. After the volunteer left, Rigsby found the Chihuahua named "Baby' dead on the kitchen floor.

Police say the volunteer, 68-year-old Donald Nicoli, remembered kicking the dog, but couldn't recall much else about what happened. He's been charged with aggravated animal abuse.

An examination at Oregon State University found the dog died from blunt force trauma and skull fractures.

#### **Coast Guard helps** sailors in high seas off Coast

SEATTLE (AP) - U.S. and Canadian Coast Guard crews were working to make sure five people on a sailboat that was taking in water off the Washington Coast made it safely to Tillamook.

Coast Guard officials say they received a report Wednesday that a 43-foot sailing vessel was taking on water 218 miles west of La Push in 20-foot seas and 30-mph winds.

An electrical pump onboard couldn't handle the flooding and people were using buckets to bail water. Two Coast Guard

aircrews flew from

Warrenton with the pump while another aircrew from Sacramento, California provided cover. Upon arrival, the sailors declined to be hoisted off the boat but the new pump worked to control the flooding.

An aircrew from Prince Rupert, British Columbia is providing aerial surveillance over the vessel and Coast Guard personnel are maintaining communication with the sailboat crew as they travel.

#### **Purchase offers** complicate **Portland shelter**

PORTLAND (AP) -Seven companies have offered millions of dollars to buy a Portland property that had been slated to become a large homeless shelter.

The development companies offered between \$6 million and \$10 million for the warehouse, possibly complicating the City Council's plans to convert it into a shelter for up to 400 people, reported *The* Oregonian/Oregon Live.

Portland's sewer bureau had been taking offers for the 14-acre property. But last week, the City Council voted that the bureau should lease the space to the housing division for at least \$10,000 a month.

The purchase offers, revealed Wednesday in response to a public records request, complicate an ongoing disagreement about the value of the property.

City officials don't know how much the shelter will cost or who will pay for it, but developer Homer Williams has promised to come up with private money to operate a mass homeless shelter. He didn't submit an offer to buy the waterfront property.

According to Multnomah County property records, the sewer bureau bought the property for about \$6.33 million in 2004 and it has a current market value of \$8.6 million.

### Corrections

The East Oregonian works hard to be accurate and sincerely regrets any errors. If you notice a mistake in the paper, please call 541-966-0818.



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open six or seven – John Murray, Morrow, Gilliam, Sherman and

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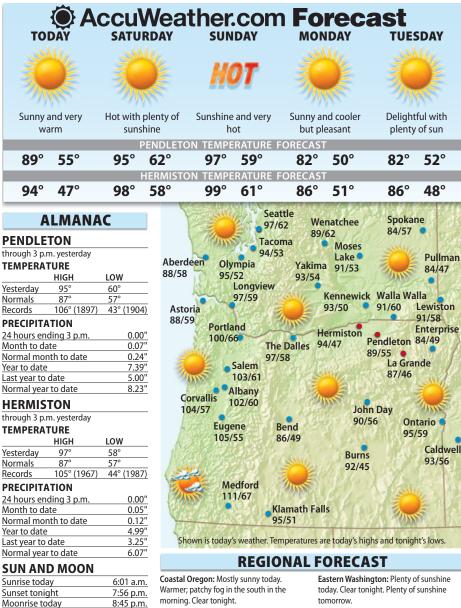
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Eastern and Central Oregon: Plenty of sunshine today; very warm across the north. Clear tonight

7:29 a.m.

Full

Sep 16

First

Sep 9

Moonset today

New

Sep 1

Last

Aug 24

Western Washington: Blazing sunshing today. Clear tonight. Plenty of sunshine tomorrow.

Cascades: Plenty of sunshine today: very

tomorrow. Northern California: Clouds, then sun at the coast today; hot in central parts. Sunny elsewhere.

warm. Clear tonight. Plenty of sunshine

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irns	92	45	S	93	48	S				
terprise	84	49	S	88	52	S				
gene	105	55	S	101	52	S				
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Grande	87	46	S	92	49	S				
eacham	84	43	S	89	45	S				
edford	111	67	S	108	66	S				
ewport	79	52	S	63	50	S				
orth Bend	75	53	S	66	53	рс				
ntario	95	59	S	93	55	S				
sco	93	50	S	95	54	S				
ndleton	89	55	S	95	62	S				
rtland	100	66	S	100	62	S				
dmond	90	45	S	95	50	S				
lem	103	61	S	101	56	S				
okane	84	57	S	90	61	S				
tiah	82	43	S	90	49	S				
ncouver	98	66	S	98	60	S				
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ong Kong	87	79	t	89	80	t				
rusalem	86	70	s	88	70	s				
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oscow	79	63	pc	74	59	sh				

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			El Paso P6/72 Chihuáhua 13/60 M	Ionterrey 1/70	touston 39/76	Atl. 88/	<b>anta</b>		Miami 91/75		
-	Os Os	10s	20s 30s	40s	50s	60s	70s	80s	90s	100s	110s

NATIONAL WEATHER TODAY

Ð C flurries showers t-storms ice cold front warm front stationary front rain snow high National Summary: Storms will dot much of the Southeastern states today. Severe storms

will extend from Oklahoma and Colorado to Wisconsin. As cool air invades the northern Plains, heat will hold on in the Northwest.

Yesterday's National Extremes: (for the 48 contiguous states) High 109° in Needles, Calif. Low 32° in Angel Fire, N.M.

#### NATIONAL CITIES

NATIONAL CITIES													
	Т	oday	у		Sat.			Т	oda	у	Sat.		
	Hi	Lo	W	Hi	Lo	W		Hi	Lo	W	Hi	Lo	W
Albuquerque	87	63	t	83	61	t	Louisville	85	72	t	83	70	С
Atlanta	88	73	с	88	73	t	Memphis	82	75	t	85	73	t
Atlantic City	85	72		84	73	рс	Miami	91		рс	91	76	рс
Baltimore	89	69		90	71	рс	Milwaukee	89	70	t	80	61	t
Billings	66	47		77	52	рс	Minneapolis	78		sh	70	54	sh
Birmingham	85	74	-	88	74		Nashville	81	71	-	84	71	t
Boise	92		S	91	63	-	New Orleans	92	77	рс	90	77	рс
Boston	82		S	82		S	New York City	88	74		87	73	рс
Charleston, SC	92	77		93	77		Oklahoma City	86	68		80	59	С
Charleston, WV	81	67		85		рс	Omaha	86	61		74	54	
Chicago	87	70		75	60	t	Philadelphia	91	72		91	73	рс
Cleveland	88		S	88	70	рс	Phoenix	103	81		101	81	S
Dallas	85	73		81	71	t	Portland, ME	84	60		81	61	
Denver	76	45		77	51	рс	Providence	86	66		83	67	
Detroit	88	71		85		С	Raleigh	90	73		89	73	
El Paso	96	72		93		t	Rapid City	60		r	69	46	
Fairbanks	67	55		64	52	-	Reno	96	61	-	96	63	
Fargo	73		рс	69	47	рс	Sacramento	92	60		91	59	
Honolulu	87		рс	86	75	рс	St. Louis	87	73		82	63	
Houston	89		t	91	74		Salt Lake City	93		S	90	65	
Indianapolis	84		t	79	63		San Diego	78	67	рс	79	68	
Jacksonville	94		рс	96	73		San Francisco	72	57	рс	73	58	
Kansas City	87	65		75	55		Seattle	97	62		93	60	S
Las Vegas	101	82		102	81		Tucson	97	74		94	74	-
Little Rock	84	74		85	72		Washington, DC	92	75		93	75	
Los Angeles	82	62	pc	82	62	рс	Wichita	90	65	ſ	77	58	pc

Weather (W): s-sunny, pc-partly cloudy, c-cloudy, sh-showers, t-thunderstorms, r-rain, sf-snow flurries, sn-snow, i-ice.

4 6 6 4

**0-2**, Low 3-5, Moderate 6-7, High; 8-10. Verv High; 11+. Extreme The higher the AccuWeather.com UV Index™ num

ber, the greater the need for eye and skin protection.

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	T	oda		Sat.				
	Hi	Lo	Ŵ	Hi	Lo	W		
Beijing	89	71	С	91	72	S		
Hong Kong	87	79	t	89	80	t		
Jerusalem	86	70	S	88	70	S		
London	69	58	r	70	59	рс		
Mexico City	74	58	t	73	57	t		
Moscow	79	63	рс	74	59	sh		
Paris	76	59	sh	76	57	рс		
Rome	83	67	рс	84	68	S		
Seoul	92	77	c	93	77	с		
Sydney	73	51	S	65	47	S		
Tokyo	88	79	t	86	80	t		

WINDS (in mph) Today Saturday Boardman NNE 7-14 NE 3-6 Pendleton NNW 6-12 NNW 4-8

# **UV INDEX TODAY**

8 a.m. 10 a.m. Noon 2 p.m. 4 p.m. 6 p.m.