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TODAY	TONIGHT	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
HIGH 59°	LOW 40°	61° 37°	62° 37°	68° 45°	67° 47°	70° 49°	71° 47°
Partly sunny and nice	Partly cloudy	Clouds and sun with a passing shower	Rather cloudy; cool; a shower in the p.m.	Rather cloudy	Cloudy	A couple of showers possible	Chance for a couple of showers

ALMANAC

Bend Municipal Airport through 5 p.m. yest.

TEMPERATURE

	Yesterday	Normal	Record
High	63°	70°	95° in 1926
Low	34°	40°	27° in 1963

PRECIPITATION

24 hours through 5 p.m. yesterday	0.00"
Record	0.44" in 1941
Month to date (normal)	0.08" (0.19")
Year to date (normal)	2.23" (5.21")
Barometric pressure at 4 p.m.	29.91"

SUN, MOON AND PLANETS

Rise/Set	Today	Tue.
Sun	5:23am/8:46pm	5:22am/8:47pm
Moon	3:57am/6:23pm	4:21am/7:26pm
Mercury	5:55am/8:56pm	5:50am/8:49pm
Venus	6:40am/10:16pm	6:41am/10:17pm
Mars	8:24am/11:35pm	8:23am/11:33pm
Jupiter	1:00am/11:35am	12:56am/11:31am
Saturn	12:12am/9:58am	12:08am/9:54am
Uranus	3:37am/5:47pm	3:33am/5:43pm

New	First	Full	Last
Jun 10	Jun 17	Jun 24	Jul 1

Tonight's sky: After sunset, the bright star low in the northwest is Capella of Auriga.

Source: Jim Todd, OMSI

UV INDEX TODAY

10 a.m.	Noon	2 p.m.	4 p.m.
5	9	8	4

The higher the **AccuWeather.com UV Index™** number, the greater the need for eye and skin protection. **0-2** Low, **3-5** Moderate; **6-7** High; **8-10** Very High; **11+** Extreme.

POLLEN COUNT

Grasses	Trees	Weeds
Very high	Moderate	Absent

Source: Oregon Allergy Associates 541-683-1577

WATER REPORT

As of 7 a.m. yesterday

Reservoir	Acre feet	Capacity
Crane Prairie	47534	86%
Wickiup	60237	30%
Crescent Lake	24802	29%
Ochoco Reservoir	9276	21%
Prineville	77798	52%
River flow	**Station**	**Cu.ft./sec.**
Deschutes R.	below Crane Prairie	120
Deschutes R.	below Wickiup	1260
Deschutes R.	below Bend	124
Deschutes R.	at Benham Falls	1620
Little Deschutes	near La Pine	89
Crescent Ck.	below Crescent Lake	16
Crooked R.	above Prineville Res.	2
Crooked R.	below Prineville Res.	280
Crooked R.	near Terrebonne	15
Ochoco Ck.	below Ochoco Res.	12

FIRE INDEX

Bend	High
Redmond/Madras	High
Sisters	High
Prineville	High
La Pine/Gilchrist	High

Source: USDA Forest Service

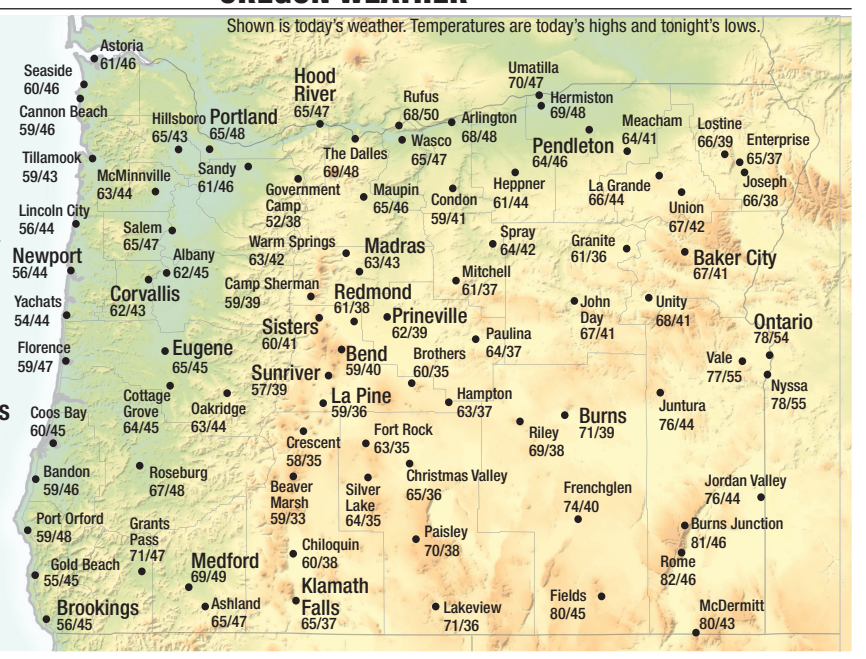
OREGON WEATHER

EAST: Pleasant with sunshine again Monday. Increasing clouds Monday night into Tuesday.

CENTRAL: Partly sunny and pleasant Monday. Increasing clouds Monday night. Mostly cloudy Tuesday.

WEST: Mostly cloudy with isolated showers Monday and Monday night. Some sun and scattered showers Tuesday.

OREGON EXTREMES YESTERDAY
High: 84° at Rome
Low: 28° at Prineville



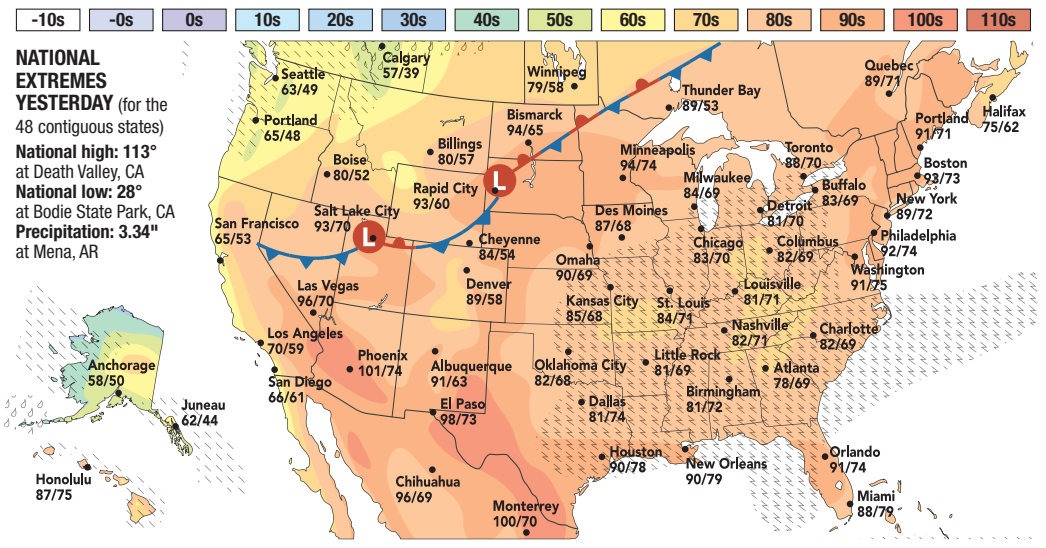
City	Yesterday Hi/Lo/Prec.	Today Hi/Lo/W	Tuesday Hi/Lo/W
Astoria	54/49/0.48	61/46/pc	61/47/pc
Baker City	64/39/Tr	67/41/pc	71/43/pc
Brookings	61/45/0.00	56/45/pc	55/44/pc
Burns	69/33/0.00	71/39/pc	71/41/pc
Eugene	68/41/0.00	65/45/pc	65/42/pc
Klamath Falls	69/29/0.00	65/37/pc	60/36/pc
Lakeview	71/33/0.00	71/36/pc	64/36/pc
La Grande	62/46/0.00	66/44/pc	70/46/pc
La Pine	57/29/0.00	59/36/pc	57/35/sh
Medford	74/47/0.00	69/49/pc	68/46/c
Newport	57/45/0.02	56/44/sh	56/45/pc
North Bend	63/44/0.00	61/48/pc	61/46/pc
Ontario	77/51/0.00	78/54/pc	82/57/pc
Pendleton	64/48/0.00	64/46/pc	72/48/pc
Portland	64/50/0.02	65/48/pc	67/49/pc
Prineville	61/28/0.00	62/39/pc	57/38/pc
Redmond	65/32/0.00	61/38/pc	63/37/pc
Roseburg	69/45/0.00	67/48/pc	64/44/pc
Salem	68/43/0.01	65/47/pc	67/45/pc
Sisters	55/32/0.00	60/41/c	62/37/sh
The Dalles	68/53/0.00	69/48/c	72/50/c

Weather(W): **s**-sunny, **pc**-partly cloudy, **c**-cloudy, **sh**-showers, **t**-thunderstorms, **r**-rain, **sf**-snow flurries, **sn**-snow, **i**-ice, **Tr**-trace, Yesterday data as of 5 p.m. yesterday

NATIONAL WEATHER

-10s | -0s | 0s | 10s | 20s | 30s | 40s | 50s | 60s | 70s | 80s | 90s | 100s | 110s

NATIONAL EXTREMES YESTERDAY (for the 48 contiguous states)
National high: 113° at Death Valley, CA
National low: 28° at Bodie State Park, CA
Precipitation: 3.34" at Mena, AR



Shown are today's noon positions of weather systems and precipitation. Temperature bands are highs for the day.

T-storms | Rain | Showers | Snow | Flurries | Ice | Cold Front | Warm Front | Stationary Front

TRAVEL WEATHER

NATIONAL

City	Yesterday Hi/Lo/Prec.	Today Hi/Lo/W	Tuesday Hi/Lo/W
Abilene	89/66/Tr	90/74/c	96/75/pc
Akron	87/65/0.00	83/70/t	83/70/t
Albany	88/60/0.00	91/69/s	84/68/t
Albuquerque	95/61/0.00	91/63/s	90/61/pc
Anchorage	69/51/0.00	58/50/pc	55/48/r
Atlanta	87/72/Tr	78/69/t	83/70/t
Atlantic City	92/70/0.00	78/69/s	79/69/pc
Austin	88/64/0.00	90/76/t	91/75/pc
Baltimore	96/70/0.00	94/72/t	87/71/t
Billings	76/54/0.03	80/57/s	80/55/t
Birmingham	74/70/1.33	81/72/t	84/71/t
Bismarck	85/69/0.00	94/65/t	95/70/c
Boise	77/49/0.00	80/52/pc	81/54/pc
Boston	94/70/0.00	93/73/s	89/71/t
Bridgeport, CT	93/65/0.00	83/67/s	81/68/t
Buffalo	85/67/0.00	83/69/t	81/67/t
Burlington, VT	95/67/0.02	94/73/s	87/69/t
Caribou, ME	78/55/0.04	92/71/pc	88/60/s
Charleston, SC	82/75/0.04	85/72/t	84/71/pc
Charlotte	90/70/0.45	82/69/t	82/69/t
Chattanooga	82/72/0.01	80/71/t	83/71/t
Cheyenne	89/63/0.00	84/54/pc	86/55/pc
Chicago	89/72/0.00	83/70/t	84/69/t
Cincinnati	83/63/0.03	79/69/t	80/68/t
Cleveland	88/64/0.00	83/69/t	82/69/t
Colorado Springs	86/60/0.11	85/59/pc	90/60/pc
Columbia, MO	83/66/Tr	81/68/t	82/69/t
Columbia, SC	90/72/0.70	84/70/t	84/69/t
Columbus, GA	88/72/0.11	83/69/t	87/70/t
Columbus, OH	89/63/0.11	82/69/t	83/69/t
Concord, NH	93/62/0.00	96/70/s	89/67/t
Corpus Christi	90/73/0.00	90/79/pc	91/79/pc
Dallas	88/67/0.11	81/74/t	89/75/t
Dayton	86/66/0.05	80/69/t	82/69/t
Denver	91/63/0.30	89/58/pc	93/58/pc
Des Moines	86/64/0.00	87/68/pc	87/69/pc
Detroit	89/65/0.00	81/70/t	83/69/t
Duluth	87/57/0.00	87/62/pc	81/58/t
El Paso	100/80/0.00	98/73/s	98/71/pc
Fairbanks	71/53/Tr	78/50/pc	62/51/c
Fargo	91/77/0.00	92/68/pc	95/71/pc
Flagstaff	78/46/0.00	75/40/s	74/41/s
Grand Rapids	89/69/0.00	82/68/t	83/66/t
Green Bay	90/72/0.00	89/70/pc	88/67/t
Greensboro	88/67/0.16	81/69/t	81/68/t
Harrisburg	93/65/0.00	91/72/t	85/70/t
Hartford, CT	94/63/0.00	95/71/s	88/69/t
Helena	71/48/0.00	76/49/pc	75/52/c
Honolulu	86/75/0.06	87/75/pc	86/74/pc
Houston	91/71/0.21	90/78/t	92/78/pc
Huntsville	73/71/0.48	82/70/t	84/71/t
Indianapolis	83/65/0.03	79/69/t	78/68/t
Jackson, MS	75/72/0.68	86/74/t	87/75/t
Jacksonville	92/73/0.00	88/71/t	88/70/pc
Juneau	56/46/0.38	62/44/pc	62/46/s
Kansas City	85/65/0.00	85/68/t	88/70/t
Lansing	91/70/0.00	82/69/t	84/68/t
Las Vegas	103/82/0.00	96/70/pc	93/70/s
Lexington	81/64/0.11	78/67/t	80/66/t
Lincoln	87/66/0.00	90/68/pc	91/69/pc
Little Rock	83/67/0.02	81/69/t	81/71/t
Los Angeles	75/62/0.00	70/59/pc	72/58/pc
Louisville	84/70/0.55	81/71/t	82/70/t
Madison, WI	89/72/0.00	86/69/t	85/67/t
Memphis	76/70/0.04	83/72/t	81/72/t
Miami	88/80/0.01	88/79/pc	88/78/pc
Milwaukee	90/73/0.00	84/69/t	80/63/t
Minneapolis	93/76/0.00	94/74/pc	93/73/pc
Nashville	81/71/0.02	82/71/t	82/70/t
New Orleans	84/77/0.43	90/79/t	90/78/t
New York City	92/76/0.00	89/72/s	86/72/t
Newark, NJ	97/71/0.00	92/73/s	88/73/t
Norfolk, VA	91/71/0.02	88/73/pc	87/74/pc
Oklahoma City	81/63/0.09	82/68/t	83/72/t
Omaha	85/67/0.00	90/69/pc	91/70/s
Orlando	93/74/0.00	91/74/pc	90/72/pc
Palm Springs	101/77/0.00	93/64/pc	95/70/s
Peoria	87/65/0.00	83/69/t	82/68/t
Philadelphia	93/69/0.00	92/74/s	87/72/t
Phoenix	106/78/0.00	101/74/s	99/75/s
Pittsburgh	87/62/0.00	84/68/t	82/68/t
Portland, ME	87/68/0.00	91/71/s	87/67/pc
Providence	93/65/0.00	90/68/s	88/69/t
Raleigh	90/68/0.00	86/71/t	82/70/t
Rapid City	80/66/0.00	93/60/t	91/64/t
Reno	88/55/0.00	82/52/s	73/46/s
Richmond	94/68/0.00	89/73/pc	88/72/t
Rochester, NY	89/62/0.00	88/70/t	83/67/t
Sacramento	89/57/0.00	80/51/s	75/49/s
St. Louis	86/74/Tr	84/71/t	82/71/t
Salt Lake City	91/66/Tr	93/70/pc	90/67/s
San Antonio	88/69/Tr	92/76/t	92/76/pc
San Diego	70/63/0.00	66/61/pc	69/61/pc
San Francisco	73/55/0.00	65/53/s	65/53/s
San Jose	78/53/0.00	69/51/s	68/49/s
Santa Fe	91/56/0.04	89/53/pc	89/53/pc
Savannah	88/73/Tr	87/73/t	86/72/pc
Seattle	55/48/0.07	63/49/pc	66/49/pc
Sioux Falls	96/71/0.00	94/70/pc	93/70/pc
Spokane	55/41/0.00	63/45/pc	72/50/c
Springfield, MO	80/66/0.40	77/66/t	80/68/t
Tampa	95/79/Tr	92/77/pc	92/76/t
Tucson	101/73/0.00	100/67/s	98/67/pc
Tulsa	82/69/Tr	81/70/t	84/74/t
Washington, DC	92/71/0.00	91/75/t	87/73/t
Wichita	83/67/0.00	83/68/t	87/72/pc
Yakima	64/42/Tr	68/42/pc	72/44/pc
Yuma	102/73/0.00	99/64/pc	97/66/pc

INTERNATIONAL

Amsterdam	70/55/0.00	71/52/pc	73/53/pc	Mecca	103/83/0.00	108/80/s	108/83/pc
Athens	81/61/0.00	87/68/s	84/66/pc	Mexico City	82/56/0.09	77/57/t	74/59/t
Auckland	60/53/0.66	61/55/r	62/55/r	Montreal	88/66/0.01	92/72/c	89/67/c
Baghdad	108/81/0.00	104/74/pc	105/75/pc	Moscow	72/54/0.01	73/57/pc	73/59/sh
Bangkok	97/84/0.00	93/81/t	90/79/t	Nairobi	74/59/0.00	74/53/pc	73/55/pc
Beijing	93/62/0.00	84/62/c	88/68/pc	Nassau	88/78/0.00	86/76/pc	86/75/pc
Beirut	79/72/0.00	80/69/s	80/70/s	New Delhi	99/81/0.00	103/87/pc	105/86/pc
Berlin	82/57/0.04	80/60/pc	79/58/pc	Osaka	81/67/0.08	85/66/pc	86/66/c
Bogota	63/51/0.18	66/50/t	66/50/t	Oslo	75/54/0.04	69/50/t	72/48/pc
Budapest	79/61/0.00	80/59/sh	81/59/pc	Ottawa	90/64/0.00	91/69/t	88/67/t
Buenos Aires	55/46/0.00	58/55/c	61/58/s	Paris	73/52/0.00	76/56/pc	78/58/pc
Cabo San Lucas	95/76/0.00	90/77/s	90/76/s	Rio de Janeiro	81/70/0.00	79/70/pc	80/71/s
Cairo	89/68/0.00	90/67/s	93/71/pc	Rome	79/64/0.52	76/61/t	75/60/t
Calgary	57/45/0.07	57/39/pc	63/45/c	Santiago	63/47/0.00	70/42/pc	70/44/c
Cancun	90/81/0.04	90/80/pc	89/79/pc	Sao Paulo	79/64/0.00	73/62/c	69/59/t
Dublin	60/45/0.00	66/51/c	67/55/c	Sapporo	75/60/0.00	75/52/pc	76/53/s
Edinburgh	64/50/0.00	64/48/sh	65/53/c	Seoul	83/60/0.01	79/64/sh	84/63/c
Geneva	73/55/0.00	70/59/t	73/57/t	Shanghai	91/70/0.00	89/72/c	86/75/c
Harare	62/42/0.00	67/45/pc	68/45/pc	Singapore	91/79/0.00	90/79/sh	88/79/c
Hong Kong	89/79/0.00	88/80/r	88/81/t	Stockholm	75/52/0.00	77/56/pc	72/52/pc
Istanbul	75/59/0.00	76/65/c	73/62/pc	Sydney	67/49/0.00	68/53/pc	66/50/pc
Jerusalem	79/58/0.00	77/63/s	76/64/s	Taipei City	78/72/1.32	89/76/t	93/79/t
Johannesburg	56/36/0.00	57/39/pc	57/41/c	Tel Aviv	80/67/0.00	79/71/s	79/73/s
Lima	66/62/0.00	67/62/s	67/62/s	Tokyo	73/67/0.33	78/68/sh	82/69/pc
Lisbon	78/57/0.00	78/56/s	80/59/s	Toronto	93/68/0.00	88/70/t	83/68/t
London	72/56/0.03	72/52/sh	73/54/s	Vancouver	54/50/0.08	61/48/pc	63/49/pc
Madrid	88/55/0.13	90/60/s	94/62/s	Vienna	75/64/0.00	79/57/sh	80/60/pc
Manila	91/82/0.06	94/82/t	92/82/t	Warsaw	75/52/0.00	77/54/pc	79/57/c

K-9s

Continued from A1

The dogs trained on multiple drugs alert in the same way for all of them, so it's impossible to tell whether they are indicating the presence of marijuana or an illicit drug. The dogs also cannot distinguish between a small, legal amount of marijuana or a larger, still-illegal amount of the drug. For police, that means they can no longer be used to establish probable cause for a search.

"We won't use our dogs trained in marijuana because that could be a defense an attorney would raise for a client, to say, 'Which odor did the K-9 alert on — was it marijuana or was it an illegal drug?" said Bedford County Sheriff Mike Miller.

Using a dog that has been trained to detect all drugs except marijuana can help "guarantee he didn't hit on marijuana, that he found heroin or something else," Miller said.

Miller's office retired one dog and is now using a second dog for tracking and apprehension duties only, not for drug detection. His office also bought a new dog not trained on the scent of marijuana; that dog will be used to detect other drugs. Miller said he'd like to purchase a second drug-sniffing dog, but isn't sure when he will find the money in his budget.

Steve Helber/AP

Virginia State Police K-9 officer Tyler Fridley works with his dog, Aries, at state police headquarters in Richmond, Virginia, on May 10. Aries is among several drug-sniffing dogs being retired from service as this state legalizes marijuana in July.

Other states that legalized marijuana earlier have had to make similar adjustments.

"The trend is everywhere," said Don Slavik, executive director of the United States Police Canine Association.

"Once you train a behavior in a dog, that never goes away. They don't want any mistakes, so that is why they want to bring in new dogs," he said.

A 2017 ruling from the Colorado Court of Appeals solidified concerns that using marijuana-trained dogs in places where the drug is legal may not withstand legal challenges.

Kilo, a Moffat County Sheriff's Office dog trained on multiple drugs, alerted on a man's truck during a 2015 traffic stop. Officers found a methamphetamine pipe containing white residue. The court found that Kilo's alert was not a reliable indicator of illegal activity because the dog could not differentiate between marijuana and an illegal drug. The court overturned the man's drug possession conviction, finding that police did not have legal grounds to search his truck. The ruling was later upheld by the Colorado Supreme Court.

In Massachusetts, where recreational marijuana became legal in 2016, the Quincy Police Department shifted two dogs from drug detection to patrol work, then retired them about 18 months later.

Lt. Bob Gillan, the department's K-9 Unit Supervisor, said drug traffickers quickly figured out how to raise doubt about the legality of a search by a dog trained to detect marijuana.

"Usually, when they're delivering their illegal drugs, they will always have marijuana burning in the car. Any defense attorney worth his or her salt will say, 'Well, your dog hit on a legal substance,' (not the illegal drugs)," he said.

Sgt. Scott Amos, the canine training coordinator for Virginia State Police, said that with the July 1 legalization date approaching, police are busy training new dogs to detect MDMA, also known as ecstasy; cocaine, heroine and methamphetamines, while also getting 13 dogs ready for retirement. Apollo, Aries, Bandit, Blaze, Jax, Kane, Mater, Nina, Reno, Sarge, Thunder, Zeus and Zoey are being adopted by their handlers, Amos said.

Cumberland County Sheriff Darrell Hodges said his office recently had to retire its drug-detecting K-9, a Belgian Malinois named Mambo. He said his 17-person department doesn't have the money to purchase and train a new dog.

"You work with them day in and day out, and they become part of you, and to just take it away is kind of tough," he said.

Hodges said all turned out well for Mambo, who was adopted by his handler.

"The dog is actually living a wonderful life," he said. "He has his own bedroom in a house and is getting spoiled rotten."

Lottery

Continued from A1

Research shows the approach doesn't really do much. A 2013 meta-analysis in the journal Management Science found traditional financial literacy programs only result in a 0.1% change in individual financial behaviors.

"You could almost say the takeaway from all these financial literacy programs is they don't make you worse at personal finance," Monk said.

Monk found a solution in prize-linked savings accounts. He started a company to motivate people to save money by incentivizing them with the chance to win cash prizes as long as their money stays in the bank. The practice was signed into law by President Barack Obama in 2014, and it has proved to be a success: A recent study from the Kellogg School of Management at Northwestern University found that 110 bank branches with prize-link savings programs saw a 41% increase in new personal savings accounts being opened.

The era of games

"Look: This is the era of games," Monk recently told OPB's Weekend Edition.

With the omnipresent rise of smartphones, more and more of our daily decisions are being gamified. Want to eat better or work out faster? There's an app for that. We use games to sleep better, to track our steps, even to meet new people: Just look at the swipe-culture of online dating.

Monk said the trick is providing people extrinsic motivation to make better decisions based on the hope of an uncertain but potentially huge payoff.

"People play for the chance to change their lives with luck," Monk said. "It's like, 'If I win, the change is just going to be astounding. And I'm not really feeling the cost.'"

In designing Oregon's vaccine lottery, he pushed the governor's team to focus on three priorities. First, there needed to be a variable reward prize.

"It's a type of game prize where not everybody wins," he said.

That big million-dollar prize would motivate people to opt in, even generating a bit of fear of missing out (yes, he used the term "FOMO"). Why play if there's no big reward?

Second, there needed to be a chance to feel some proximity to the winner. That's why he urged a smaller $10,000 prize in each of Oregon's 36 counties.

"We wanted every community and region to have winners so that maybe somebody you know won," Monk said, "so you could really visualize yourself winning this thing."

Finally, it needed to be risk-free for participants. Monk acknowledges this is one of the biggest problems for conventional lotteries. "I can find you losers," he said. "These are people who often struggle to make the money they're holding in their hand and sadly, it goes away."

Games of the free

Since Oregon's announcement, vaccine lottery fever has swept the country. Both California and Washington have announced their own lottery programs to pump up vaccination efforts. (Ohio 'unlocked a secret' through the nation's first million-dollar vaccination lottery, in the words of a White House senior adviser.)

Initial findings suggest the incentive may be working in Oregon. Daily vaccinations are up in several rural counties: Marion County is reporting a 2.3% increase, Sherman County is up 2.5% and Gilliam County up 2.1% since before the lottery was announced. These are places where previous trends had anticipated a decreasing vaccination rate.

On Friday, Gov. Kate Brown announced the state is closer than ever to reaching the 70% vaccination threshold that will allow the economy to fully reopen. The Oregon Health Authority estimates that Oregon will reach that goal by June 21 at the latest.

But Monk said the biggest change might come once governments wrap their heads around how effective games are as a motivator.

"It's a carrot," he said. "For those freedom loving folks out there, there's something here that's pretty interesting because there's no mandate, right? It's about building an incentive and allowing you to choose."

One of the major tensions in American life this year has been the friction between well-intentioned government regulation and the bristling of individuals and communities who feel their rights are being trampled. Monk hypothesizes there are countless ways governments could create more systems that incentivize people to opt in to healthier, more productive behaviors, rather then penalizing them for opting out.

"I'd love to see it applied to education, maybe welfare-to-work or personal health. What if instead of a health care mandate there were health care prizes?"