

From: Simon, Benjamin
To: [Ann Miller](#); [Sarah Cline](#)
Subject: Fwd: econ impacts for Monuments review
Date: Friday, May 19, 2017 1:06:30 PM
Attachments: [Official Workbook Economic Contributions of National Monuments and NCAs.xlsx](#)

sorry if you already received this...just wanted to make sure

Ben

----- Forwarded message -----

From: **Sidon, Joshua** <jsidon@blm.gov>
Date: Wed, May 17, 2017 at 7:18 PM
Subject: Re: econ impacts for Monuments review
To: Christian Crowley <Christian.Crowley@ios.doi.gov>
Cc: "Simon, Benjamin" <benjamin_simon@ios.doi.gov>, Adam Stern <adam_stern@ios.doi.gov>

Hi all,

Sorry for the slow response. I'm actually on travel, in Utah, and drove along Grand Staircase Escalante (GSENM) today! I'm available tomorrow (Thursday) at 10am. My recommendation would be to pull from that study I've shared with you all on the economic effects of National Conservation Lands. Let me know if you want me to resend. There is some good info on GSENM. Also take a look at the attached workbook (associated with that study). Bears Ears might be more challenging since it was just designated. I can look into trying to get visitation data for the unit.

Talk to you tomorrow.

Josh

On Wed, May 17, 2017 at 4:43 PM, Crowley, Christian <christian_crowley@ios.doi.gov> wrote:

PS Would you be available to talk for 30 minutes on Thursday at 10 am Mountain/Noon Eastern? Another option that we've got is to use BLM's data from the FY 2016 econ report, and develop a state-level coefficient potential resource production associated with each monument.

On Wed, May 17, 2017 at 1:08 PM, Crowley, Christian <christian_crowley@ios.doi.gov> wrote:

Hi Josh,

Our office is putting together some econ impact info on Bears Ears and Grand Staircase Escalante for an "interim report" on National Monuments, due next week. We're thinking of running IMPLAN for the regions made up of the counties surrounding each monument.

Would you have 30 minutes to discuss our approach today or tomorrow?
How about 2:30 Eastern/12:30 Mountain (or later) today?

Please let me know what you think,
Christian

--

Josh Sidon

Economist, National Operations Center
Bureau of Land Management
Denver Federal Center, Bldg. 50
P.O. 25047
Denver, CO 80225
Phone: 303-236-6343

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Benjamin Simon, Ph.D., Chief DOI Economist
Office of Policy Analysis
U.S. Department of the Interior
1849 C St. NW
Washington DC
202 208 4916
benjamin_simon@ios.doi.gov

This spreadsheet contains data to generate a report on the economic contributions of visitors to National Monuments and NCAs (excluding the most recently designated units of Bears Ears and Gold Butte). There are many hidden tabs which contain the calculations, but the only thing that needs to be inputted into this sheet is visitation data from each monument and NCA for the fiscal years 2017 and 2018. These should be entered into the "Visits" tab. For this analysis, I have used the number of "visits" (not visitor days) reported in RMIS for the office or RMA associated with the unit. These are found in report #23c in RMIS. The results will autofill in the "Economic Contributions" tab. Displayed in this tab are four columns of results for each fiscal year 2014-2018: employment, labor income, value added and output. These are defined as follows:

- Employment** the annual average of monthly jobs, both part-time and full-time. One part- or full-time job lasting twelve months is equivalent to two part- or full-time jobs lasting six months. Note that these jobs are those supported by visitor spending, not necessarily jobs “created” by the unit. Some of the reported jobs would still exist without tourism generated from the National Conservation Lands unit. Additionally, since this analysis only tracks visitor spending on trip-related goods and services, it does not directly calculate jobs associated with monument management. For the most part, BLM jobs are distinct from other jobs supported by visitation measured in an IMPLAN analysis.
- Labor Income** all forms of employment income, including wages, benefits, and proprietor income. Labor income represents a portion the amount reported for value added.
- Value Added** the contribution of visitor spending to the Gross Domestic Product (GDP) of a regional economy. Value added is equal to the difference between the sale price of all goods sold and the production value of the goods. In other words, if a consumer spent \$100 at a motel and the operational and material expenses of the business to provide that room were \$40, then \$60 of value is added to the economy.
- Output** the total production value of goods and services supported by visitor spending. It is the sum of consumer purchases, exports, and intermediate sales between businesses.

About the Results

The results in the "Economic Contributions" tab are based on several data sources. First, the amount of visitation is directly related to the amount of economic contributions. Higher visitation means a greater amount of spending in the region and thus a greater amount of economic activity supported by the unit. Visitation estimates are reported by units and taken from BLM's Recreation Management Information System (RMIS). The amount of spending by visitors is based on surveys from the National Park Service's Visitor Services Project (VSP). Spending profiles are reported from these surveys for local, nonlocal, onsite camping, offsite camping, and offsite lodging visitors per day for day visitors and per night for overnight visits. In order to estimate the proportion of visitors that fall into each category, each National Monument or NCA was matched up with a National Park Service site that has either been surveyed or has used a generic profile derived from the many surveys completed thus far as part of the VSP. The final estimated visitor spending at each site was multiplied by employment, labor income, value added and output multipliers from an input-output economic modeling software called IMPLAN. IMPLAN uses data from the Bureau of Economic Analysis and other sources to generate a complex accounting matrix that shows the linkages between over 500 different sectors in regional economies. In this analysis, a model for each *state*'s economy was used to estimate regional economic contributions. A county-level or national-level analysis is also an option for an economic contribution analysis. In general, a county-level model provides a smaller window of businesses and communities that may be linked to spending on monument visits, while a national model will inflate the contributions results since all linkages across the entire United States will be included as an effect of visitor spending in a local monument region. The IMPLAN data was used from 2013 and inflated accordingly to match the study year.

How the 2017 and 2018 results were calculated

The 2017 and 2018 economic contributions are calculated by inflating the economic multipliers and spending profiles to match the dollar values in each year. Since the spending profiles and visitor characteristics will not change over time unless new survey data is produced, the main consideration for estimating economic contributions in the future is inflation. Inflation projections were provided by IMPLAN and are generated by projecting previous rates of inflation into future years. When a newer version of IMPLAN is purchased, these calculations could be updated. I chose to limit the projections to 5 years past the date of the IMPLAN software to avoid error that may arise by projecting inflation too far into the future.

Prepared by: Egan Cornachione, GeoCorps intern with National Conservation Lands. Contact: (b) (6) or (b) (6)

NPS Site	NPS State	NLCS Site	NLCS State	GIS Spatial Comparison (25 m les)	GIS Spatial Comparison (50 miles)	Others	Best poss ble Matching Options	Final Choice
Yukon - Charley Rivers	AK	Steese NCA	AK	Yukon-Charley Rivers National Preserve			Yukon-Charley Rivers National Preserve	Yukon - Charley Rivers
Montezuma Castle	AZ	Aqua Fria	AZ	Montezuma Castle National Monument			Montezuma Castle National Monument	Montezuma Castle
Chiricahua	AZ	Gila Box Riparian NCA	AZ	na	na	Chiricahua NM (110km)	Chiricahua NM (110km)	Chiricahua
Pipe Spring	AZ	Grand Canyon-Parashant	AZ	Grand Canyon National Park and Lake Mead NRA			Grand Canyon National Park and Lake Mead NRA	Grand Canyon
Pipe Spring	AZ	Ironwood Forest	AZ	Saguaro National Park			Saguaro National Park	Saguaro
Coronado	AZ	Las Cienegas NCA	AZ	Saguaro National Park and Coronado National Memorial			Saguaro National Park and Coronado National Memorial	Saguaro
Coronado	AZ	San Pedro Riparian NCA	AZ	Coronado National Memorial			Coronado National Memorial	Coronado
Saguaro	AZ	Sonoran Desert	AZ	na	Hohokam Pima NM Organ Pipe Cactus NM and Casa Grande Ruins NM		Hohokam Pima NM Organ Pipe Cactus NM and Casa Grande Ruins NM	Organ Pipe Cactus
Navajo	AZ	Vermilion Cliffs	AZ	Grand Canyon National Park and Glen Canyon NRA			Grand Canyon National Park and Glen Canyon NRA	Canyon de Chelly
Muir Woods	CA	Berryessa Snow Mountain	CA	na	John Muir NHS and Chicago Naval Magazine NM		John Muir NHS and Chicago Naval Magazine NM	Lassen Volcanic
Channel Islands	CA	Cal fornia Coastal	CA	Channel Islands National Park (and Santa Monica Mts NRA Redwoods NP Point Reyes NS Rosie Riveter/WWII NHP and Golden Gate NRA)			Channel Islands National Park (and Santa Monica Mts NRA Redwoods NP Point Reyes NS Rosie Riveter/WW I NHP and Golden Gate NRA)	Channel Islands
Sequoia	CA	Carizzo Plain	CA	na	na	Santa Monica Mts NRA(125km) Sequoia NP (80km)	Santa Monica Mts NRA(125km) Sequoia NP (180km)	Sequoia NP
Pinnacles	CA	Fort Ord	CA	na	Pinnacles National Monument		Pinnacles National Monument	Pinnacles
Whiskeytown	CA	Headwaters Forest Reserve	CA	na	Redwood NP		Redwood NP	Redwood
Redwood	CA	King Range NCA	CA	na	na	Redwood NP (120km)	Redwood NP (120km)	Redwood
Mojave	CA	Mojave Trails	CA	Mojave NP and Castle Mountains NM			Mojave NP and Castle Mountains NM	Mojave
Point Reyes	CA	Piedras Blancas Historic Light Station	CA	na	na	Pinnacles NM (100km)	Pinnacles NM (100km)	Pinnacles
Joshua Tree	CA	Sand to Snow	CA	Joshua Tree NP			Joshua Tree NP	Joshua Tree
Joshua Tree	CA	Santa Rosa and San Jacinto Mountains	CA	Joshua Tree NP			Joshua Tree NP	Joshua Tree
Curecanti	CO	Browns Canyon	CO	na	Florissant Fossil Beds NM		Florissant Fossil Beds NM	Florissant Fossil Beds
Mesa Verde	CO	Canyons of the Ancients	CO	Hovenweep National Monument (and Yucca House NM and Mesa Verde NP)			Hovenweep National Monument (and Yucca House NM and Mesa Verde NP)	Hovenweep
Black Canyon Of The Gunnison	CO	Gunnison Gorge NCA	CO	Black Canyon of the Gunnison NP (and Curecanti NRA)			Black Canyon of the Gunnison NP (and Curecanti NRA)	Black Canyon Of The Gunnison
Colorado	CO	Dominguez-Escalante NCA	CO	Colorado National Monument (and Black Canyon of the Gunnison NP and Curecanti NRA)			Colorado National Monument (and Black Canyon of the Gunnison NP and Curecanti NRA)	Colorado
Colorado	CO	McInnis Canyons NCA	CO	Colorado National Monument			Colorado National Monument	Colorado
Biscayne	FL	Jupiter Inlet Lighthouse ONA	ES (FL)	na	Biscayne NP (60km)		Biscayne NP (160km)	Biscayne
Craters Of The Moon	ID	Craters of the Moon	ID	Craters of the Moon National Monument			Craters of the Moon National Monument	Craters of the Moon
Hagerman Fossil Beds	ID	Mortley Nelson Snake River Birds of Prey NCA	ID	na	Hagerman Fossil Beds NM		Hagerman Fossil Beds NM	Hagerman Fossil Beds
Little Bighorn Battlefield	MT	Pompeys Pillar	MT	na	na	Little Bighorn Battlefield NM (90km)	Little Bighorn Battlefield NM (90km)	Little Bighorn Battlefield
Bighorn Canyon	MT WY	Upper Missouri River Breaks	MT	na	Nez Perce NHP	Bighorn Canyon NRA (350km)	Bighorn Canyon NRA (350km)	Bighorn Canyon
El Malpais	NM	El Malpais NCA	NM	El Malpais National Monument and El Morro National Monument			El Malpais National Monument and El Morro National Monument	El Malpais
Carlsbad Caverns	NM	Fort Stanton-Snowy River Cave NCA	NM	na	na	White Sands NM	White Sands NM	White Sands
Bandelier	NM	Kasha-Katuwe Tent Rocks	NM	Valles Caldera NM and Bande ier NM and Manhattan Project NHP			Valles Caldera NM and Bandelier NM and Manhattan Project NHP	Bande ier
White Sands	NM	Organ Mountains-Desert Peaks	NM	White Sands NM			White Sands NM	White Sands
White Sands	NM	Prehistoric Trackways	NM	na	White Sands NM		White Sands NM	White Sands
Pecos	NM	Rio Grande del Norte	NM	na	Bandelier NM		Bandelier NM	Bandelier
Great Basin	NV	Basin and Range	NV	na	na	Great Basin NM (1 0km)	Great Basin NM (130km)	Great Basin
Great Basin	NV	Black Rock Desert-High Rock Canyon	NV	na	na	Lava Beds National Monument (185km)	Lava Beds National Monument (185km)	Lava Beds
Santa Monica Mountains	CA	Emigrant Trails NCA	NV	na	na	Lake Mead NRA	Lake Mead NRA	Lake Mead
Santa Monica Mountains	CA	Red Rock Canyon NCA	NV	Tule Springs Foss l Bed			Lake Mead NRA	Lake Mead
Crater Lake	OR	Sloan Canyon NCA	NV	Lake Mead NRA			Lake Mead NRA	Lake Mead
John Day Fossil Beds	OR	Cascade-Siskiyou	OR	na	Oregon Caves NM		Oregon Caves NM	Oregon Caves
Oregon Caves	OR	Steens Mountain CMPA	OR	na	na	John Day Fossil Beds NM (245km)	John Day Fossil Beds NM (245km)	John Day Fossil Beds
Cedar Breaks	UT	Yaquina Head ONA	OR	na	na	(Fort Vancouver NHS 216km)	(Fort Vancouver NHS 216km)	Fort Vancouver
Cedar Breaks	UT	Beaver Dam Wash NCA	UT	na	Lake Mead NRA		Lake Mead NRA	Lake Mead
Capitol Reef	UT	Red C liffs NCA	UT	Zion NP			Zion NP	Zion
Capitol Reef	UT	Grand Staircase-Escalante	UT	Capitol Reef NP and Glen Canyon NRA and Bryce Canyon NP all border it			Capitol Reef NP and Glen Canyon NRA and Bryce Canyon NP all border it	Capitol Reef
San Juan Island	WA	San Juan Islands	WA	San Juan Island National Historic Park (and Ebey's Landing NHR)			San Juan Island National Historic Park (and Ebey's Landing NHR)	San Juan Island

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Units	Visits	LocalDay	NLDay	LodgeIN	CampIN	LodgeOut	CampOut	Other
Steese NCA	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
Sonoran Desert	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
Las Cienegas NCA	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
Vermilion Cliffs	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
Ironwood Forest	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
Agua Fria	1	0.2	0.4	0.0	0.0	0.3	0.1	0.1
Grand Canyon-Parashant	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
Gila Box Riparian NCA	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
San Pedro Riparian NCA	1	0.2	0.4	0.0	0.0	0.3	0.1	0.1
Mojave Trails	1	0.2	0.4	0.0	0.0	0.3	0.1	0.1
Sand to Snow	1	0.1	0.4	0.0	0.2	0.2	0.0	0.1
Berryessa Snow Mountain	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
Fort Ord	1	0.2	0.4	0.0	0.0	0.3	0.1	0.1
Piedras Blancas Historic Light Station ONA	1	0.2	0.4	0.0	0.0	0.3	0.1	0.1
Carrizo Plain	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
Santa Rosa and San Jacinto Mountains	1	0.1	0.4	0.0	0.2	0.2	0.0	0.1
California Coastal	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
Headwaters Forest Reserve	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
King Range NCA	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
Browns Canyon	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
Dominguez-Escalante NCA	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
McInnis Canyons NCA	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
Canyons of the Ancients	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
Gunnison Gorge NCA	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
Jupiter Inlet Lighthouse ONA	1	0.2	0.4	0.0	0.0	0.3	0.1	0.1
Craters of the Moon	1	0.1	0.5	0.0	0.0	0.2	0.1	0.2
Morley Nelson Snake River Birds of Prey NCA	1	0.2	0.4	0.0	0.0	0.3	0.1	0.1
Pompeys Pillar	1	0.2	0.4	0.0	0.0	0.3	0.1	0.1
Upper Missouri River Breaks	1	0.3	0.3	0.0	0.1	0.2	0.1	0.2
Organ Mountains-Desert Peaks	1	0.1	0.5	0.0	0.0	0.3	0.0	0.1
Rio Grande del Norte	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
Prehistoric Trackways	1	0.1	0.5	0.0	0.0	0.3	0.0	0.1
Fort Stanton-Snowy River Cave NCA	1	0.1	0.5	0.0	0.0	0.3	0.0	0.1
Kasha-Katuwe Tent Rocks	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
El Malpais NCA	1	0.2	0.4	0.0	0.0	0.3	0.1	0.1
Basin and Range	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
Sloan Canyon NCA	1	0.3	0.3	0.0	0.1	0.2	0.1	0.2
Black Rock Desert-High Rock Canyon Emigrant Trails NCA	1	0.2	0.4	0.0	0.1	0.2	0.0	0.1
Red Rock Canyon NCA	1	0.3	0.3	0.0	0.1	0.2	0.1	0.2
Steens Mountain CMPA	1	0.1	0.4	0.0	0.0	0.2	0.2	0.2
Cascade-Siskiyou	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
Yaquina Head ONA	1	0.2	0.4	0.0	0.0	0.3	0.1	0.1
Red Cliffs NCA	1	0.1	0.3	0.0	0.1	0.3	0.1	0.1
Beaver Dam Wash NCA	1	0.3	0.3	0.0	0.1	0.2	0.1	0.2
Grand Staircase-Escalante	1	0.0	0.2	0.0	0.1	0.4	0.1	0.2
San Juan Islands	1	0.2	0.4	0.0	0.0	0.3	0.1	0.1

Units	LocalDay	NLDay	LodgeIN	CampIN	LodgeOut	CampOut	Other
Steese NCA	0.1	0.3	0.0	0.0	0.2	0.0	0.1
Sonoran Desert	0.1	0.3	0.0	0.0	0.2	0.0	0.1
Las Cienegas NCA	0.1	0.3	0.0	0.0	0.2	0.0	0.1
Vermilion Cliffs	0.1	0.3	0.0	0.0	0.2	0.0	0.1
Ironwood Forest	0.1	0.3	0.0	0.0	0.2	0.0	0.1
Agua Fria	0.2	0.4	0.0	0.0	0.3	0.1	0.1
Grand Canyon-Parashant	0.1	0.3	0.0	0.0	0.2	0.0	0.1
Gila Box Riparian NCA	0.1	0.3	0.0	0.0	0.2	0.0	0.1
San Pedro Riparian NCA	0.2	0.4	0.0	0.0	0.3	0.1	0.1
Mojave Trails	0.2	0.4	0.0	0.0	0.3	0.1	0.1
Sand to Snow	0.1	0.4	0.0	0.1	0.2	0.0	0.1
Berryessa Snow Mountain	0.1	0.3	0.0	0.0	0.2	0.0	0.1
Fort Ord	0.2	0.4	0.0	0.0	0.3	0.1	0.1
Piedras Blancas Historic Light Station ONA	0.2	0.4	0.0	0.0	0.3	0.1	0.1
Carrizo Plain	0.1	0.3	0.0	0.0	0.2	0.0	0.1
Santa Rosa and San Jacinto Mountains	0.1	0.4	0.0	0.1	0.2	0.0	0.1
California Coastal	0.1	0.3	0.0	0.0	0.2	0.0	0.1
Headwaters Forest Reserve	0.1	0.3	0.0	0.0	0.2	0.0	0.1
King Range NCA	0.1	0.3	0.0	0.0	0.2	0.0	0.1
Browns Canyon	0.1	0.3	0.0	0.0	0.2	0.0	0.1
Dominguez-Escalante NCA	0.1	0.3	0.0	0.0	0.2	0.0	0.1
McInnis Canyons NCA	0.1	0.3	0.0	0.0	0.2	0.0	0.1
Canyons of the Ancients	0.1	0.3	0.0	0.0	0.2	0.0	0.1
Gunnison Gorge NCA	0.1	0.3	0.0	0.0	0.2	0.0	0.1
Jupiter Inlet Lighthouse ONA	0.2	0.4	0.0	0.0	0.3	0.1	0.1
Craters of the Moon	0.1	0.5	0.0	0.0	0.2	0.1	0.2
Morley Nelson Snake River Birds of Prey NCA	0.2	0.4	0.0	0.0	0.3	0.1	0.1
Pompeys Pillar	0.2	0.4	0.0	0.0	0.3	0.1	0.1
Upper Missouri River Breaks	0.3	0.3	0.0	0.0	0.1	0.0	0.1
Organ Mountains-Desert Peaks	0.1	0.5	0.0	0.0	0.3	0.0	0.1
Rio Grande del Norte	0.1	0.3	0.0	0.0	0.2	0.0	0.1
Prehistoric Trackways	0.1	0.5	0.0	0.0	0.3	0.0	0.1
Fort Stanton-Snowy River Cave NCA	0.1	0.5	0.0	0.0	0.3	0.0	0.1
Kasha-Katuwe Tent Rocks	0.1	0.3	0.0	0.0	0.2	0.0	0.1
El Malpais NCA	0.2	0.4	0.0	0.0	0.3	0.1	0.1
Basin and Range	0.1	0.3	0.0	0.0	0.2	0.0	0.1
Sloan Canyon NCA	0.3	0.3	0.0	0.0	0.1	0.0	0.1
Black Rock Desert-High Rock Canyon Emigrant Trails NCA	0.1	0.4	0.0	0.1	0.2	0.0	0.1
Red Rock Canyon NCA	0.3	0.3	0.0	0.0	0.1	0.0	0.1
Steens Mountain CMPA	0.1	0.4	0.0	0.0	0.2	0.2	0.2
Cascade-Siskiyou	0.1	0.3	0.0	0.0	0.2	0.0	0.1
Yaquina Head ONA	0.2	0.4	0.0	0.0	0.3	0.1	0.1
Red Cliffs NCA	0.1	0.3	0.0	0.0	0.2	0.0	0.1
Beaver Dam Wash NCA	0.3	0.3	0.0	0.0	0.1	0.0	0.1
Grand Staircase-Escalante	0.0	0.2	0.0	0.0	0.3	0.1	0.2
San Juan Islands	0.2	0.4	0.0	0.0	0.3	0.1	0.1

Units	LocalDay	NLDay	LodgeIN	CampIN	LodgeOut	CampOut	Other
Steese NCA	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Sonoran Desert	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Las Cienegas NCA	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Vermilion Cliffs	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Ironwood Forest	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Agua Fria	0.1	0.1	0.0	0.0	0.1	0.0	0.0
Grand Canyon-Parashant	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Gila Box Riparian NCA	0.0	0.1	0.0	0.0	0.1	0.0	0.0
San Pedro Riparian NCA	0.1	0.1	0.0	0.0	0.1	0.0	0.0
Mojave Trails	0.1	0.1	0.0	0.0	0.1	0.0	0.0
Sand to Snow	0.0	0.2	0.0	0.0	0.1	0.0	0.0
Berryessa Snow Mountain	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Fort Ord	0.1	0.1	0.0	0.0	0.1	0.0	0.0
Piedras Blancas Historic Light Station ONA	0.1	0.1	0.0	0.0	0.1	0.0	0.0
Carrizo Plain	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Santa Rosa and San Jacinto Mountains	0.0	0.2	0.0	0.0	0.1	0.0	0.0
California Coastal	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Headwaters Forest Reserve	0.0	0.1	0.0	0.0	0.1	0.0	0.0
King Range NCA	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Browns Canyon	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Dominguez-Escalante NCA	0.0	0.1	0.0	0.0	0.1	0.0	0.0
McInnis Canyons NCA	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Canyons of the Ancients	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Gunnison Gorge NCA	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Jupiter Inlet Lighthouse ONA	0.1	0.1	0.0	0.0	0.1	0.0	0.0
Craters of the Moon	0.0	0.2	0.0	0.0	0.1	0.0	0.1
Morley Nelson Snake River Birds of Prey NCA	0.1	0.1	0.0	0.0	0.1	0.0	0.0
Pompeys Pillar	0.1	0.1	0.0	0.0	0.1	0.0	0.0
Upper Missouri River Breaks	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Organ Mountains-Desert Peaks	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Rio Grande del Norte	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Prehistoric Trackways	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Fort Stanton-Snowy River Cave NCA	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Kasha-Katuwe Tent Rocks	0.0	0.1	0.0	0.0	0.1	0.0	0.0
El Malpais NCA	0.1	0.1	0.0	0.0	0.1	0.0	0.0
Basin and Range	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Sloan Canyon NCA	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Black Rock Desert-High Rock Canyon Emigrant Trails NCA	0.1	0.1	0.0	0.0	0.1	0.0	0.0
Red Rock Canyon NCA	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Steens Mountain CMPA	0.0	0.1	0.0	0.0	0.1	0.1	0.1
Cascade-Siskiyou	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Yaquina Head ONA	0.1	0.1	0.0	0.0	0.1	0.0	0.0
Red Cliffs NCA	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Beaver Dam Wash NCA	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Grand Staircase-Escalante	0.0	0.1	0.0	0.0	0.1	0.0	0.1
San Juan Islands	0.1	0.1	0.0	0.0	0.1	0.0	0.0

Units	LocalDay	NLDay	LodgeIN	CampIN	LodgeOut	CampOut	Other
Steese NCA	0.0	0.1	0.0	0.0	0.2	0.0	0.1
Sonoran Desert	0.0	0.1	0.0	0.0	0.2	0.0	0.1
Las Cienegas NCA	0.0	0.1	0.0	0.0	0.2	0.0	0.1
Vermilion Cliffs	0.0	0.1	0.0	0.0	0.2	0.0	0.1
Ironwood Forest	0.0	0.1	0.0	0.0	0.2	0.0	0.1
Agua Fria	0.1	0.1	0.0	0.0	0.2	0.0	0.1
Grand Canyon-Parashant	0.0	0.1	0.0	0.0	0.2	0.0	0.1
Gila Box Riparian NCA	0.0	0.1	0.0	0.0	0.2	0.0	0.1
San Pedro Riparian NCA	0.1	0.1	0.0	0.0	0.2	0.0	0.1
Mojave Trails	0.1	0.1	0.0	0.0	0.2	0.0	0.1
Sand to Snow	0.0	0.2	0.0	0.1	0.1	0.0	0.1
Berryessa Snow Mountain	0.0	0.1	0.0	0.0	0.2	0.0	0.1
Fort Ord	0.1	0.1	0.0	0.0	0.2	0.0	0.1
Piedras Blancas Historic Light Station ONA	0.1	0.1	0.0	0.0	0.2	0.0	0.1
Carrizo Plain	0.0	0.1	0.0	0.0	0.2	0.0	0.1
Santa Rosa and San Jacinto Mountains	0.0	0.2	0.0	0.1	0.1	0.0	0.1
California Coastal	0.0	0.1	0.0	0.0	0.2	0.0	0.1
Headwaters Forest Reserve	0.0	0.1	0.0	0.0	0.2	0.0	0.1
King Range NCA	0.0	0.1	0.0	0.0	0.2	0.0	0.1
Browns Canyon	0.0	0.1	0.0	0.0	0.2	0.0	0.1
Dominguez-Escalante NCA	0.0	0.1	0.0	0.0	0.2	0.0	0.1
McInnis Canyons NCA	0.0	0.1	0.0	0.0	0.2	0.0	0.1
Canyons of the Ancients	0.0	0.1	0.0	0.0	0.2	0.0	0.1
Gunnison Gorge NCA	0.0	0.1	0.0	0.0	0.2	0.0	0.1
Jupiter Inlet Lighthouse ONA	0.1	0.1	0.0	0.0	0.2	0.0	0.1
Craters of the Moon	0.0	0.2	0.0	0.0	0.1	0.0	0.1
Morley Nelson Snake River Birds of Prey NCA	0.1	0.1	0.0	0.0	0.2	0.0	0.1
Pompeys Pillar	0.1	0.1	0.0	0.0	0.2	0.0	0.1
Upper Missouri River Breaks	0.1	0.1	0.0	0.0	0.1	0.0	0.1
Organ Mountains-Desert Peaks	0.0	0.1	0.0	0.0	0.1	0.0	0.1
Rio Grande del Norte	0.0	0.1	0.0	0.0	0.2	0.0	0.1
Prehistoric Trackways	0.0	0.1	0.0	0.0	0.1	0.0	0.1
Fort Stanton-Snowy River Cave NCA	0.0	0.1	0.0	0.0	0.1	0.0	0.1
Kasha-Katuwe Tent Rocks	0.0	0.1	0.0	0.0	0.2	0.0	0.1
El Malpais NCA	0.1	0.1	0.0	0.0	0.2	0.0	0.1
Basin and Range	0.0	0.1	0.0	0.0	0.2	0.0	0.1
Sloan Canyon NCA	0.1	0.1	0.0	0.0	0.1	0.0	0.1
Black Rock Desert-High Rock Canyon Emigrant Trails NCA	0.1	0.1	0.0	0.0	0.1	0.0	0.1
Red Rock Canyon NCA	0.1	0.1	0.0	0.0	0.1	0.0	0.1
Steens Mountain CMPA	0.0	0.1	0.0	0.0	0.2	0.2	0.1
Cascade-Siskiyou	0.0	0.1	0.0	0.0	0.2	0.0	0.1
Yaquina Head ONA	0.1	0.1	0.0	0.0	0.2	0.0	0.1
Red Cliffs NCA	0.0	0.1	0.0	0.0	0.2	0.0	0.1
Beaver Dam Wash NCA	0.1	0.1	0.0	0.0	0.1	0.0	0.1
Grand Staircase-Escalante	0.0	0.1	0.0	0.0	0.2	0.1	0.1
San Juan Islands	0.1	0.1	0.0	0.0	0.2	0.0	0.1

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Units	LocalDay	NLDay	LodgeIN	CampIN	LodgeOut	CampOut	Other	Total
Steese NCA	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
Sonoran Desert	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
Las Cienegas NCA	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
Vermilion Cliffs	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
Ironwood Forest	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
Agua Fria	0.0	0.0	0.0	0.0	16.9	0.0	0.0	16.9
Grand Canyon-Parashant	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
Gila Box Riparian NCA	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
San Pedro Riparian NCA	0.0	0.0	0.0	0.0	16.9	0.0	0.0	16.9
Mojave Trails	0.0	0.0	0.0	0.0	16.9	0.0	0.0	16.9
Sand to Snow	0.0	0.0	0.0	0.0	15.3	0.0	0.0	15.3
Berryessa Snow Mountain	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
Fort Ord	0.0	0.0	0.0	0.0	16.9	0.0	0.0	16.9
Piedras Blancas Historic Light Station ONA	0.0	0.0	0.0	0.0	16.9	0.0	0.0	16.9
Carrizo Plain	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
Santa Rosa and San Jacinto Mountains	0.0	0.0	0.0	0.0	15.3	0.0	0.0	15.3
California Coastal	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
Headwaters Forest Reserve	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
King Range NCA	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
Browns Canyon	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
Dominguez-Escalante NCA	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
McInnis Canyons NCA	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
Canyons of the Ancients	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
Gunnison Gorge NCA	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
Jupiter Inlet Lighthouse ONA	0.0	0.0	0.0	0.0	16.9	0.0	0.0	16.9
Craters of the Moon	0.0	0.0	0.0	0.0	7.4	0.0	0.0	7.4
Morley Nelson Snake River Birds of Prey NCA	0.0	0.0	0.0	0.0	16.9	0.0	0.0	16.9
Pompeys Pillar	0.0	0.0	0.0	0.0	16.9	0.0	0.0	16.9
Upper Missouri River Breaks	0.0	0.0	0.0	0.0	10.7	0.0	0.0	10.7
Organ Mountains-Desert Peaks	0.0	0.0	0.0	0.0	14.7	0.0	0.0	14.7
Rio Grande del Norte	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
Prehistoric Trackways	0.0	0.0	0.0	0.0	14.7	0.0	0.0	14.7
Fort Stanton-Snowy River Cave NCA	0.0	0.0	0.0	0.0	14.7	0.0	0.0	14.7
Kasha-Katuwe Tent Rocks	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
El Malpais NCA	0.0	0.0	0.0	0.0	16.9	0.0	0.0	16.9
Basin and Range	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
Sloan Canyon NCA	0.0	0.0	0.0	0.0	10.7	0.0	0.0	10.7
Black Rock Desert-High Rock Canyon Emigrant Trails NCA	0.0	0.0	0.0	0.3	8.7	0.0	0.0	9.0
Red Rock Canyon NCA	0.0	0.0	0.0	0.0	10.7	0.0	0.0	10.7
Steens Mountain CMPA	0.0	0.0	0.0	0.0	13.5	0.3	0.0	13.8
Cascade-Siskiyou	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
Yaquina Head ONA	0.0	0.0	0.0	0.0	16.9	0.0	0.0	16.9
Red Cliffs NCA	0.0	0.0	0.0	0.0	19.0	0.0	0.0	19.0
Beaver Dam Wash NCA	0.0	0.0	0.0	0.0	10.7	0.0	0.0	10.7
Grand Staircase-Escalante	0.0	0.0	0.0	0.3	22.5	0.0	0.0	22.7
San Juan Islands	0.0	0.0	0.0	0.0	16.9	0.0	0.0	16.9

Units	LocalDay	NLDay	LodgeIN	CampIN	LodgeOut	CampOut	Other	Total
Steese NCA	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
Sonoran Desert	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
Las Cienegas NCA	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
Vermilion Cliffs	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
Ironwood Forest	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
Agua Fria	0.0	0.0	0.0	0.0	0.1	1.4	0.0	1.6
Grand Canyon-Parashant	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
Gila Box Riparian NCA	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
San Pedro Riparian NCA	0.0	0.0	0.0	0.0	0.1	1.4	0.0	1.6
Mojave Trails	0.0	0.0	0.0	0.0	0.1	1.4	0.0	1.6
Sand to Snow	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0
Berryessa Snow Mountain	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
Fort Ord	0.0	0.0	0.0	0.0	0.1	1.4	0.0	1.6
Piedras Blancas Historic Light Station ONA	0.0	0.0	0.0	0.0	0.1	1.4	0.0	1.6
Carrizo Plain	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
Santa Rosa and San Jacinto Mountains	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0
California Coastal	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
Headwaters Forest Reserve	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
King Range NCA	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
Browns Canyon	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
Dominguez-Escalante NCA	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
McInnis Canyons NCA	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
Canyons of the Ancients	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
Gunnison Gorge NCA	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
Jupiter Inlet Lighthouse ONA	0.0	0.0	0.0	0.0	0.1	1.4	0.0	1.6
Craters of the Moon	0.0	0.0	0.0	0.2	0.3	0.8	0.0	1.3
Morley Nelson Snake River Birds of Prey NCA	0.0	0.0	0.0	0.0	0.1	1.4	0.0	1.6
Pompeys Pillar	0.0	0.0	0.0	0.0	0.1	1.4	0.0	1.6
Upper Missouri River Breaks	0.0	0.0	0.0	0.3	0.0	1.3	0.0	1.6
Organ Mountains-Desert Peaks	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3
Rio Grande del Norte	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
Prehistoric Trackways	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3
Fort Stanton-Snowy River Cave NCA	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3
Kasha-Katuwe Tent Rocks	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
El Malpais NCA	0.0	0.0	0.0	0.0	0.1	1.4	0.0	1.6
Basin and Range	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
Sloan Canyon NCA	0.0	0.0	0.0	0.3	0.0	1.3	0.0	1.6
Black Rock Desert-High Rock Canyon Emigrant Trails NCA	0.0	0.0	0.0	0.4	0.1	0.0	0.4	0.9
Red Rock Canyon NCA	0.0	0.0	0.0	0.3	0.0	1.3	0.0	1.6
Steens Mountain CMPA	0.0	0.0	0.0	0.0	0.0	2.3	0.0	2.3
Cascade-Siskiyou	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
Yaquina Head ONA	0.0	0.0	0.0	0.0	0.1	1.4	0.0	1.6
Red Cliffs NCA	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.4
Beaver Dam Wash NCA	0.0	0.0	0.0	0.3	0.0	1.3	0.0	1.6
Grand Staircase-Escalante	0.0	0.0	0.0	0.4	0.2	1.5	0.0	2.1
San Juan Islands	0.0	0.0	0.0	0.0	0.1	1.4	0.0	1.6

Units	LocalDay	NLDay	LodgeIN	CampIN	LodgeOut	CampOut	Other	Total
Steese NCA	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
Sonoran Desert	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
Las Cienegas NCA	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
Vermilion Cliffs	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
Ironwood Forest	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
Agua Fria	0.7	1.8	0.0	0.0	7.9	0.8	1.0	12.2
Grand Canyon-Parashant	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
Gila Box Riparian NCA	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
San Pedro Riparian NCA	0.7	1.8	0.0	0.0	7.9	0.8	1.0	12.2
Mojave Trails	0.7	1.8	0.0	0.0	7.9	0.8	1.0	12.2
Sand to Snow	0.1	1.4	0.0	0.4	5.6	0.0	0.2	7.7
Berryessa Snow Mountain	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
Fort Ord	0.7	1.8	0.0	0.0	7.9	0.8	1.0	12.2
Piedras Blancas Historic Light Station ONA	0.7	1.8	0.0	0.0	7.9	0.8	1.0	12.2
Carrizo Plain	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
Santa Rosa and San Jacinto Mountains	0.1	1.4	0.0	0.4	5.6	0.0	0.2	7.7
California Coastal	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
Headwaters Forest Reserve	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
King Range NCA	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
Browns Canyon	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
Dominguez-Escalante NCA	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
McInnis Canyons NCA	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
Canyons of the Ancients	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
Gunnison Gorge NCA	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
Jupiter Inlet Lighthouse ONA	0.7	1.8	0.0	0.0	7.9	0.8	1.0	12.2
Craters of the Moon	0.1	0.9	0.0	0.1	3.9	0.4	0.3	5.6
Morley Nelson Snake River Birds of Prey NCA	0.7	1.8	0.0	0.0	7.9	0.8	1.0	12.2
Pompeys Pillar	0.7	1.8	0.0	0.0	7.9	0.8	1.0	12.2
Upper Missouri River Breaks	1.3	1.7	0.0	0.3	3.8	0.6	1.0	8.7
Organ Mountains-Desert Peaks	0.1	2.2	0.0	0.0	6.5	0.3	0.6	9.6
Rio Grande del Norte	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
Prehistoric Trackways	0.1	2.2	0.0	0.0	6.5	0.3	0.6	9.6
Fort Stanton-Snowy River Cave NCA	0.1	2.2	0.0	0.0	6.5	0.3	0.6	9.6
Kasha-Katuwe Tent Rocks	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
El Malpais NCA	0.7	1.8	0.0	0.0	7.9	0.8	1.0	12.2
Basin and Range	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
Sloan Canyon NCA	1.3	1.7	0.0	0.3	3.8	0.6	1.0	8.7
Black Rock Desert-High Rock Canyon Emigrant Trails NCA	0.0	0.9	0.0	0.3	3.9	0.0	1.0	6.1
Red Rock Canyon NCA	1.3	1.7	0.0	0.3	3.8	0.6	1.0	8.7
Steens Mountain CMPA	0.1	0.9	0.0	0.0	6.8	1.8	0.7	10.4
Cascade-Siskiyou	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
Yaquina Head ONA	0.7	1.8	0.0	0.0	7.9	0.8	1.0	12.2
Red Cliffs NCA	0.1	1.5	0.0	0.2	8.1	0.4	0.6	10.9
Beaver Dam Wash NCA	1.3	1.7	0.0	0.3	3.8	0.6	1.0	8.7
Grand Staircase-Escalante	0.0	0.5	0.0	0.4	10.6	0.4	0.5	12.5
San Juan Islands	0.7	1.8	0.0	0.0	7.9	0.8	1.0	12.2

Units	LocalDay	NLDay	LodgeIN	CampIN	LodgeOut	CampOut	Other	Total
Steese NCA	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
Sonoran Desert	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
Las Cienegas NCA	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
Vermilion Cliffs	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
Ironwood Forest	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
Agua Fria	0.2	0.5	0.0	0.0	1.2	0.6	0.4	2.9
Grand Canyon-Parashant	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
Gila Box Riparian NCA	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
San Pedro Riparian NCA	0.2	0.5	0.0	0.0	1.2	0.6	0.4	2.9
Mojave Trails	0.2	0.5	0.0	0.0	1.2	0.6	0.4	2.9
Sand to Snow	0.0	0.7	0.0	0.9	1.7	0.0	0.1	3.4
Berryessa Snow Mountain	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
Fort Ord	0.2	0.5	0.0	0.0	1.2	0.6	0.4	2.9
Piedras Blancas Historic Light Station ONA	0.2	0.5	0.0	0.0	1.2	0.6	0.4	2.9
Carrizo Plain	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
Santa Rosa and San Jacinto Mountains	0.0	0.7	0.0	0.9	1.7	0.0	0.1	3.4
California Coastal	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
Headwaters Forest Reserve	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
King Range NCA	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
Browns Canyon	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
Dominguez-Escalante NCA	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
McInnis Canyons NCA	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
Canyons of the Ancients	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
Gunnison Gorge NCA	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
Jupiter Inlet Lighthouse ONA	0.2	0.5	0.0	0.0	1.2	0.6	0.4	2.9
Craters of the Moon	0.1	0.4	0.0	0.1	0.7	0.3	0.2	1.9
Morley Nelson Snake River Birds of Prey NCA	0.2	0.5	0.0	0.0	1.2	0.6	0.4	2.9
Pompeys Pillar	0.2	0.5	0.0	0.0	1.2	0.6	0.4	2.9
Upper Missouri River Breaks	1.0	1.0	0.0	0.5	1.8	0.5	1.2	5.9
Organ Mountains-Desert Peaks	0.2	1.3	0.0	0.0	0.9	0.2	0.3	2.9
Rio Grande del Norte	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
Prehistoric Trackways	0.2	1.3	0.0	0.0	0.9	0.2	0.3	2.9
Fort Stanton-Snowy River Cave NCA	0.2	1.3	0.0	0.0	0.9	0.2	0.3	2.9
Kasha-Katuwe Tent Rocks	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
El Malpais NCA	0.2	0.5	0.0	0.0	1.2	0.6	0.4	2.9
Basin and Range	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
Sloan Canyon NCA	1.0	1.0	0.0	0.5	1.8	0.5	1.2	5.9
Black Rock Desert-High Rock Canyon Emigrant Trails NCA	0.3	1.0	0.0	0.4	1.0	0.0	1.3	4.1
Red Rock Canyon NCA	1.0	1.0	0.0	0.5	1.8	0.5	1.2	5.9
Steens Mountain CMPA	0.1	0.5	0.0	0.0	1.2	1.4	0.6	3.8
Cascade-Siskiyou	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
Yaquina Head ONA	0.2	0.5	0.0	0.0	1.2	0.6	0.4	2.9
Red Cliffs NCA	0.1	0.7	0.0	0.3	1.9	0.4	0.6	4.0
Beaver Dam Wash NCA	1.0	1.0	0.0	0.5	1.8	0.5	1.2	5.9
Grand Staircase-Escalante	0.0	0.5	0.0	0.3	2.2	0.7	0.2	4.0
San Juan Islands	0.2	0.5	0.0	0.0	1.2	0.6	0.4	2.9

Units	LocalDay	NLDay	LodgeIN	CampIN	LodgeOut	CampOut	Other	Total
Steese NCA	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
Sonoran Desert	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
Las Cienegas NCA	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
Vermilion Cliffs	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
Ironwood Forest	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
Agua Fria	0.4	1.5	0.0	0.0	3.5	1.1	0.9	7.4
Grand Canyon-Parashant	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
Gila Box Riparian NCA	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
San Pedro Riparian NCA	0.4	1.5	0.0	0.0	3.5	1.1	0.9	7.4
Mojave Trails	0.4	1.5	0.0	0.0	3.5	1.1	0.9	7.4
Sand to Snow	0.3	2.4	0.0	1.3	2.3	0.0	0.5	6.8
Berryessa Snow Mountain	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
Fort Ord	0.4	1.5	0.0	0.0	3.5	1.1	0.9	7.4
Piedras Blancas Historic Light Station ONA	0.4	1.5	0.0	0.0	3.5	1.1	0.9	7.4
Carrizo Plain	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
Santa Rosa and San Jacinto Mountains	0.3	2.4	0.0	1.3	2.3	0.0	0.5	6.8
California Coastal	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
Headwaters Forest Reserve	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
King Range NCA	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
Browns Canyon	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
Dominguez-Escalante NCA	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
McInnis Canyons NCA	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
Canyons of the Ancients	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
Gunnison Gorge NCA	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
Jupiter Inlet Lighthouse ONA	0.4	1.5	0.0	0.0	3.5	1.1	0.9	7.4
Craters of the Moon	0.2	2.1	0.0	0.3	2.0	1.0	0.7	6.3
Morley Nelson Snake River Birds of Prey NCA	0.4	1.5	0.0	0.0	3.5	1.1	0.9	7.4
Pompeys Pillar	0.4	1.5	0.0	0.0	3.5	1.1	0.9	7.4
Upper Missouri River Breaks	1.3	1.4	0.0	0.3	1.8	0.6	0.9	6.2
Organ Mountains-Desert Peaks	0.1	2.9	0.0	0.0	4.5	0.7	0.5	8.8
Rio Grande del Norte	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
Prehistoric Trackways	0.1	2.9	0.0	0.0	4.5	0.7	0.5	8.8
Fort Stanton-Snowy River Cave NCA	0.1	2.9	0.0	0.0	4.5	0.7	0.5	8.8
Kasha-Katuwe Tent Rocks	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
El Malpais NCA	0.4	1.5	0.0	0.0	3.5	1.1	0.9	7.4
Basin and Range	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
Sloan Canyon NCA	1.3	1.4	0.0	0.3	1.8	0.6	0.9	6.2
Black Rock Desert-High Rock Canyon Emigrant Trails NCA	0.5	3.7	0.0	0.8	2.8	0.0	2.0	9.9
Red Rock Canyon NCA	1.3	1.4	0.0	0.3	1.8	0.6	0.9	6.2
Steens Mountain CMPA	0.3	1.1	0.0	0.0	3.4	3.1	0.8	8.6
Cascade-Siskiyou	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
Yaquina Head ONA	0.4	1.5	0.0	0.0	3.5	1.1	0.9	7.4
Red Cliffs NCA	0.2	2.0	0.0	0.4	4.3	1.0	0.9	8.8
Beaver Dam Wash NCA	1.3	1.4	0.0	0.3	1.8	0.6	0.9	6.2
Grand Staircase-Escalante	0.1	1.4	0.0	0.8	5.9	1.5	0.7	10.3
San Juan Islands	0.4	1.5	0.0	0.0	3.5	1.1	0.9	7.4

Units	LocalDay	NLDay	LodgeIN	CampIN	LodgeOut	CampOut	Other	Total
Steese NCA	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
Sonoran Desert	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
Las Cienegas NCA	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
Vermilion Cliffs	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
Ironwood Forest	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
Agua Fria	0.1	0.3	0.0	0.0	1.1	0.1	0.3	1.9
Grand Canyon-Parashant	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
Gila Box Riparian NCA	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
San Pedro Riparian NCA	0.1	0.3	0.0	0.0	1.1	0.1	0.3	1.9
Mojave Trails	0.1	0.3	0.0	0.0	1.1	0.1	0.3	1.9
Sand to Snow	0.0	1.6	0.0	0.0	1.7	0.0	0.0	3.3
Berryessa Snow Mountain	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
Fort Ord	0.1	0.3	0.0	0.0	1.1	0.1	0.3	1.9
Piedras Blancas Historic Light Station ONA	0.1	0.3	0.0	0.0	1.1	0.1	0.3	1.9
Carrizo Plain	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
Santa Rosa and San Jacinto Mountains	0.0	1.6	0.0	0.0	1.7	0.0	0.0	3.3
California Coastal	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
Headwaters Forest Reserve	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
King Range NCA	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
Browns Canyon	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
Dominguez-Escalante NCA	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
McInnis Canyons NCA	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
Canyons of the Ancients	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
Gunnison Gorge NCA	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
Jupiter Inlet Lighthouse ONA	0.1	0.3	0.0	0.0	1.1	0.1	0.3	1.9
Craters of the Moon	0.0	1.2	0.0	0.1	1.6	0.0	0.1	2.9
Morley Nelson Snake River Birds of Prey NCA	0.1	0.3	0.0	0.0	1.1	0.1	0.3	1.9
Pompeys Pillar	0.1	0.3	0.0	0.0	1.1	0.1	0.3	1.9
Upper Missouri River Breaks	0.1	0.2	0.0	0.0	0.2	0.1	0.1	0.7
Organ Mountains-Desert Peaks	0.0	0.4	0.0	0.0	1.4	0.0	0.2	2.0
Rio Grande del Norte	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
Prehistoric Trackways	0.0	0.4	0.0	0.0	1.4	0.0	0.2	2.0
Fort Stanton-Snowy River Cave NCA	0.0	0.4	0.0	0.0	1.4	0.0	0.2	2.0
Kasha-Katuwe Tent Rocks	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
El Malpais NCA	0.1	0.3	0.0	0.0	1.1	0.1	0.3	1.9
Basin and Range	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
Sloan Canyon NCA	0.1	0.2	0.0	0.0	0.2	0.1	0.1	0.7
Black Rock Desert-High Rock Canyon Emigrant Trails NCA	0.1	0.2	0.0	0.1	0.6	0.0	1.4	2.4
Red Rock Canyon NCA	0.1	0.2	0.0	0.0	0.2	0.1	0.1	0.7
Steens Mountain CMPA	0.0	0.0	0.0	0.0	0.3	0.0	0.2	0.5
Cascade-Siskiyou	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
Yaquina Head ONA	0.1	0.3	0.0	0.0	1.1	0.1	0.3	1.9
Red Cliffs NCA	0.0	0.4	0.0	0.1	2.4	0.1	0.3	3.3
Beaver Dam Wash NCA	0.1	0.2	0.0	0.0	0.2	0.1	0.1	0.7
Grand Staircase-Escalante	0.0	0.1	0.0	0.0	3.8	0.3	0.2	4.5
San Juan Islands	0.1	0.3	0.0	0.0	1.1	0.1	0.3	1.9

Units	LocalDay	NLDay	LodgeIN	CampIN	LodgeOut	CampOut	Other	Total
Steese NCA	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
Sonoran Desert	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
Las Cienegas NCA	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
Vermilion Cliffs	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
Ironwood Forest	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
Agua Fria	0.5	1.2	0.0	0.0	2.3	0.4	0.5	4.8
Grand Canyon-Parashant	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
Gila Box Riparian NCA	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
San Pedro Riparian NCA	0.5	1.2	0.0	0.0	2.3	0.4	0.5	4.8
Mojave Trails	0.5	1.2	0.0	0.0	2.3	0.4	0.5	4.8
Sand to Snow	0.0	1.4	0.0	0.3	1.0	0.0	0.1	2.8
Berryessa Snow Mountain	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
Fort Ord	0.5	1.2	0.0	0.0	2.3	0.4	0.5	4.8
Piedras Blancas Historic Light Station ONA	0.5	1.2	0.0	0.0	2.3	0.4	0.5	4.8
Carrizo Plain	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
Santa Rosa and San Jacinto Mountains	0.0	1.4	0.0	0.3	1.0	0.0	0.1	2.8
California Coastal	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
Headwaters Forest Reserve	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
King Range NCA	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
Browns Canyon	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
Dominguez-Escalante NCA	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
McInnis Canyons NCA	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
Canyons of the Ancients	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
Gunnison Gorge NCA	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
Jupiter Inlet Lighthouse ONA	0.5	1.2	0.0	0.0	2.3	0.4	0.5	4.8
Craters of the Moon	0.1	1.0	0.0	0.1	0.8	0.2	0.5	2.6
Morley Nelson Snake River Birds of Prey NCA	0.5	1.2	0.0	0.0	2.3	0.4	0.5	4.8
Pompeys Pillar	0.5	1.2	0.0	0.0	2.3	0.4	0.5	4.8
Upper Missouri River Breaks	0.3	0.7	0.0	0.2	1.0	0.3	0.3	2.9
Organ Mountains-Desert Peaks	0.2	1.3	0.0	0.0	0.8	0.0	0.2	2.5
Rio Grande del Norte	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
Prehistoric Trackways	0.2	1.3	0.0	0.0	0.8	0.0	0.2	2.5
Fort Stanton-Snowy River Cave NCA	0.2	1.3	0.0	0.0	0.8	0.0	0.2	2.5
Kasha-Katuwe Tent Rocks	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
El Malpais NCA	0.5	1.2	0.0	0.0	2.3	0.4	0.5	4.8
Basin and Range	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
Sloan Canyon NCA	0.3	0.7	0.0	0.2	1.0	0.3	0.3	2.9
Black Rock Desert-High Rock Canyon Emigrant Trails NCA	0.2	1.1	0.0	0.2	0.7	0.0	0.3	2.5
Red Rock Canyon NCA	0.3	0.7	0.0	0.2	1.0	0.3	0.3	2.9
Steens Mountain CMPA	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.4
Cascade-Siskiyou	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
Yaquina Head ONA	0.5	1.2	0.0	0.0	2.3	0.4	0.5	4.8
Red Cliffs NCA	0.1	1.1	0.0	0.1	2.3	0.3	0.3	4.3
Beaver Dam Wash NCA	0.3	0.7	0.0	0.2	1.0	0.3	0.3	2.9
Grand Staircase-Escalante	0.0	0.3	0.0	0.2	1.7	0.3	0.2	2.6
San Juan Islands	0.5	1.2	0.0	0.0	2.3	0.4	0.5	4.8

Units	LocalDay	NLDay	LodgeIN	CampIN	LodgeOut	CampOut	Other	Total
Steese NCA	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
Sonoran Desert	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
Las Cienegas NCA	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
Vermilion Cliffs	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
Ironwood Forest	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
Agua Fria	0.5	1.8	0.0	0.0	3.1	0.5	0.7	6.6
Grand Canyon-Parashant	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
Gila Box Riparian NCA	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
San Pedro Riparian NCA	0.5	1.8	0.0	0.0	3.1	0.5	0.7	6.6
Mojave Trails	0.5	1.8	0.0	0.0	3.1	0.5	0.7	6.6
Sand to Snow	0.0	1.3	0.0	0.4	1.2	0.0	0.1	3.0
Berryessa Snow Mountain	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
Fort Ord	0.5	1.8	0.0	0.0	3.1	0.5	0.7	6.6
Piedras Blancas Historic Light Station ONA	0.5	1.8	0.0	0.0	3.1	0.5	0.7	6.6
Carrizo Plain	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
Santa Rosa and San Jacinto Mountains	0.0	1.3	0.0	0.4	1.2	0.0	0.1	3.0
California Coastal	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
Headwaters Forest Reserve	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
King Range NCA	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
Browns Canyon	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
Dominguez-Escalante NCA	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
McInnis Canyons NCA	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
Canyons of the Ancients	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
Gunnison Gorge NCA	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
Jupiter Inlet Lighthouse ONA	0.5	1.8	0.0	0.0	3.1	0.5	0.7	6.6
Craters of the Moon	0.1	1.1	0.0	0.1	0.9	0.4	0.6	3.2
Morley Nelson Snake River Birds of Prey NCA	0.5	1.8	0.0	0.0	3.1	0.5	0.7	6.6
Pompeys Pillar	0.5	1.8	0.0	0.0	3.1	0.5	0.7	6.6
Upper Missouri River Breaks	0.3	0.7	0.0	0.2	1.2	0.4	0.4	3.3
Organ Mountains-Desert Peaks	0.2	3.6	0.0	0.0	2.9	0.2	1.1	8.0
Rio Grande del Norte	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
Prehistoric Trackways	0.2	3.6	0.0	0.0	2.9	0.2	1.1	8.0
Fort Stanton-Snowy River Cave NCA	0.2	3.6	0.0	0.0	2.9	0.2	1.1	8.0
Kasha-Katuwe Tent Rocks	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
El Malpais NCA	0.5	1.8	0.0	0.0	3.1	0.5	0.7	6.6
Basin and Range	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
Sloan Canyon NCA	0.3	0.7	0.0	0.2	1.2	0.4	0.4	3.3
Black Rock Desert-High Rock Canyon Emigrant Trails NCA	0.1	1.4	0.0	0.3	0.6	0.0	0.5	2.8
Red Rock Canyon NCA	0.3	0.7	0.0	0.2	1.2	0.4	0.4	3.3
Steens Mountain CMPA	0.1	0.9	0.0	0.0	0.8	0.7	0.2	2.7
Cascade-Siskiyou	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
Yaquina Head ONA	0.5	1.8	0.0	0.0	3.1	0.5	0.7	6.6
Red Cliffs NCA	0.1	1.4	0.0	0.3	3.0	0.4	0.6	5.8
Beaver Dam Wash NCA	0.3	0.7	0.0	0.2	1.2	0.4	0.4	3.3
Grand Staircase-Escalante	0.0	0.2	0.0	0.3	3.0	0.6	0.6	4.7
San Juan Islands	0.5	1.8	0.0	0.0	3.1	0.5	0.7	6.6

Units	LocalDay	NLDay	LodgeIN	CampIN	LodgeOut	CampOut	Other	All
Steese NCA	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
Sonoran Desert	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
Las Cienegas NCA	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
Vermilion Cliffs	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
Ironwood Forest	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
Agua Fria	2.4	7.1	0.0	0.0	36.0	4.9	3.8	54.2
Grand Canyon-Parashant	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
Gila Box Riparian NCA	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
San Pedro Riparian NCA	2.4	7.1	0.0	0.0	36.0	4.9	3.8	54.2
Mojave Trails	2.4	7.1	0.0	0.0	36.0	4.9	3.8	54.2
Sand to Snow	0.4	8.8	0.0	4.2	28.9	0.0	1.1	43.4
Berryessa Snow Mountain	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
Fort Ord	2.4	7.1	0.0	0.0	36.0	4.9	3.8	54.2
Piedras Blancas Historic Light Station ONA	2.4	7.1	0.0	0.0	36.0	4.9	3.8	54.2
Carrizo Plain	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
Santa Rosa and San Jacinto Mountains	0.4	8.8	0.0	4.2	28.9	0.0	1.1	43.4
California Coastal	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
Headwaters Forest Reserve	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
King Range NCA	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
Browns Canyon	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
Dominguez-Escalante NCA	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
McInnis Canyons NCA	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
Canyons of the Ancients	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
Gunnison Gorge NCA	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
Jupiter Inlet Lighthouse ONA	2.4	7.1	0.0	0.0	36.0	4.9	3.8	54.2
Craters of the Moon	0.4	6.8	0.0	0.9	17.7	3.1	2.3	31.2
Morley Nelson Snake River Birds of Prey NCA	2.4	7.1	0.0	0.0	36.0	4.9	3.8	54.2
Pompeys Pillar	2.4	7.1	0.0	0.0	36.0	4.9	3.8	54.2
Upper Missouri River Breaks	4.4	5.6	0.0	1.8	20.5	3.8	3.9	40.2
Organ Mountains-Desert Peaks	0.7	11.8	0.0	0.0	31.8	1.7	2.8	48.8
Rio Grande del Norte	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
Prehistoric Trackways	0.7	11.8	0.0	0.0	31.8	1.7	2.8	48.8
Fort Stanton-Snowy River Cave NCA	0.7	11.8	0.0	0.0	31.8	1.7	2.8	48.8
Kasha-Katuwe Tent Rocks	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
El Malpais NCA	2.4	7.1	0.0	0.0	36.0	4.9	3.8	54.2
Basin and Range	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
Sloan Canyon NCA	4.4	5.6	0.0	1.8	20.5	3.8	3.9	40.2
Black Rock Desert-High Rock Canyon Emigrant Trails NCA	1.3	8.4	0.0	2.7	18.5	0.0	6.8	37.7
Red Rock Canyon NCA	4.4	5.6	0.0	1.8	20.5	3.8	3.9	40.2
Steens Mountain CMPA	0.6	3.5	0.0	0.0	26.2	9.7	2.5	42.5
Cascade-Siskiyou	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
Yaquina Head ONA	2.4	7.1	0.0	0.0	36.0	4.9	3.8	54.2
Red Cliffs NCA	0.7	7.1	0.0	1.8	41.1	3.6	3.2	57.5
Beaver Dam Wash NCA	4.4	5.6	0.0	1.8	20.5	3.8	3.9	40.2
Grand Staircase-Escalante	0.2	2.9	0.0	2.7	49.9	5.2	2.5	63.4
San Juan Islands	2.4	7.1	0.0	0.0	36.0	4.9	3.8	54.2

Units	LocalDay	NLDay	LodgeIN	CampIN	LodgeOut	CampOut	Other	All	2013	2014	2015	Sort
Steese NCA	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6	30764	9204	7115	1
									30764	9204	7115	1
									30764	9204	7115	1
									30764	9204	7115	1
Sonoran Desert	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6	26835	26560	29894	2
									26835	26560	29894	2
									26835	26560	29894	2
									26835	26560	29894	2
Las Cienegas NCA	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6	23117	25240	25499	3
									23117	25240	25499	3
									23117	25240	25499	3
									23117	25240	25499	3
Vermilion Cliffs	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6	119555	168917	160568	4
									119555	168917	160568	4
									119555	168917	160568	4
									119555	168917	160568	4
Ironwood Forest	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6	30373	43640	47435	5
									30373	43640	47435	5
									30373	43640	47435	5
									30373	43640	47435	5
Agua Fria	15.0	17.9	0.0	0.0	142.2	80.8	29.7	285.7	86324	78431	79500	6
									86324	78431	79500	6
									86324	78431	79500	6
									86324	78431	79500	6
Grand Canyon-Parashant	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6	86745	90631	31188	7
									86745	90631	31188	7
									86745	90631	31188	7
									86745	90631	31188	7
Gila Box Riparian NCA	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6	39220	39979	35523	8
									39220	39979	35523	8
									39220	39979	35523	8
									39220	39979	35523	8
San Pedro Riparian NCA	15.0	17.9	0.0	0.0	142.2	80.8	29.7	285.7	137859	140001	144741	9
									137859	140001	144741	9
									137859	140001	144741	9
									137859	140001	144741	9
Mojave Trails	15.0	17.9	0.0	0.0	142.2	80.8	29.7	285.7				10
												10
												10
												10
Sand to Snow	4.7	20.5	0.0	27.9	120.5	0.0	11.2	184.9				11
												11
												11
												11
Berryessa Snow Mountain	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6				12
												12
												12
												12
Fort Ord	15.0	17.9	0.0	0.0	142.2	80.8	29.7	285.7	167091	189735	499112	13
									167091	189735	499112	13
									167091	189735	499112	13
									167091	189735	499112	13
Piedras Blancas Historic Light Station ONA	15.0	17.9	0.0	0.0	142.2	80.8	29.7	285.7	7616	6711	6106	14
									7616	6711	6106	14
									7616	6711	6106	14
									7616	6711	6106	14
Carrizo Plain	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6	22596	61148	54253	15
									22596	61148	54253	15
									22596	61148	54253	15
									22596	61148	54253	15
Santa Rosa and San Jacinto Mountains	4.7	20.5	0.0	27.9	120.5	0.0	11.2	184.9	259285	236898	230173	16
									259285	236898	230173	16
									259285	236898	230173	16
									259285	236898	230173	16
California Coastal	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6	37100	36500	15000	17
									37100	36500	15000	17
									37100	36500	15000	17
									37100	36500	15000	17
Headwaters Forest Reserve	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6	35400	33245	33810	18
									35400	33245	33810	18
									35400	33245	33810	18
									35400	33245	33810	18
King Range NCA	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6	101961	95286	104189	19
									101961	95286	104189	19
									101961	95286	104189	19
									101961	95286	104189	19
Browns Canyon	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6	-	-	-	20
												20
												20

												20
Dominguez-Escalante NCA	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6	48986	98705	92567	21
									48986	98705	92567	21
									48986	98705	92567	21
									48986	98705	92567	21
McInnis Canyons NCA	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6	261133	295491	283063	22
									261133	295491	283063	22
									261133	295491	283063	22
									261133	295491	283063	22
Canyons of the Ancients	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6	67000	76252	68497	23
									67000	76252	68497	23
									67000	76252	68497	23
									67000	76252	68497	23
Gunnison Gorge NCA	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6	198202	172688	182575	24
									198202	172688	182575	24
									198202	172688	182575	24
									198202	172688	182575	24
Jupiter Inlet Lighthouse ONA	15.0	17.9	0.0	0.0	142.2	80.8	29.7	285.7	77300	70020	67931	25
									77300	70020	67931	25
									77300	70020	67931	25
									77300	70020	67931	25
Craters of the Moon	8.6	13.1	0.0	21.7	98.6	51.2	15.6	208.8	3276	3715	3654	26
									3276	3715	3654	26
									3276	3715	3654	26
									3276	3715	3654	26
Morley Nelson Snake River Birds of Prey NCA	15.0	17.9	0.0	0.0	142.2	80.8	29.7	285.7	195247	196270	197235	27
									195247	196270	197235	27
									195247	196270	197235	27
									195247	196270	197235	27
Pompeys Pillar	15.0	17.9	0.0	0.0	142.2	80.8	29.7	285.7	32000	44000	32000	28
									32000	44000	32000	28
									32000	44000	32000	28
									32000	44000	32000	28
Upper Missouri River Breaks	14.8	21.3	0.0	31.8	125.9	60.8	25.3	279.8	17746	56106	24699	29
									17746	56106	24699	29
									17746	56106	24699	29
									17746	56106	24699	29
Organ Mountains-Desert Peaks	8.8	25.9	0.0	0.0	114.7	37.2	19.9	206.5	-	-	-	30
									-	-	-	30
									-	-	-	30
									-	-	-	30
Rio Grande del Norte	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6	-	-	-	31
									-	-	-	31
									-	-	-	31
									-	-	-	31
Prehistoric Trackways	8.8	25.9	0.0	0.0	114.7	37.2	19.9	206.5				31
												32
												32
												32
Fort Stanton-Snowy River Cave NCA	8.8	25.9	0.0	0.0	114.7	37.2	19.9	206.5	32647	5082	25778	33
									32647	5082	25778	33
									32647	5082	25778	33
									32647	5082	25778	33
Kasha-Katuwe Tent Rocks	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6	222946	222946	366400	34
									222946	222946	366400	34
									222946	222946	366400	34
									222946	222946	366400	34
El Malpais NCA	15.0	17.9	0.0	0.0	142.2	80.8	29.7	285.7	115642	171411	173043	35
									115642	171411	173043	35
									115642	171411	173043	35
									115642	171411	173043	35
Basin and Range	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6				36
												36
												36
												36
Sloan Canyon NCA	14.8	21.3	0.0	31.8	125.9	60.8	25.3	279.8	55684	85362	136125	37
									55684	85362	136125	37
									55684	85362	136125	37
									55684	85362	136125	37
Black Rock Desert-High Rock Canyon Emigrant Trails NCA	9.0	20.9	0.0	33.8	80.2	0.0	48.7	192.7	154977	116857	128723	38
									154977	116857	128723	38
									154977	116857	128723	38
									154977	116857	128723	38
Red Rock Canyon NCA	14.8	21.3	0.0	31.8	125.9	60.8	25.3	279.8	1019209	2705707	1753250	39
									1019209	2705707	1753250	39
									1019209	2705707	1753250	39
									1019209	2705707	1753250	39
Steens Mountain CMPA	10.4	9.8	0.0	0.0	107.0	52.9	15.6	195.7	190784	221939	248146	40
									190784	221939	248146	40
									190784	221939	248146	40
									190784	221939	248146	40
Cascade-Siskiyou	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6	162354	130332	121058	41

									162354	130332	121058	41
									162354	130332	121058	41
									162354	130332	121058	41
Yaquina Head ONA	15.0	17.9	0.0	0.0	142.2	80.8	29.7	285.7	327901	308709	313000	42
									327901	308709	313000	42
									327901	308709	313000	42
									327901	308709	313000	42
Red Cliffs NCA	12.3	20.4	0.0	31.0	121.4	67.9	22.5	275.6	139391	130276	130031	43
									139391	130276	130031	43
									139391	130276	130031	43
									139391	130276	130031	43
Beaver Dam Wash NCA	14.8	21.3	0.0	31.8	125.9	60.8	25.3	279.8	10544	12009	10145	44
									10544	12009	10145	44
									10544	12009	10145	44
									10544	12009	10145	44
Grand Staircase-Escalante	12.0	14.3	0.0	48.8	118.8	51.8	12.4	258.1	788817	797283	917320	45
									788817	797283	917320	45
									788817	797283	917320	45
									788817	797283	917320	45
San Juan Islands	15.0	17.9	0.0	0.0	142.2	80.8	29.7	285.7	-	-	-	46
												46
												46
												46

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Enter 2017 and 2018 Visitation Data Here to Get Updated Economic Contributions Results in Next Tab

Unit (listed four times to simplify calculations)	State	2014	2015	2016	2017	2018
Steese NCA	Alaska	9,204	7,115	22,568		
Sonoran Desert	Arizona	26,560	29,894	51,278		
Las Cienegas NCA	Arizona	25,240	25,499	28,282		
Vermilion Cliffs	Arizona	168,917	160,568	275,845		
Ironwood Forest	Arizona	43,640	47,435	23,600		
Agua Fria	Arizona	78,431	79,500	78,775		
Grand Canyon-Parashant	Arizona	90,631	31,188	30,350		
Gila Box Riparian NCA	Arizona	39,979	35,523	25,073		
San Pedro Riparian NCA	Arizona	140,001	144,741	50,093		
Mojave Trails	California	175,558	165,863	163,283		
Sand to Snow	California			0		
Berryessa Snow Mountain	California	132,900	107,200	107,260		
Fort Ord	California	189,735	499,112	467,848		
Piedras Blancas Historic Light Station ONA	California	6,711	6,106	6,610		
Carrizo Plain	California	61,148	54,253	53,630		
Santa Rosa and San Jacinto Mountains	California	236,898	230,173	136,090		
California Coastal	California	36,500	15,000	43,420		
Headwaters Forest Reserve	California	33,245	33,810	38,565		
King Range NCA	California	95,286	104,189	118,907		
Browns Canyon	Colorado	85,946	86,156	115,059		
Dominguez-Escalante NCA	Colorado	98,705	92,567	92,902		
McInnis Canyons NCA	Colorado	295,491	283,063	244,298		
Canyons of the Ancients	Colorado	76,252	68,497	89,579		
Gunnison Gorge NCA	Colorado	172,688	182,575	206,036		
Jupiter Inlet Lighthouse ONA	Florida	70,020	67,931	107,463		
Craters of the Moon	Idaho	3,715	3,654	3,654		
Morley Nelson Snake River Birds of Prey NCA	Idaho	196,270	197,235	151,665		
Pompeys Pillar	Montana	44,000	32,000	28,672		
Upper Missouri River Breaks	Montana	56,106	24,699	46,342		
Organ Mountains-Desert Peaks	New Mexico	190,934	210,883	394,551		
Rio Grande del Norte	New Mexico	122,431	207,784	176,954		
Prehistoric Trackways	New Mexico	780	1,825	25,000		
Fort Stanton-Snowy River Cave NCA	New Mexico	5,082	25,778	36,656		
Kasha-Katuwe Tent Rocks	New Mexico	222,946	366,400	527,746		
El Malpais NCA	New Mexico	171,411	173,043	188,890		
Basin and Range	Nevada	340	0	120		
Sloan Canyon NCA	Nevada	85,362	136,125	69,232		
Black Rock Desert-High Rock Canyon Emigrant Trails NCA	Nevada	116,857	128,723	170,825		
Red Rock Canyon NCA	Nevada	2,705,707	1,753,250	2,221,084		
Steens Mountain CMPA	Oregon	221,939	248,146	238,717		
Cascade-Siskiyou	Oregon	130,332	121,058	198,213		
Yaquina Head ONA	Oregon	308,709	313,000	423,643		
Red Cliffs NCA	Utah	130,276	130,031	150,982		
Beaver Dam Wash NCA	Utah	12,009	10,145	9,715		
Grand Staircase-Escalante	Utah	797,283	917,320	926,236		
San Juan Islands	Washington	100,970	108,020	105,372		
Total	All	7,937,418	7,586,062	8,620,554	0	0

State-level Response Coefficients per \$1,000,000 visitor spending, by expenditure category

From 2013 IMPLAN data

(Provided by Cathy Cullinane Thomas, USGS using IMPLAN 2013 data)

All data are in \$2015

State	Scenario					
Arizona	Motels\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	10.1	\$353,115	\$630,702	\$1,000,000
		Indirect Effect	2.5	\$116,072	\$188,117	\$348,558
		Induced Effect	3.1	\$137,360	\$240,813	\$411,843
		Total Effect	15.7	\$606,547	\$1,059,631	\$1,760,402
Arizona	CampingFees\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	13.7	\$417,422	\$648,279	\$1,000,000
		Indirect Effect	2.5	\$118,122	\$190,488	\$339,296
		Induced Effect	3.6	\$156,796	\$274,886	\$470,116
		Total Effect	19.8	\$692,340	\$1,113,653	\$1,809,412
Arizona	Restaurants\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	18	\$427,426	\$598,791	\$1,000,000
		Indirect Effect	2.1	\$97,184	\$177,663	\$324,302
		Induced Effect	3.5	\$154,262	\$270,418	\$462,472
		Total Effect	23.6	\$678,872	\$1,046,872	\$1,786,774
Arizona	Groceries\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	3.7	\$129,017	\$198,521	\$281,393
		Indirect Effect	0.7	\$29,588	\$54,772	\$96,982
		Induced Effect	1.1	\$46,585	\$81,664	\$139,663
		Total Effect	5.4	\$205,189	\$334,956	\$518,037
Arizona	Gas\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	1.2	\$55,687	\$77,410	\$108,976
		Indirect Effect	0.3	\$11,681	\$21,609	\$37,630
		Induced Effect	0.5	\$20,078	\$35,186	\$60,174
		Total Effect	1.9	\$87,446	\$134,205	\$206,779
Arizona	LocalTransportation\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	6.9	\$331,310	\$641,735	\$1,000,000
		Indirect Effect	2.5	\$124,594	\$203,613	\$359,289
		Induced Effect	3.1	\$135,324	\$237,171	\$405,607
		Total Effect	12.4	\$591,228	\$1,082,519	\$1,764,896
Arizona	Admissions\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	15.3	\$355,555	\$583,839	\$1,000,000
		Indirect Effect	2.9	\$120,109	\$231,125	\$396,458
		Induced Effect	3.2	\$138,759	\$243,285	\$416,074
		Total Effect	21.3	\$614,424	\$1,058,249	\$1,812,532
Arizona	Souvenirs\$1MM					

California	Motels	\$1MM	Impact Type	Employment	Labor Income	Value Added	Output	
			Direct Effect	9.4	\$275,956	\$326,324	\$458,118	
			Indirect Effect	1.1	\$48,781	\$90,219	\$157,140	
			Induced Effect	2.2	\$96,550	\$169,209	\$289,378	
			Total Effect	12.7	\$421,288	\$585,752	\$904,636	
California	Camping	Fees	\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
				Direct Effect	9.9	\$398,246	\$637,004	\$1,000,000
				Indirect Effect	2.4	\$144,944	\$225,785	\$397,064
				Induced Effect	3.1	\$160,875	\$271,925	\$464,408
				Total Effect	15.3	\$704,065	\$1,134,713	\$1,861,472
California	Restaurants	\$1MM	Impact Type	Employment	Labor Income	Value Added	Output	
			Direct Effect	14.2	\$449,618	\$637,443	\$1,000,000	
			Indirect Effect	2.5	\$145,884	\$223,043	\$385,804	
			Induced Effect	3.4	\$176,381	\$298,132	\$509,167	
			Total Effect	20.1	\$771,882	\$1,158,618	\$1,894,972	
California	Groceries	\$1MM	Impact Type	Employment	Labor Income	Value Added	Output	
			Direct Effect	17.9	\$453,378	\$601,992	\$1,000,000	
			Indirect Effect	2.1	\$134,030	\$233,778	\$430,963	
			Induced Effect	3.3	\$174,430	\$294,773	\$503,445	
			Total Effect	23.4	\$761,837	\$1,130,543	\$1,934,408	
California	Gas	\$1MM	Impact Type	Employment	Labor Income	Value Added	Output	
			Direct Effect	3.6	\$140,113	\$200,932	\$281,393	
			Indirect Effect	0.6	\$34,037	\$61,893	\$100,698	
			Induced Effect	1	\$51,781	\$87,497	\$149,439	
			Total Effect	5.2	\$225,931	\$350,322	\$531,530	
California	Local	Transportation	\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
				Direct Effect	1	\$68,609	\$83,012	\$108,986
				Indirect Effect	0.2	\$11,895	\$21,772	\$35,035
				Induced Effect	0.5	\$24,426	\$41,206	\$70,394
				Total Effect	1.6	\$104,930	\$145,990	\$214,415
California	Admissions	\$1MM	Impact Type	Employment	Labor Income	Value Added	Output	
			Direct Effect	7.1	\$336,282	\$632,890	\$1,000,000	
			Indirect Effect	2.4	\$151,013	\$237,199	\$424,584	
			Induced Effect	2.8	\$146,054	\$246,633	\$421,273	
			Total Effect	12.3	\$633,348	\$1,116,723	\$1,845,857	
California	Souvenirs	\$1MM	Impact Type	Employment	Labor Income	Value Added	Output	
			Direct Effect	15.9	\$448,069	\$568,155	\$1,000,000	
			Indirect Effect	2.7	\$149,833	\$278,768	\$461,491	
			Induced Effect	3.4	\$176,623	\$298,608	\$509,963	
			Total Effect	22	\$774,525	\$1,145,531	\$1,971,454	

		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	10.5	\$270,124	\$309,877	\$458,136
		Indirect Effect	1.1	\$66,407	\$121,901	\$195,818
		Induced Effect	1.9	\$100,707	\$170,080	\$290,508
		Total Effect	13.6	\$437,238	\$601,858	\$944,462
Colorado	Motels\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	10.3	\$353,464	\$621,845	\$1,000,000
		Indirect Effect	2.6	\$140,870	\$227,588	\$413,557
		Induced Effect	3	\$138,150	\$251,504	\$427,326
		Total Effect	16	\$632,484	\$1,100,937	\$1,840,882
Colorado	CampingFees\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	14.5	\$405,758	\$628,916	\$1,000,000
		Indirect Effect	2.7	\$138,809	\$223,292	\$397,910
		Induced Effect	3.3	\$152,157	\$277,011	\$470,661
		Total Effect	20.5	\$696,723	\$1,129,218	\$1,868,571
Colorado	Restaurants\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	18.3	\$437,961	\$592,970	\$1,000,000
		Indirect Effect	2.2	\$121,025	\$218,397	\$397,284
		Induced Effect	3.4	\$156,419	\$284,725	\$483,786
		Total Effect	24	\$715,405	\$1,096,092	\$1,881,070
Colorado	Groceries\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	3.9	\$135,427	\$193,780	\$281,393
		Indirect Effect	0.7	\$32,453	\$63,706	\$108,975
		Induced Effect	1	\$46,968	\$85,497	\$145,270
		Total Effect	5.6	\$214,848	\$342,983	\$535,638
Colorado	Gas\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	1.3	\$55,970	\$72,697	\$108,971
		Indirect Effect	0.3	\$14,577	\$28,591	\$47,331
		Induced Effect	0.4	\$19,894	\$36,183	\$61,491
		Total Effect	2.1	\$90,441	\$137,470	\$217,794
Colorado	LocalTransportation\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	7.7	\$339,292	\$598,871	\$1,000,000
		Indirect Effect	2.6	\$148,695	\$261,439	\$444,216
		Induced Effect	3	\$137,241	\$249,685	\$424,301
		Total Effect	13.3	\$625,228	\$1,109,994	\$1,868,518
Colorado	Admissions\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	13.6	\$372,201	\$628,356	\$1,000,000
		Indirect Effect	2.5	\$117,059	\$229,406	\$392,615
		Induced Effect	3	\$136,428	\$248,429	\$422,075
		Total Effect	19.1	\$625,688	\$1,106,190	\$1,814,691
Colorado	Souvenirs\$1MM					

		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	11.4	\$262,798	\$297,037	\$458,091
		Indirect Effect	1.3	\$64,513	\$126,540	\$209,475
		Induced Effect	2	\$92,154	\$167,638	\$284,884
		Total Effect	14.7	\$419,465	\$591,215	\$952,450
Florida	Motels\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	11.4	\$262,798	\$297,037	\$458,091
		Indirect Effect	1.3	\$64,513	\$126,540	\$209,475
		Induced Effect	2	\$92,154	\$167,638	\$284,884
		Total Effect	14.7	\$419,465	\$591,215	\$952,450
Florida	CampingFees\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	13.4	\$407,783	\$657,164	\$1,000,000
		Indirect Effect	2.8	\$124,573	\$198,714	\$358,673
		Induced Effect	3.8	\$161,187	\$279,192	\$487,021
		Total Effect	19.9	\$693,542	\$1,135,069	\$1,845,694
Florida	Restaurants\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	18.2	\$436,338	\$596,559	\$1,000,000
		Indirect Effect	2.4	\$113,156	\$204,038	\$372,615
		Induced Effect	3.9	\$166,452	\$288,289	\$502,897
		Total Effect	24.5	\$715,946	\$1,088,886	\$1,875,513
Florida	Groceries\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	4.2	\$124,758	\$185,193	\$281,393
		Indirect Effect	0.9	\$36,474	\$69,565	\$122,558
		Induced Effect	1.1	\$48,832	\$84,577	\$147,538
		Total Effect	6.2	\$210,064	\$339,335	\$551,488
Florida	Gas\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	1.4	\$54,178	\$71,411	\$108,984
		Indirect Effect	0.3	\$15,141	\$28,276	\$49,187
		Induced Effect	0.5	\$21,094	\$36,505	\$63,689
		Total Effect	2.2	\$90,414	\$136,192	\$221,860
Florida	LocalTransportation\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	6.9	\$321,364	\$653,460	\$1,000,000
		Indirect Effect	2.7	\$130,019	\$205,783	\$372,972
		Induced Effect	3.2	\$137,345	\$237,687	\$414,687
		Total Effect	12.8	\$588,728	\$1,096,930	\$1,787,659
Florida	Admissions\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	14.9	\$462,392	\$593,222	\$1,000,000
		Indirect Effect	3.1	\$126,729	\$243,140	\$423,422
		Induced Effect	4.2	\$178,219	\$308,741	\$538,553
		Total Effect	22.2	\$767,340	\$1,145,103	\$1,961,975
Florida	Souvenirs\$1MM					

		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	11.3	\$270,273	\$298,366	\$458,156
		Indirect Effect	1.5	\$64,349	\$120,119	\$209,010
		Induced Effect	2.4	\$101,554	\$175,829	\$306,739
		Total Effect	15.2	\$436,177	\$594,315	\$973,905
Idaho	Motels\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	13.1	\$290,434	\$526,201	\$1,000,000
		Indirect Effect	2.9	\$108,812	\$169,434	\$357,823
		Induced Effect	2.5	\$90,718	\$157,827	\$291,270
		Total Effect	18.5	\$489,963	\$853,462	\$1,649,093
Idaho	CampingFees\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	17.3	\$359,305	\$561,279	\$1,000,000
		Indirect Effect	2.7	\$103,259	\$161,793	\$325,565
		Induced Effect	2.9	\$105,103	\$182,855	\$337,459
		Total Effect	23	\$567,668	\$905,928	\$1,663,024
Idaho	Restaurants\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	21.3	\$402,783	\$528,904	\$1,000,000
		Indirect Effect	2.1	\$81,414	\$150,509	\$307,715
		Induced Effect	3.1	\$110,246	\$191,785	\$353,959
		Total Effect	26.4	\$594,443	\$871,198	\$1,661,674
Idaho	Groceries\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	3.9	\$147,516	\$192,898	\$281,393
		Indirect Effect	0.6	\$21,055	\$41,208	\$80,083
		Induced Effect	1.1	\$38,550	\$67,049	\$123,762
		Total Effect	5.6	\$207,121	\$301,155	\$485,238
Idaho	Gas\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	1.6	\$49,030	\$65,083	\$108,938
		Indirect Effect	0.3	\$10,428	\$20,695	\$39,325
		Induced Effect	0.4	\$13,573	\$23,609	\$43,577
		Total Effect	2.3	\$73,031	\$109,387	\$191,840
Idaho	LocalTransportation\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	9	\$261,111	\$525,307	\$1,000,000
		Indirect Effect	2.9	\$114,199	\$184,719	\$363,859
		Induced Effect	2.4	\$86,014	\$149,589	\$276,135
		Total Effect	14.3	\$461,325	\$859,615	\$1,639,995
Idaho	Admissions\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	17.6	\$347,408	\$523,513	\$1,000,000
		Indirect Effect	2.9	\$93,484	\$188,291	\$358,420
		Induced Effect	2.8	\$99,985	\$173,965	\$321,035
		Total Effect	23.3	\$540,877	\$885,769	\$1,679,455
Idaho	Souvenirs\$1MM					

Montana	Motels\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	12.9	\$252,999	\$276,949	\$457,964
		Indirect Effect	1.2	\$43,072	\$85,395	\$162,396
		Induced Effect	1.9	\$67,888	\$118,063	\$217,941
		Total Effect	16.1	\$363,959	\$480,406	\$838,301
Montana	CampingFees\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	13.2	\$316,487	\$523,205	\$1,000,000
		Indirect Effect	3.1	\$112,111	\$173,712	\$386,323
		Induced Effect	2.7	\$96,971	\$166,358	\$313,012
		Total Effect	19	\$525,569	\$863,275	\$1,699,335
Montana	Restaurants\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	14.2	\$455,650	\$637,705	\$1,000,000
		Indirect Effect	2.4	\$90,728	\$143,032	\$301,612
		Induced Effect	3.4	\$123,546	\$211,950	\$398,796
		Total Effect	20	\$669,924	\$992,687	\$1,700,409
Montana	Groceries\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	21.3	\$420,954	\$526,482	\$1,000,000
		Indirect Effect	2.1	\$78,048	\$145,718	\$301,743
		Induced Effect	3.1	\$113,306	\$194,367	\$365,714
		Total Effect	26.6	\$612,308	\$866,567	\$1,667,456
Montana	Gas\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	4.6	\$136,773	\$175,133	\$281,393
		Indirect Effect	0.7	\$24,469	\$48,418	\$96,942
		Induced Effect	1	\$36,554	\$62,708	\$117,988
		Total Effect	6.3	\$197,796	\$286,259	\$496,324
Montana	LocalTransportation\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	1.6	\$60,187	\$66,645	\$108,929
		Indirect Effect	0.3	\$10,050	\$20,042	\$38,598
		Induced Effect	0.4	\$16,160	\$27,714	\$52,147
		Total Effect	2.3	\$86,398	\$114,402	\$199,673
Montana	Admissions\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	9.1	\$264,131	\$517,462	\$1,000,000
		Indirect Effect	3	\$121,567	\$196,594	\$414,886
		Induced Effect	2.4	\$88,448	\$151,696	\$285,426
		Total Effect	14.6	\$474,145	\$865,753	\$1,700,312
Montana	Souvenirs\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	16.7	\$431,703	\$546,211	\$1,000,000
		Indirect Effect	2.7	\$89,863	\$183,033	\$355,567
		Induced Effect	3.2	\$117,686	\$201,904	\$379,896
		Total Effect	22.7	\$639,251	\$931,148	\$1,735,463
		Impact Type	Employment	Labor Income	Value Added	Output

Direct Effect	11.7	\$305,106	\$292,682	\$457,909
Indirect Effect	1.1	\$39,578	\$78,589	\$151,740
Induced Effect	2.2	\$79,860	\$136,940	\$257,663
Total Effect	15	\$424,544	\$508,211	\$867,313

New Mexic Motels\$1MM

Impact Type	Employment	Labor Income	Value Added	Output
Direct Effect	12.6	\$316,041	\$542,254	\$1,000,000
Indirect Effect	2.4	\$94,178	\$158,033	\$321,489
Induced Effect	2.2	\$81,453	\$151,435	\$270,379
Total Effect	17.2	\$491,672	\$851,721	\$1,591,868

New Mexic CampingFees\$1MM

Impact Type	Employment	Labor Income	Value Added	Output
Direct Effect	15.8	\$408,403	\$598,260	\$1,000,000
Indirect Effect	2.2	\$85,893	\$144,196	\$286,768
Induced Effect	2.6	\$98,122	\$182,428	\$325,716
Total Effect	20.6	\$592,418	\$924,884	\$1,612,484

New Mexic Restaurants\$1MM

Impact Type	Employment	Labor Income	Value Added	Output
Direct Effect	20.1	\$421,203	\$553,738	\$1,000,000
Indirect Effect	1.7	\$65,345	\$133,081	\$255,526
Induced Effect	2.6	\$96,889	\$180,107	\$321,575
Total Effect	24.4	\$583,437	\$866,926	\$1,577,101

New Mexic Groceries\$1MM

Impact Type	Employment	Labor Income	Value Added	Output
Direct Effect	4.1	\$130,417	\$187,368	\$281,393
Indirect Effect	0.5	\$19,859	\$42,985	\$79,042
Induced Effect	0.8	\$29,895	\$55,575	\$99,227
Total Effect	5.4	\$180,171	\$285,928	\$459,661

New Mexic Gas\$1MM

Impact Type	Employment	Labor Income	Value Added	Output
Direct Effect	1.5	\$51,126	\$68,104	\$108,976
Indirect Effect	0.2	\$8,515	\$18,762	\$33,386
Induced Effect	0.3	\$11,957	\$22,219	\$39,672
Total Effect	2	\$71,598	\$109,086	\$182,035

New Mexic LocalTransportation\$1MM

Impact Type	Employment	Labor Income	Value Added	Output
Direct Effect	7.1	\$285,348	\$648,630	\$1,000,000
Indirect Effect	1.8	\$78,922	\$144,513	\$281,082
Induced Effect	2	\$73,370	\$136,309	\$243,385
Total Effect	10.9	\$437,640	\$929,452	\$1,524,468

New Mexic Admissions\$1MM

Impact Type	Employment	Labor Income	Value Added	Output
Direct Effect	19.7	\$352,115	\$468,442	\$1,000,000
Indirect Effect	2.7	\$92,956	\$213,673	\$383,601
Induced Effect	2.4	\$87,936	\$163,529	\$291,967
Total Effect	24.7	\$533,007	\$845,645	\$1,675,568

New Mexic Souvenirs\$1MM

Impact Type	Employment	Labor Income	Value Added	Output
Direct Effect	11.8	\$265,830	\$289,535	\$458,183

Nevada	Motels\$1MM	Indirect Effect	0.9	\$35,158	\$77,235	\$137,737
		Induced Effect	1.6	\$60,478	\$112,372	\$200,643
		Total Effect	14.3	\$361,467	\$479,142	\$796,564
Nevada	CampingFees\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	9.1	\$448,311	\$663,865	\$1,000,000
		Indirect Effect	2.1	\$97,136	\$159,656	\$286,876
		Induced Effect	2.8	\$119,869	\$221,543	\$371,293
		Total Effect	14	\$665,316	\$1,045,065	\$1,658,170
Nevada	Restaurants\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	15.7	\$444,411	\$600,078	\$1,000,000
		Indirect Effect	2.6	\$118,309	\$192,236	\$338,249
		Induced Effect	2.9	\$123,747	\$228,705	\$383,297
		Total Effect	21.2	\$686,467	\$1,021,018	\$1,721,547
Nevada	Groceries\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	16.1	\$415,846	\$643,462	\$1,000,000
		Indirect Effect	1.7	\$79,180	\$145,432	\$250,538
		Induced Effect	2.6	\$109,217	\$201,824	\$338,253
		Total Effect	20.3	\$604,242	\$990,718	\$1,588,791
Nevada	Gas\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	3.8	\$136,551	\$195,085	\$281,393
		Indirect Effect	0.7	\$28,465	\$54,892	\$95,251
		Induced Effect	0.9	\$36,473	\$67,394	\$112,952
		Total Effect	5.3	\$201,488	\$317,371	\$489,596
Nevada	LocalTransportation\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	1.4	\$51,716	\$71,829	\$108,968
		Indirect Effect	0.3	\$12,274	\$23,692	\$40,658
		Induced Effect	0.3	\$14,292	\$26,398	\$44,245
		Total Effect	2	\$78,282	\$121,918	\$193,870
Nevada	Admissions\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	5.3	\$295,154	\$720,069	\$1,000,000
		Indirect Effect	1.7	\$82,651	\$142,091	\$246,432
		Induced Effect	2	\$84,046	\$155,262	\$260,227
		Total Effect	9	\$461,851	\$1,017,422	\$1,506,659
Nevada	Souvenirs\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	15.7	\$361,680	\$572,059	\$1,000,000
		Indirect Effect	2.7	\$108,300	\$217,242	\$365,473
		Induced Effect	2.4	\$101,996	\$188,603	\$316,065
		Total Effect	20.8	\$571,976	\$977,904	\$1,681,538
Nevada		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	9.9	\$285,539	\$320,152	\$458,096
		Indirect Effect	1.1	\$45,937	\$88,539	\$152,102

Oregon	Motels\$1MM	Induced Effect	1.7	\$74,272	\$137,168	\$229,910
		Total Effect	12.7	\$405,749	\$545,860	\$840,107
Oregon	CampingFees\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	12.1	\$342,197	\$560,907	\$1,000,000
		Indirect Effect	2.9	\$136,950	\$210,284	\$395,777
		Induced Effect	2.8	\$120,405	\$201,613	\$351,472
		Total Effect	17.8	\$599,552	\$972,804	\$1,747,249
Oregon	Restaurants\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	17.5	\$380,400	\$556,803	\$1,000,000
		Indirect Effect	2.9	\$136,303	\$211,966	\$387,065
		Induced Effect	3.1	\$129,904	\$217,514	\$379,197
		Total Effect	23.5	\$646,607	\$986,284	\$1,766,262
Oregon	Groceries\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	19.7	\$452,441	\$562,729	\$1,000,000
		Indirect Effect	2.2	\$109,347	\$193,382	\$353,354
		Induced Effect	3.3	\$141,448	\$236,830	\$412,885
		Total Effect	25.2	\$703,235	\$992,941	\$1,766,239
Oregon	Gas\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	4.4	\$144,570	\$179,673	\$281,393
		Indirect Effect	0.7	\$32,437	\$62,625	\$106,850
		Induced Effect	1.1	\$44,578	\$74,637	\$130,122
		Total Effect	6.2	\$221,585	\$316,936	\$518,365
Oregon	LocalTransportation\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	1.7	\$58,013	\$64,853	\$108,928
		Indirect Effect	0.3	\$14,593	\$27,976	\$47,059
		Induced Effect	0.4	\$18,618	\$31,151	\$54,330
		Total Effect	2.4	\$91,224	\$123,979	\$210,317
Oregon	Admissions\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	7.9	\$320,490	\$580,673	\$1,000,000
		Indirect Effect	2.5	\$130,014	\$205,326	\$362,994
		Induced Effect	2.8	\$116,462	\$194,800	\$339,804
		Total Effect	13.2	\$566,965	\$980,799	\$1,702,799
Oregon	Souvenirs\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	17	\$356,398	\$539,132	\$1,000,000
		Indirect Effect	2.8	\$119,657	\$236,463	\$407,092
		Induced Effect	2.8	\$118,828	\$199,024	\$346,908
		Total Effect	22.6	\$594,883	\$974,620	\$1,754,000
Oregon	Souvenirs\$1MM	Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	14.3	\$273,994	\$258,535	\$457,901
		Indirect Effect	1.4	\$65,774	\$126,085	\$212,106
Oregon	Souvenirs\$1MM	Induced Effect	2.1	\$86,909	\$145,427	\$253,621

Utah	Motels\$1MM	Total Effect	17.8	\$426,677	\$530,046	\$923,629
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	11.8	\$347,045	\$571,633	\$1,000,000
		Indirect Effect	3.1	\$135,532	\$217,182	\$439,967
		Induced Effect	3.3	\$130,027	\$230,618	\$422,657
Utah	CampingFees\$1MM	Total Effect	18.1	\$612,605	\$1,019,434	\$1,862,624
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	16.6	\$393,484	\$578,144	\$1,000,000
		Indirect Effect	3	\$132,728	\$215,830	\$414,879
		Induced Effect	3.6	\$141,789	\$251,479	\$460,888
Utah	Restaurants\$1MM	Total Effect	23.2	\$668,001	\$1,045,453	\$1,875,768
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	20.5	\$424,950	\$544,918	\$1,000,000
		Indirect Effect	2.6	\$113,396	\$206,723	\$412,210
		Induced Effect	3.7	\$145,529	\$258,070	\$472,966
Utah	Groceries\$1MM	Total Effect	26.8	\$683,875	\$1,009,710	\$1,885,176
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	4.5	\$132,574	\$178,847	\$281,393
		Indirect Effect	0.9	\$36,536	\$69,545	\$127,403
		Induced Effect	1.2	\$45,672	\$80,994	\$148,439
Utah	Gas\$1MM	Total Effect	6.5	\$214,782	\$329,386	\$557,234
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	1.5	\$53,383	\$67,917	\$108,958
		Indirect Effect	0.3	\$14,638	\$28,829	\$51,550
		Induced Effect	0.5	\$18,527	\$32,841	\$60,188
Utah	LocalTransportation\$1MM	Total Effect	2.3	\$86,547	\$129,587	\$220,695
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	6.2	\$280,553	\$671,012	\$1,000,000
		Indirect Effect	2.4	\$111,172	\$191,941	\$369,215
		Induced Effect	2.7	\$107,289	\$190,131	\$348,451
Utah	Admissions\$1MM	Total Effect	11.2	\$499,014	\$1,053,084	\$1,717,666
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	15.4	\$349,397	\$580,610	\$1,000,000
		Indirect Effect	3	\$115,859	\$229,791	\$420,247
		Induced Effect	3.1	\$124,978	\$221,697	\$406,309
Utah	Souvenirs\$1MM	Total Effect	21.5	\$590,234	\$1,032,098	\$1,826,555
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	12.4	\$267,406	\$284,150	\$458,095
		Indirect Effect	1.5	\$62,035	\$121,953	\$218,344
		Induced Effect	2.3	\$89,670	\$158,958	\$291,322
		Total Effect	16.1	\$419,111	\$565,061	\$967,761
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	12.4	\$267,406	\$284,150	\$458,095
		Indirect Effect	1.5	\$62,035	\$121,953	\$218,344
		Induced Effect	2.3	\$89,670	\$158,958	\$291,322

Washingto Motels\$1MM

Impact Type	Employment	Labor Income	Value Added	Output
Direct Effect	9.3	\$299,705	\$658,667	\$1,000,000
Indirect Effect	1.9	\$109,011	\$180,954	\$331,668
Induced Effect	2.2	\$104,731	\$187,531	\$319,064
Total Effect	13.3	\$513,447	\$1,027,151	\$1,650,731

Washingto CampingFees\$1MM

Impact Type	Employment	Labor Income	Value Added	Output
Direct Effect	13.8	\$329,251	\$647,378	\$1,000,000
Indirect Effect	2	\$112,380	\$183,664	\$325,684
Induced Effect	2.3	\$113,172	\$202,643	\$344,776
Total Effect	18.1	\$554,803	\$1,033,685	\$1,670,460

Washingto Restaurants\$1MM

Impact Type	Employment	Labor Income	Value Added	Output
Direct Effect	16.7	\$442,568	\$629,038	\$1,000,000
Indirect Effect	1.6	\$96,322	\$178,249	\$325,517
Induced Effect	2.8	\$138,177	\$247,406	\$420,940
Total Effect	21.2	\$677,067	\$1,054,694	\$1,746,457

Washingto Groceries\$1MM

Impact Type	Employment	Labor Income	Value Added	Output
Direct Effect	3.7	\$134,216	\$197,115	\$281,393
Indirect Effect	0.5	\$28,502	\$56,963	\$94,724
Induced Effect	0.9	\$41,734	\$74,723	\$127,136
Total Effect	5.1	\$204,452	\$328,801	\$503,253

Washingto Gas\$1MM

Impact Type	Employment	Labor Income	Value Added	Output
Direct Effect	1.3	\$52,041	\$73,886	\$109,036
Indirect Effect	0.2	\$12,453	\$24,340	\$40,292
Induced Effect	0.3	\$16,721	\$29,915	\$50,908
Total Effect	1.8	\$81,215	\$128,140	\$200,237

Washingto LocalTransportation\$1MM

Impact Type	Employment	Labor Income	Value Added	Output
Direct Effect	6.5	\$262,513	\$682,514	\$1,000,000
Indirect Effect	1.7	\$101,947	\$173,424	\$314,395
Induced Effect	1.9	\$94,230	\$168,616	\$286,930
Total Effect	10.1	\$458,691	\$1,024,553	\$1,601,324

Washingto Admissions\$1MM

Impact Type	Employment	Labor Income	Value Added	Output
Direct Effect	16.6	\$374,059	\$549,820	\$1,000,000
Indirect Effect	2.5	\$124,916	\$254,878	\$427,746
Induced Effect	2.6	\$127,550	\$228,430	\$388,632
Total Effect	21.7	\$626,524	\$1,033,128	\$1,816,378

Washingto Souvenirs\$1MM

Impact Type	Employment	Labor Income	Value Added	Output
Direct Effect	10.8	\$246,155	\$302,379	\$458,314
Indirect Effect	1	\$55,039	\$107,831	\$178,251
Induced Effect	1.6	\$77,754	\$139,149	\$236,779
Total Effect	13.4	\$378,948	\$549,358	\$873,344

Alaska Motels\$1MM

		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	12.6	\$348,037	\$541,754	\$1,000,000
		Indirect Effect	2.3	\$122,823	\$208,439	\$377,770
		Induced Effect	1.8	\$86,952	\$155,794	\$256,139
		Total Effect	16.7	\$557,812	\$905,987	\$1,633,910
Alaska	CampingFees\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	12.3	\$504,879	\$681,397	\$1,000,000
		Indirect Effect	1.4	\$82,772	\$151,358	\$258,369
		Induced Effect	2.2	\$108,058	\$193,617	\$318,319
		Total Effect	16	\$695,709	\$1,026,372	\$1,576,688
Alaska	Restaurants\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	17.9	\$488,812	\$600,823	\$1,000,000
		Indirect Effect	1.4	\$77,106	\$178,202	\$283,558
		Induced Effect	2.2	\$106,544	\$190,865	\$313,821
		Total Effect	21.5	\$672,462	\$969,890	\$1,597,379
Alaska	Groceries\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	4.1	\$149,419	\$187,569	\$281,393
		Indirect Effect	0.5	\$28,675	\$58,380	\$96,012
		Induced Effect	0.7	\$33,216	\$59,508	\$97,840
		Total Effect	5.3	\$211,309	\$305,457	\$475,245
Alaska	Gas\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	1.4	\$58,356	\$67,097	\$109,186
		Indirect Effect	0.2	\$12,067	\$24,693	\$40,159
		Induced Effect	0.3	\$13,502	\$24,184	\$39,766
		Total Effect	1.9	\$83,925	\$115,974	\$189,111
Alaska	LocalTransportation\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	5.2	\$257,073	\$701,811	\$1,000,000
		Indirect Effect	1.3	\$82,765	\$152,280	\$255,883
		Induced Effect	1.4	\$68,460	\$122,573	\$201,581
		Total Effect	8	\$408,299	\$976,664	\$1,457,464
Alaska	Admissions\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	18	\$384,038	\$512,877	\$1,000,000
		Indirect Effect	2.1	\$110,415	\$243,720	\$389,361
		Induced Effect	1.8	\$89,562	\$160,497	\$263,854
		Total Effect	21.9	\$584,015	\$917,094	\$1,653,215
Alaska	Souvenirs\$1MM					
		Impact Type	Employment	Labor Income	Value Added	Output
		Direct Effect	11.5	\$291,315	\$281,271	\$458,873
		Indirect Effect	0.9	\$50,862	\$104,447	\$169,505
		Induced Effect	1.4	\$66,838	\$119,699	\$196,834
		Total Effect	13.8	\$409,015	\$505,417	\$825,212

[illegible][illegible]

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Asset		Unit		Q1 2019		Q2 2019		Q3 2019		Q4 2019		Q1 2020		Q2 2020		Q3 2020		Q4 2020		Q1 2021		Q2 2021		Q3 2021		Q4 2021		Q1 2022		Q2 2022		Q3 2022		Q4 2022		Q1 2023		Q2 2023		Q3 2023		Q4 2023		Q1 2024		Q2 2024		Q3 2024		Q4 2024		Q1 2025		Q2 2025		Q3 2025		Q4 2025		Q1 2026		Q2 2026		Q3 2026		Q4 2026		Q1 2027		Q2 2027		Q3 2027		Q4 2027		Q1 2028		Q2 2028		Q3 2028		Q4 2028		Q1 2029		Q2 2029		Q3 2029		Q4 2029		Q1 2030		Q2 2030		Q3 2030		Q4 2030		Q1 2031		Q2 2031		Q3 2031		Q4 2031		Q1 2032		Q2 2032		Q3 2032		Q4 2032		Q1 2033		Q2 2033		Q3 2033		Q4 2033		Q1 2034		Q2 2034		Q3 2034		Q4 2034		Q1 2035		Q2 2035		Q3 2035		Q4 2035		Q1 2036		Q2 2036		Q3 2036		Q4 2036		Q1 2037		Q2 2037		Q3 2037		Q4 2037		Q1 2038		Q2 2038		Q3 2038		Q4 2038		Q1 2039		Q2 2039		Q3 2039		Q4 2039		Q1 2040		Q2 2040		Q3 2040		Q4 2040		Q1 2041		Q2 2041		Q3 2041		Q4 2041		Q1 2042		Q2 2042		Q3 2042		Q4 2042		Q1 2043		Q2 2043		Q3 2043		Q4 2043		Q1 2044		Q2 2044		Q3 2044		Q4 2044		Q1 2045		Q2 2045		Q3 2045		Q4 2045		Q1 2046		Q2 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State	Impact Type	Military (MM)				Lump sum (MM)				Reserve (MM)				DCR (MM)				GAS (MM)				Local (MM)				Anso (MM)				Adm (MM)				SocSec (MM)			
		Empl	Labo	Inc	Value	Output	Empl	Labo	Inc	Value	Output	Empl	Labo	Inc	Value	Output	Empl	Labo	Inc	Value	Output	Empl	Labo	Inc	Value	Output	Empl	Labo	Inc	Value	Output	Empl	Labo	Inc	Value	Output	
Alaska	D ect effect	13	354,691	552,412	1,019,119	12	354,532	552,425	1,019,119	18	498,158	612,310	1,019,119	4	152,278	191,195	286,773	1	59,472	68,380	111,274	5	263,988	715,249	1,019,119	18	391,881	522,683	1,019,119	12	296,885	286,645	467,646				
Alaska	D ect effect	2	125,171	212,424	384,991	1	84,355	154,252	263,309	1	78,580	181,609	288,979	1	29,223	59,196	97,848	0	12,298	248,380	156,192	40,927	1	84,147	155,192	260,775	2	111,326	396,305	1	51,834	106,444	174,742				

Alaska	Induced Effect	2	88.614	158.731	261.038	2	110.124	129.131	324.605	2	108.581	194.514	318.825	2	138.851	460.646	99.711	2	13.760	24.143	49.227	2	69.109	125.017	205.431	2	91.274	165.566	268.899	2	68.116	131.288	200.701	2	44.835	135.080	840.990
Alaska	Total Effect	158	627.472	923.309	5,665.149	2	709.012	1,045.996	16,083.812	2	720.163	1,083.434	16,827.020	2	515.249	1,317.287	485.625	2	65.530	118.126	195.727	2	416.100	597.337	1,485.130	2	92.385	184.928	1,638.824	2	114.835	215.030	840.990	2	44.835	135.080	840.990
Alaska	Induced Effect	158	627.472	923.309	5,665.149	2	709.012	1,045.996	16,083.812	2	720.163	1,083.434	16,827.020	2	515.249	1,317.287	485.625	2	65.530	118.126	195.727	2	416.100	597.337	1,485.130	2	92.385	184.928	1,638.824	2	114.835	215.030	840.990	2	44.835	135.080	840.990
Alaska	Total Effect	158	627.472	923.309	5,665.149	2	709.012	1,045.996	16,083.812	2	720.163	1,083.434	16,827.020	2	515.249	1,317.287	485.625	2	65.530	118.126	195.727	2	416.100	597.337	1,485.130	2	92.385	184.928	1,638.824	2	114.835	215.030	840.990	2	44.835	135.080	840.990
A.jona	Induced Effect	1	118.291	151.714	355.222	2	120.380	184.130	345.783	2	99.042	158.080	330.514	2	80.154	155.559	98.836	2	11.904	22.022	38.126	2	126.576	207.708	348.126	2	142.205	245.944	404.018	2	49.714	94.314	164.018	2	49.714	94.314	164.018
A.jona	Total Effect	1	118.291	151.714	355.222	2	120.380	184.130	345.783	2	99.042	158.080	330.514	2	80.154	155.559	98.836	2	11.904	22.022	38.126	2	126.576	207.708	348.126	2	142.205	245.944	404.018	2	49.714	94.314	164.018	2	49.714	94.314	164.018
A.jona	Induced Effect	1	118.291	151.714	355.222	2	120.380	184.130	345.783	2	99.042	158.080	330.514	2	80.154	155.559	98.836	2	11.904	22.022	38.126	2	126.576	207.708	348.126	2	142.205	245.944	404.018	2	49.714	94.314	164.018	2	49.714	94.314	164.018
A.jona	Total Effect	1	118.291	151.714	355.222	2	120.380	184.130	345.783	2	99.042	158.080	330.514	2	80.154	155.559	98.836	2	11.904	22.022	38.126	2	126.576	207.708	348.126	2	142.205	245.944	404.018	2	49.714	94.314	164.018	2	49.714	94.314	164.018
Cal to a	Induced Effect	1	405.860	1,281.892	1,019.139	2	458.214	1,367.831	1,019.139	2	462.045	1,355.503	1,019.139	2	342.992	2,004.774	265.879	2	69.921	45.989	113.070	2	842.712	1,645.093	1,019.139	2	456.638	570.018	1,019.139	2	275.289	380.513	666.895	2	275.289	380.513	666.895
Cal to a	Total Effect	1	405.860	1,281.892	1,019.139	2	458.214	1,367.831	1,019.139	2	462.045	1,355.503	1,019.139	2	342.992	2,004.774	265.879	2	69.921	45.989	113.070	2	842.712	1,645.093	1,019.139	2	456.638	570.018	1,019.139	2	275.289	380.513	666.895	2	275.289	380.513	666.895
Cal to a	Induced Effect	1	405.860	1,281.892	1,019.139	2	458.214	1,367.831	1,019.139	2	462.045	1,355.503	1,019.139	2	342.992	2,004.774	265.879	2	69.921	45.989	113.070	2	842.712	1,645.093	1,019.139	2	456.638	570.018	1,019.139	2	275.289	380.513	666.895	2	275.289	380.513	666.895
Cal to a	Total Effect	1	405.860	1,281.892	1,019.139	2	458.214	1,367.831	1,019.139	2	462.045	1,355.503	1,019.139	2	342.992	2,004.774	265.879	2	69.921	45.989	113.070	2	842.712	1,645.093	1,019.139	2	456.638	570.018	1,019.139	2	275.289	380.513	666.895	2	275.289	380.513	666.895
Fla. do	Induced Effect	1	147.732	180.302	404.656	2	174.513	227.307	391.180	2	136.593	218.248	420.739	2	108.688	183.076	320.621	2	10.127	22.188	35.105	2	148.860	251.738	423.704	2	152.068	298.018	498.314	2	67.877	123.129	193.295	2	67.877	123.129	193.295
Fla. do	Total Effect	1	147.732	180.302	404.656	2	174.513	227.307	391.180	2	136.593	218.248	420.739	2	108.688	183.076	320.621	2	10.127	22.188	35.105	2	148.860	251.738	423.704	2	152.068	298.018	498.314	2	67.877	123.129	193.295	2	67.877	123.129	193.295
Fla. do	Induced Effect	1	147.732	180.302	404.656	2	174.513	227.307	391.180	2	136.593	218.248	420.739	2	108.688	183.076	320.621	2	10.127	22.188	35.105	2	148.860	251.738	423.704	2	152.068	298.018	498.314	2	67.877	123.129	193.295	2	67.877	123.129	193.295
Fla. do	Total Effect	1	147.732	180.302	404.656	2	174.513	227.307	391.180	2	136.593	218.248	420.739	2	108.688	183.076	320.621	2	10.127	22.188	35.105	2	148.860	251.738	423.704	2	152.068	298.018	498.314	2	67.877	123.129	193.295	2	67.877	123.129	193.295
Calo do	Induced Effect	1	326.522	772.234	474.282	2	179.561	301.832	534.562	2	177.765	300.480	433.021	2	153.771	310.120	352.266	2	11.893	14.398	24.928	2	148.860	251.738	423.704	2	180.000	304.117	519.219	2	202.632	313.131	376.082	2	202.632	313.131	376.082
Calo do	Total Effect	1	326.522	772.234	474.282	2	179.561	301.832	534.562	2	177.765	300.480	433.021	2	153.771	310.120	352.266	2	11.893	14.398	24.928	2	148.860	251.738	423.704	2	180.000	304.117	519.219	2	202.632	313.131	376.082	2	202.632	313.131	376.082
Calo do	Induced Effect	1	326.522	772.234	474.282	2	179.561	301.832	534.562	2	177.765	300.480	433.021	2	153.771	310.120	352.266	2	11.893	14.398	24.928	2	148.860	251.738	423.704	2	180.000	304.117	519.219	2	202.632	313.131	376.082	2	202.632	313.131	376.082
Calo do	Total Effect	1	326.522	772.234	474.282	2	179.561	301.832	534.562	2	177.765	300.480	433.021	2	153.771	310.120	352.266	2	11.893	14.398	24.928	2	148.860	251.738	423.704	2	180.000	304.117	519.219	2	202.632	313.131	376.082	2	202.632	313.131	376.082
Colo do	Induced Effect	1	443.563	1,265.339	431.464	2	714.043	2,041.786	1,046.528	2	723.339	2,227.573	1,046.528	2	530.074	3,452.084	1,046.528	2	14.858	29.138	48.209	2	119.297	233.406	402.122	2	127.827	258.189	432.122	2	67.748	128.959	213.840	2	67.748	128.959	213.840
Colo do	Total Effect	1	443.563	1,265.339	431.464	2	714.043	2,041.786	1,046.528	2	723.339	2,227.573	1,046.528	2	530.074	3,452.084	1,046.528	2	14.858	29.138	48.209	2	119.297	233.406	402.122	2	127.827	258.189	432.122	2	67.748	128.959	213.840	2	67.748	128.959	213.840
Colo do	Induced Effect	1	443.563	1,265.339	431.464	2	714.043	2,041.786	1,046.528	2	723.339	2,227.573	1,046.528	2	530.074	3,452.084	1,046.528	2	14.858	29.138	48.209	2	119.297	233.406	402.122	2	127.827	258.189	432.122	2	67.748	128.959	213.840	2	67.748	128.959	213.840
Colo do	Total Effect	1	443.563	1,265.339	431.464	2	714.043	2,041.786	1,046.528	2	723.339	2,227.573	1,046.528	2	530.074	3,452.084	1,046.528	2	14.858	29.138	48.209	2	119.297	233.406	402.122	2	127.827	258.189	432.122	2	67.748	128.959	213.840	2	67.748	128.959	213.840
Fla. do	Induced Effect	1	127.823	162.130	366.489	2	141.580	269.128	1,019.139	2	144.681	267.963	1,019.139	2	127.141	188.724	316.718	2	15.214	27.726	41.118	2	138.629	265.954	1,019.139	2	172.480	303.664	1,019.139	2	172.480	303.664	1,019.139	2	172.480	303.664	1,019.139
Fla. do	Total Effect	1	127.823	162.130	366.489	2	141.580	269.128	1,019.139	2	144.681	267.963	1,019.139	2	127.141	188.724	316.718	2	15.214	27.726	41.118	2	138.629	265.954	1,019.139	2	172.480	303.664	1,019.139	2	172.480	303.664	1,019.139	2	172.480	303.664	1,019.139
Fla. do	Induced Effect	1	127.823	162.130	366.489	2	141.580	269.128	1,019.139	2	144.681	267.963	1,019.139	2	127.141	188.724	316.718	2	15.214	27.726	41.118	2	138.629	265.954	1,019.139	2	172.480	303.664	1,019.139	2	172.480	303.664	1,019.139	2	172.480	303.664	1,019.139
Fla. do	Total Effect	1	127.823	162.130	366.489	2	141.580	269.128	1,019.139	2	144.681	267.963	1,019.139	2	127.141	188.724	316.718	2	15.214	27.726	41.118	2	138.629	265.954	1,019.139	2	172.480	303.664	1,019.139	2	172.480	303.664	1,019.139	2	172.480	303.664	1,019.139
Fla. do	Induced Effect	1	127.823	162.130	366.489	2	141.580	269.128	1,019.139	2	144.681	267.963	1,019.139	2	127.141	188.724	316.718	2	15.214	27.726	41.118	2	138.629	265.954	1,019.139	2	172.480	303.664	1,019.139	2	172.480	303.664	1,019.139	2	172.480	303.664	1,019.139
Fla. do	Total Effect	1	127.823	162.130	366.489	2	141.580	269.128	1,019.139	2	144.681	267.963	1,019.139	2	127.141	188.724	316.718	2	15.214	27.726	41.118	2	138.629	265.954	1,019.139	2	172.480	303.664	1,019.139	2	172.480	303.664	1,019.139	2	172.480	303.664	1,019.139
Fla. do	Induced Effect	1	127.823	162.130	366.489	2	141.580	269.128	1,019.139	2	144.681	267.963	1,019.139	2	127.141	188.724	316.718	2	15.214	27.726	41.118	2	138.629	265.954	1,019.139	2	172.480	303.664	1,019.139	2	172.480						

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sector	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
GDP	0.936917	0.948357	0.967939	0.985319	1	1.019119	1.038604	1.058462	1.078699	1.099323	1.120342	1.141762	1.163592	1.185839
1	0.679859	0.737824	0.875978	0.993179	1	1.006868	1.013783	1.020745	1.027756	1.034814	1.041921	1.049077	1.056281	1.063536
2	0.545203	0.678968	0.873676	0.993179	1	1.006868	1.013783	1.020745	1.027756	1.034814	1.041921	1.049077	1.056281	1.063536
3	1.146143	1.086624	1.160126	0.993179	1	1.006868	1.013783	1.020745	1.027756	1.034814	1.041921	1.049077	1.056281	1.063536
4	0.813015	0.790722	0.919495	0.993179	1	1.006868	1.013783	1.020745	1.027756	1.034814	1.041921	1.049077	1.056281	1.063536
5	0.813015	0.790722	0.919495	0.993179	1	1.006868	1.013783	1.020745	1.027756	1.034814	1.041921	1.049077	1.056281	1.063536
6	0.944042	0.880121	0.979802	0.993179	1	1.006868	1.013783	1.020745	1.027756	1.034814	1.041921	1.049077	1.056281	1.063536
7	0.81795	0.794638	1.022494	0.993179	1	1.006868	1.013783	1.020745	1.027756	1.034814	1.041921	1.049077	1.056281	1.063536
8	0.81795	0.794638	1.022494	0.993179	1	1.006868	1.013783	1.020745	1.027756	1.034814	1.041921	1.049077	1.056281	1.063536
9	0.81795	0.794638	1.022494	0.993179	1	1.006868	1.013783	1.020745	1.027756	1.034814	1.041921	1.049077	1.056281	1.063536
10	0.81795	0.794638	1.022494	0.993179	1	1.006868	1.013783	1.020745	1.027756	1.034814	1.041921	1.049077	1.056281	1.063536
11	0.690489	0.72047	0.934846	1.006525	1	0.993517	0.987076	0.980677	0.974319	0.968002	0.961727	0.955492	0.949297	0.943143
12	0.709911	0.829055	1.09251	1.006525	1	0.993517	0.987076	0.980677	0.974319	0.968002	0.961727	0.955492	0.949297	0.943143
13	0.867994	0.863185	0.930003	1.006525	1	0.993517	0.987076	0.980677	0.974319	0.968002	0.961727	0.955492	0.949297	0.943143
14	0.685471	0.817788	1.053124	1.006525	1	0.993517	0.987076	0.980677	0.974319	0.968002	0.961727	0.955492	0.949297	0.943143
15	0.791577	0.89673	0.957729	0.973362	1	1.027366	1.055482	1.084367	1.114042	1.144529	1.175851	1.20803	1.24109	1.275054
16	0.81133	0.919107	0.981628	0.997651	1	1.002354	1.004714	1.007079	1.00945	1.011826	1.014208	1.016595	1.018988	1.021387
17	0.889626	0.942007	0.992476	0.99196	1	1.008105	1.016276	1.024514	1.032818	1.041189	1.049628	1.058136	1.066713	1.075359
18	0.889626	0.942007	0.992476	0.99196	1	1.008105	1.016276	1.024514	1.032818	1.041189	1.049628	1.058136	1.066713	1.075359
19	0.933228	0.950848	0.977015	0.979162	1	1.021282	1.043016	1.065213	1.087882	1.111034	1.134679	1.158827	1.183488	1.208675
20	0.741628	0.94579	1.073261	0.951924	1	1.050505	1.10356	1.159294	1.217844	1.279351	1.343964	1.41184	1.483144	1.55805
21	0.741628	0.94579	1.073261	0.951924	1	1.050505	1.10356	1.159294	1.217844	1.279351	1.343964	1.41184	1.483144	1.55805
22	0.886479	0.963017	0.965561	0.989762	1	1.010344	1.020794	1.031353	1.042021	1.0528	1.063689	1.074692	1.085808	1.097039
23	0.683272	0.81856	0.958987	0.992918	1	1.007133	1.014316	1.021551	1.028838	1.036176	1.043567	1.05101	1.058507	1.066057
24	0.683272	0.81856	0.958987	0.992918	1	1.007133	1.014316	1.021551	1.028838	1.036176	1.043567	1.05101	1.058507	1.066057
25	0.683272	0.81856	0.958987	0.992918	1	1.007133	1.014316	1.021551	1.028838	1.036176	1.043567	1.05101	1.058507	1.066057
26	0.684799	0.938106	1.078963	0.992918	1	1.007133	1.014316	1.021551	1.028838	1.036176	1.043567	1.05101	1.058507	1.066057
27	0.684799	0.938106	1.078963	0.992918	1	1.007133	1.014316	1.021551	1.028838	1.036176	1.043567	1.05101	1.058507	1.066057
28	0.683272	0.81856	0.958987	0.992918	1	1.007133	1.014316	1.021551	1.028838	1.036176	1.043567	1.05101	1.058507	1.066057
29	0.683272	0.81856	0.958987	0.992918	1	1.007133	1.014316	1.021551	1.028838	1.036176	1.043567	1.05101	1.058507	1.066057
30	0.935589	0.925382	0.943251	0.956471	1	1.04551	1.093091	1.142837	1.194847	1.249224	1.306076	1.365515	1.42766	1.492632
31	0.934784	0.871275	0.950881	0.956471	1	1.04551	1.093091	1.142837	1.194847	1.249224	1.306076	1.365515	1.42766	1.492632
32	0.934784	0.871275	0.950881	0.956471	1	1.04551	1.093091	1.142837	1.194847	1.249224	1.306076	1.365515	1.42766	1.492632
33	0.934784	0.871275	0.950881	0.956471	1	1.04551	1.093091	1.142837	1.194847	1.249224	1.306076	1.365515	1.42766	1.492632
34	0.934784	0.871275	0.950881	0.956471	1	1.04551	1.093091	1.142837	1.194847	1.249224	1.306076	1.365515	1.42766	1.492632
35	0.934784	0.871275	0.950881	0.956471	1	1.04551	1.093091	1.142837	1.194847	1.249224	1.306076	1.365515	1.42766	1.492632
36	0.934784	0.871275	0.950881	0.956471	1	1.04551	1.093091	1.142837	1.194847	1.249224	1.306076	1.365515	1.42766	1.492632
37	0.938541	0.928396	0.959687	0.963159	1	1.03825	1.077963	1.119195	1.162004	1.206451	1.252597	1.300509	1.350253	1.4019
38	0.888679	0.885391	0.940862	0.963159	1	1.03825	1.077963	1.119195	1.162004	1.206451	1.252597	1.300509	1.350253	1.4019
39	0.888679	0.885391	0.940862	0.963159	1	1.03825	1.077963	1.119195	1.162004	1.206451	1.252597	1.300509	1.350253	1.4019
40	0.888679	0.885391	0.940862	0.963159	1	1.03825	1.077963	1.119195	1.162004	1.206451	1.252597	1.300509	1.350253	1.4019
41	0.974288	0.999527	1.024587	0.981611	1	1.018734	1.037818	1.057261	1.077067	1.097244	1.1178	1.13874	1.160073	1.181806
42	0.974288	0.999527	1.024587	0.981611	1	1.018734	1.037818	1.057261	1.077067	1.097244	1.1178	1.13874	1.160073	1.181806
43	0.974288	0.999527	1.024587	0.981611	1	1.018734	1.037818	1.057261	1.077067	1.097244	1.1178	1.13874	1.160073	1.181806
44	0.974288	0.999527	1.024587	0.981611	1	1.018734	1.037818	1.057261	1.077067	1.097244	1.1178	1.13874	1.160073	1.181806
45	0.974288	0.999527	1.024587	0.981611	1	1.018734	1.037818	1.057261	1.077067	1.097244	1.1178	1.13874	1.160073	1.181806
46	0.974288	0.999527	1.024587	0.981611	1	1.018734	1.037818	1.057261	1.077067	1.097244	1.1178	1.13874	1.160073	1.181806
47	0.974288	0.999527	1.024587	0.981611	1	1.018734	1.037818	1.057261	1.077067	1.097244	1.1178	1.13874	1.160073	1.181806
48	0.974288	0.999527	1.024587	0.981611	1	1.018734	1.037818	1.057261	1.077067	1.097244	1.1178	1.13874	1.160073	1.181806
49	0.974288	0.999527	1.024587	0.981611	1	1.018734	1.037818	1.057261	1.077067	1.097244	1.1178	1.13874	1.160073	1.181806
50	1.037713	1.049117	1.033271	0.963527	1	1.037854	1.077141	1.117915	1.160232	1.204151	1.249733	1.29704	1.346138	1.397095
51	0.826081	0.881701	0.929754	0.985118	1	1.015107	1.030441	1.046008	1.061809	1.07785	1.094132	1.110661	1.127439	1.144471
52	0.999162	0.955249	0.962753	0.976081	1	1.024505	1.04961	1.07533	1.101681	1.128677	1.156335	1.184671	1.213701	1.243442
53	0.958832	0.934612	0.952446	0.976081	1	1.024505	1.04961	1.07533	1.101681	1.128677	1.156335	1.184671	1.213701	1.243442
54	0.858056	0.894334	0.945209	0.976081	1	1.024505	1.04961	1.07533	1.101681	1.128677	1.156335	1.184671	1.213701	1.243442
55	0.922328	0.91886	0.944353	0.976081	1	1.024505	1.04961	1.07533	1.101681	1.128677	1.156335	1.184671	1.213701	1.243442
56	0.874006	0.886671	0.928492	0.976081	1	1.024505	1.04961	1.07533	1.101681	1.128677	1.156335	1.184671	1.213701	1.243442
57	0.95492	0.92782	0.947061	0.976081	1	1.024505	1.04961	1.07533	1.101681	1.128677	1.156335	1.184671	1.213701	1.243442
58	0.930541	0.921887	0.947542	0.976081	1	1.024505	1.04961	1.07533	1.101681	1.128677	1.156335	1.184671	1.213701	1.243442
59	0.976687	0.960933	0.967809	0.976081	1	1.024505	1.04961	1.07533	1.101681	1.128677	1.156335	1.184671	1.213701	1.243442
60	0.969085	0.982061	0.972699	0.976081	1	1.024505	1.04961	1.07533	1.101681	1.128677	1.156335	1.184671	1.213701	1.243442
61	0.929106	0.939447	0.967998	0.976081	1	1.024505	1.04961	1.07533	1.101681	1.128677	1.156335	1.184671	1.213701	1.243442
62	0.903813	0.908323	0.944584	0.976081	1	1.024505	1.04961	1.07533	1.101681	1.128677	1.156335	1.184671	1.213701	1.243442
63	0.909879	0.929714	0.967756	0.976081	1	1.024505	1.04961	1.07533	1.101681	1.128677	1.156335	1.184671	1.213701	1.243442
64	0.903813	0.908323	0.944584	0.976081	1	1.024505	1.04961	1.07533	1.101681	1.128677	1.156335	1.184671	1.213701	1.243442

65	0.937472	0.936216	0.966018	0.991827	1	1.00824	1.016549	1.024925	1.033371	1.041886	1.050472	1.059128	1.067856	1.076655
66	0.742297	0.732639	0.915571	0.991827	1	1.00824	1.016549	1.024925	1.033371	1.041886	1.050472	1.059128	1.067856	1.076655
67	0.823904	0.800382	0.95909	0.986428	1	1.013759	1.027708	1.041848	1.056183	1.070715	1.085447	1.100382	1.115523	1.130871
68	0.823904	0.800382	0.95909	0.986428	1	1.013759	1.027708	1.041848	1.056183	1.070715	1.085447	1.100382	1.115523	1.130871
69	0.823904	0.800382	0.95909	0.986428	1	1.013759	1.027708	1.041848	1.056183	1.070715	1.085447	1.100382	1.115523	1.130871
70	0.827818	0.792453	0.972735	0.986428	1	1.013759	1.027708	1.041848	1.056183	1.070715	1.085447	1.100382	1.115523	1.130871
71	0.744558	0.735854	0.904392	0.986428	1	1.013759	1.027708	1.041848	1.056183	1.070715	1.085447	1.100382	1.115523	1.130871
72	0.754098	0.769813	0.987808	0.986428	1	1.013759	1.027708	1.041848	1.056183	1.070715	1.085447	1.100382	1.115523	1.130871
73	0.912058	0.923003	0.955463	0.986428	1	1.013759	1.027708	1.041848	1.056183	1.070715	1.085447	1.100382	1.115523	1.130871
74	0.859334	0.909279	0.979151	0.988071	1	1.012073	1.024291	1.036658	1.049173	1.061839	1.074659	1.087633	1.100764	1.114053
75	0.859334	0.909279	0.979151	0.988071	1	1.012073	1.024291	1.036658	1.049173	1.061839	1.074659	1.087633	1.100764	1.114053
76	0.859334	0.909279	0.979151	0.988071	1	1.012073	1.024291	1.036658	1.049173	1.061839	1.074659	1.087633	1.100764	1.114053
77	0.859334	0.909279	0.979151	0.988071	1	1.012073	1.024291	1.036658	1.049173	1.061839	1.074659	1.087633	1.100764	1.114053
78	0.859334	0.909279	0.979151	0.988071	1	1.012073	1.024291	1.036658	1.049173	1.061839	1.074659	1.087633	1.100764	1.114053
79	0.911479	0.923082	0.954301	0.984252	1	1.016	1.032256	1.048773	1.065553	1.082602	1.099924	1.117523	1.135404	1.153571
80	0.911479	0.923082	0.954301	0.984252	1	1.016	1.032256	1.048773	1.065553	1.082602	1.099924	1.117523	1.135404	1.153571
81	0.927647	0.916162	0.942498	0.984252	1	1.016	1.032256	1.048773	1.065553	1.082602	1.099924	1.117523	1.135404	1.153571
82	0.927647	0.916162	0.942498	0.984252	1	1.016	1.032256	1.048773	1.065553	1.082602	1.099924	1.117523	1.135404	1.153571
83	0.927647	0.916162	0.942498	0.984252	1	1.016	1.032256	1.048773	1.065553	1.082602	1.099924	1.117523	1.135404	1.153571
84	0.825741	0.915822	1.006281	0.986323	1	1.013866	1.027925	1.042179	1.05663	1.071281	1.086136	1.101197	1.116466	1.131948
85	0.825741	0.915822	1.006281	0.986323	1	1.013866	1.027925	1.042179	1.05663	1.071281	1.086136	1.101197	1.116466	1.131948
86	0.787811	0.869656	0.995556	0.986323	1	1.013866	1.027925	1.042179	1.05663	1.071281	1.086136	1.101197	1.116466	1.131948
87	0.780122	0.87532	0.986776	0.986323	1	1.013866	1.027925	1.042179	1.05663	1.071281	1.086136	1.101197	1.116466	1.131948
88	0.87303	0.881263	0.950835	0.986323	1	1.013866	1.027925	1.042179	1.05663	1.071281	1.086136	1.101197	1.116466	1.131948
89	0.722321	0.817321	0.946284	0.988142	1	1.012	1.024144	1.036433	1.04887	1.061456	1.074194	1.087084	1.100129	1.11333
90	0.722321	0.817321	0.946284	0.988142	1	1.012	1.024144	1.036433	1.04887	1.061456	1.074194	1.087084	1.100129	1.11333
91	0.722321	0.817321	0.946284	0.988142	1	1.012	1.024144	1.036433	1.04887	1.061456	1.074194	1.087084	1.100129	1.11333
92	0.885623	0.899279	0.889998	0.988142	1	1.012	1.024144	1.036433	1.04887	1.061456	1.074194	1.087084	1.100129	1.11333
93	0.872355	0.906516	0.98727	0.980893	1	1.019479	1.039338	1.059583	1.080223	1.101265	1.122716	1.144586	1.166881	1.189611
94	0.91301	0.926185	0.955474	0.980134	1	1.020268	1.040948	1.062046	1.083572	1.105534	1.127941	1.150803	1.174128	1.197925
95	0.91301	0.926185	0.955474	0.980134	1	1.020268	1.040948	1.062046	1.083572	1.105534	1.127941	1.150803	1.174128	1.197925
96	0.914373	0.912745	0.951286	0.980134	1	1.020268	1.040948	1.062046	1.083572	1.105534	1.127941	1.150803	1.174128	1.197925
97	0.914373	0.912745	0.951286	0.980134	1	1.020268	1.040948	1.062046	1.083572	1.105534	1.127941	1.150803	1.174128	1.197925
98	0.914373	0.912745	0.951286	0.980134	1	1.020268	1.040948	1.062046	1.083572	1.105534	1.127941	1.150803	1.174128	1.197925
99	0.865811	0.904123	0.939388	0.993934	1	1.006103	1.012243	1.018421	1.024636	1.03089	1.037181	1.043511	1.04988	1.056287
100	0.865811	0.904123	0.939388	0.993934	1	1.006103	1.012243	1.018421	1.024636	1.03089	1.037181	1.043511	1.04988	1.056287
101	0.84547	0.885824	1.022925	0.993934	1	1.006103	1.012243	1.018421	1.024636	1.03089	1.037181	1.043511	1.04988	1.056287
102	0.978763	0.958787	0.971961	0.993934	1	1.006103	1.012243	1.018421	1.024636	1.03089	1.037181	1.043511	1.04988	1.056287
103	0.919381	0.917809	0.953159	0.993934	1	1.006103	1.012243	1.018421	1.024636	1.03089	1.037181	1.043511	1.04988	1.056287
104	0.919381	0.917809	0.953159	0.993934	1	1.006103	1.012243	1.018421	1.024636	1.03089	1.037181	1.043511	1.04988	1.056287
105	0.903494	0.920805	0.966197	0.993934	1	1.006103	1.012243	1.018421	1.024636	1.03089	1.037181	1.043511	1.04988	1.056287
106	0.831716	0.831783	0.844658	0.982207	1	1.018115	1.036559	1.055337	1.074455	1.093919	1.113736	1.133912	1.154453	1.175367
107	0.831716	0.831783	0.844658	0.982207	1	1.018115	1.036559	1.055337	1.074455	1.093919	1.113736	1.133912	1.154453	1.175367
108	0.880943	0.910322	0.939287	0.982207	1	1.018115	1.036559	1.055337	1.074455	1.093919	1.113736	1.133912	1.154453	1.175367
109	0.970953	0.968526	0.972167	0.982207	1	1.018115	1.036559	1.055337	1.074455	1.093919	1.113736	1.133912	1.154453	1.175367
110	0.948195	0.97629	0.973417	0.982207	1	1.018115	1.036559	1.055337	1.074455	1.093919	1.113736	1.133912	1.154453	1.175367
111	0.846891	0.896391	0.939786	0.986611	1	1.013571	1.027326	1.041268	1.055399	1.069722	1.084239	1.098954	1.113868	1.128984
112	0.847516	0.899655	1.102118	0.996984	1	1.003026	1.00606	1.009104	1.012157	1.01522	1.018291	1.021372	1.024463	1.027562
113	0.887849	0.913393	0.989197	0.996984	1	1.003026	1.00606	1.009104	1.012157	1.01522	1.018291	1.021372	1.024463	1.027562
114	0.887849	0.913393	0.989197	0.996984	1	1.003026	1.00606	1.009104	1.012157	1.01522	1.018291	1.021372	1.024463	1.027562
115	0.887849	0.913393	0.989197	0.996984	1	1.003026	1.00606	1.009104	1.012157	1.01522	1.018291	1.021372	1.024463	1.027562
116	0.887849	0.913393	0.989197	0.996984	1	1.003026	1.00606	1.009104	1.012157	1.01522	1.018291	1.021372	1.024463	1.027562
117	0.90611	0.920136	0.984062	0.996984	1	1.003026	1.00606	1.009104	1.012157	1.01522	1.018291	1.021372	1.024463	1.027562
118	0.90611	0.920136	0.984062	0.996984	1	1.003026	1.00606	1.009104	1.012157	1.01522	1.018291	1.021372	1.024463	1.027562
119	0.92977	0.93799	0.976064	0.996984	1	1.003026	1.00606	1.009104	1.012157	1.01522	1.018291	1.021372	1.024463	1.027562
120	0.846861	0.862942	0.961949	0.996984	1	1.003026	1.00606	1.009104	1.012157	1.01522	1.018291	1.021372	1.024463	1.027562
121	0.934967	0.943588	0.975582	0.996984	1	1.003026	1.00606	1.009104	1.012157	1.01522	1.018291	1.021372	1.024463	1.027562
122	0.934967	0.943588	0.975582	0.996984	1	1.003026	1.00606	1.009104	1.012157	1.01522	1.018291	1.021372	1.024463	1.027562
123	0.934967	0.943588	0.975582	0.996984	1	1.003026	1.00606	1.009104	1.012157	1.01522	1.018291	1.021372	1.024463	1.027562
124	0.947567	0.950097	0.971844	0.988075	1	1.012069	1.024283	1.036644	1.049155	1.061817	1.074632	1.087601	1.100727	1.114011
125	0.947567	0.950097	0.971844	0.988075	1	1.012069	1.024283	1.036644	1.049155	1.061817	1.074632	1.087601	1.100727	1.114011
126	0.947567	0.950097	0.971844	0.988075	1	1.012069	1.024283	1.036644	1.049155	1.061817	1.074632	1.087601	1.100727	1.114011
127	0.947567	0.950097	0.971844	0.988075	1	1.012069	1.024283	1.036644	1.049155	1.061817	1.074632	1.087601	1.100727	1.114011
128	0.947567	0.950097	0.971844	0.988075	1	1.012069	1.024283	1.036644	1.049155	1.061817	1.074632	1.087601	1.100727	1.114011
129	0.947567	0.950097	0.971844	0.988075	1	1.012069	1.024283	1.036644	1.049155	1.061817	1.074632	1.087601	1.100727	1.114011
130	0.947567	0.950097	0.971844	0.988075	1	1.012069	1.024283	1.036644	1.049155	1.061817	1.074632	1.087601	1.100727	1.114011
131	0.919799	0.927258	0.962496	0.983918	1	1.01634								

133	0.919799	0.927258	0.962496	0.983918	1	1.016345	1.032957	1.04984	1.067	1.08444	1.102165	1.120179	1.138489	1.157097
134	0.883778	0.98315	0.981957	0.985457	1	1.014758	1.029734	1.04493	1.060352	1.076	1.09188	1.107994	1.124345	1.140938
135	0.883778	0.98315	0.981957	0.985457	1	1.014758	1.029734	1.04493	1.060352	1.076	1.09188	1.107994	1.124345	1.140938
136	0.855508	0.914264	0.892936	0.980138	1	1.020264	1.040939	1.062033	1.083554	1.105511	1.127914	1.15077	1.174089	1.197881
137	0.855508	0.914264	0.892936	0.980138	1	1.020264	1.040939	1.062033	1.083554	1.105511	1.127914	1.15077	1.174089	1.197881
138	0.855508	0.914264	0.892936	0.980138	1	1.020264	1.040939	1.062033	1.083554	1.105511	1.127914	1.15077	1.174089	1.197881
139	0.924398	0.961273	0.966357	0.980084	1	1.02032	1.041054	1.062209	1.083793	1.105816	1.128287	1.151214	1.174607	1.198476
140	0.924398	0.961273	0.966357	0.980084	1	1.02032	1.041054	1.062209	1.083793	1.105816	1.128287	1.151214	1.174607	1.198476
141	0.924398	0.961273	0.966357	0.980084	1	1.02032	1.041054	1.062209	1.083793	1.105816	1.128287	1.151214	1.174607	1.198476
142	0.939201	0.942836	0.9559	0.980084	1	1.02032	1.041054	1.062209	1.083793	1.105816	1.128287	1.151214	1.174607	1.198476
143	0.939201	0.942836	0.9559	0.980084	1	1.02032	1.041054	1.062209	1.083793	1.105816	1.128287	1.151214	1.174607	1.198476
144	0.939201	0.942836	0.9559	0.980084	1	1.02032	1.041054	1.062209	1.083793	1.105816	1.128287	1.151214	1.174607	1.198476
145	0.939201	0.942836	0.9559	0.980084	1	1.02032	1.041054	1.062209	1.083793	1.105816	1.128287	1.151214	1.174607	1.198476
146	0.805575	0.934516	0.997979	0.980812	1	1.019563	1.039509	1.059845	1.080579	1.101719	1.123272	1.145247	1.167651	1.190494
147	0.935845	0.949443	0.977715	0.980812	1	1.019563	1.039509	1.059845	1.080579	1.101719	1.123272	1.145247	1.167651	1.190494
148	0.882343	0.959768	0.990139	0.980812	1	1.019563	1.039509	1.059845	1.080579	1.101719	1.123272	1.145247	1.167651	1.190494
149	0.896548	0.939779	0.977058	0.980689	1	1.019692	1.039771	1.060246	1.081124	1.102413	1.124122	1.146258	1.168829	1.191846
150	0.904728	0.926224	0.972094	0.980689	1	1.019692	1.039771	1.060246	1.081124	1.102413	1.124122	1.146258	1.168829	1.191846
151	0.939069	0.945295	0.963504	0.980689	1	1.019692	1.039771	1.060246	1.081124	1.102413	1.124122	1.146258	1.168829	1.191846
152	0.954571	0.95586	0.96827	0.980689	1	1.019692	1.039771	1.060246	1.081124	1.102413	1.124122	1.146258	1.168829	1.191846
153	0.911692	0.933016	0.974489	0.980689	1	1.019692	1.039771	1.060246	1.081124	1.102413	1.124122	1.146258	1.168829	1.191846
154	0.963814	0.965376	0.980238	0.981828	1	1.018508	1.037359	1.056559	1.076114	1.096031	1.116316	1.136978	1.158021	1.179454
155	0.997499	0.994496	0.984811	0.981828	1	1.018508	1.037359	1.056559	1.076114	1.096031	1.116316	1.136978	1.158021	1.179454
156	0.571349	0.748136	0.989502	1.002809	1	0.997199	0.994405	0.99162	0.988842	0.986072	0.983309	0.980555	0.977808	0.975069
157	0.85637	0.890128	0.941296	1.002809	1	0.997199	0.994405	0.99162	0.988842	0.986072	0.983309	0.980555	0.977808	0.975069
158	0.946261	0.952184	1.000462	1.002809	1	0.997199	0.994405	0.99162	0.988842	0.986072	0.983309	0.980555	0.977808	0.975069
159	0.732357	0.800591	0.965803	1.002809	1	0.997199	0.994405	0.99162	0.988842	0.986072	0.983309	0.980555	0.977808	0.975069
160	0.732357	0.800591	0.965803	1.002809	1	0.997199	0.994405	0.99162	0.988842	0.986072	0.983309	0.980555	0.977808	0.975069
161	0.625893	0.971385	1.240707	0.977363	1	1.023162	1.04686	1.071107	1.095916	1.121299	1.147271	1.173844	1.201032	1.22885
162	0.906073	0.915922	0.963681	0.977363	1	1.023162	1.04686	1.071107	1.095916	1.121299	1.147271	1.173844	1.201032	1.22885
163	0.718427	0.742193	0.877278	0.977363	1	1.023162	1.04686	1.071107	1.095916	1.121299	1.147271	1.173844	1.201032	1.22885
164	0.882399	0.854868	0.957006	0.977363	1	1.023162	1.04686	1.071107	1.095916	1.121299	1.147271	1.173844	1.201032	1.22885
165	0.812667	0.83348	0.997955	0.977363	1	1.023162	1.04686	1.071107	1.095916	1.121299	1.147271	1.173844	1.201032	1.22885
166	0.794554	0.880652	0.966448	0.973687	1	1.027024	1.054779	1.083284	1.112559	1.142625	1.173504	1.205217	1.237788	1.271238
167	0.74842	0.823861	0.965312	0.973687	1	1.027024	1.054779	1.083284	1.112559	1.142625	1.173504	1.205217	1.237788	1.271238
168	0.74842	0.823861	0.965312	0.973687	1	1.027024	1.054779	1.083284	1.112559	1.142625	1.173504	1.205217	1.237788	1.271238
169	0.655075	0.728037	0.979671	0.981676	1	1.018666	1.037681	1.05705	1.076782	1.096881	1.117356	1.138212	1.159458	1.181101
170	0.655075	0.728037	0.979671	0.981676	1	1.018666	1.037681	1.05705	1.076782	1.096881	1.117356	1.138212	1.159458	1.181101
171	0.655075	0.728037	0.979671	0.981676	1	1.018666	1.037681	1.05705	1.076782	1.096881	1.117356	1.138212	1.159458	1.181101
172	1.001332	0.935985	0.937277	0.981676	1	1.018666	1.037681	1.05705	1.076782	1.096881	1.117356	1.138212	1.159458	1.181101
173	0.912986	0.952427	0.959502	0.971691	1	1.029134	1.059117	1.089973	1.121729	1.154409	1.188042	1.222654	1.258275	1.294934
174	0.844948	0.88679	0.92412	0.971691	1	1.029134	1.059117	1.089973	1.121729	1.154409	1.188042	1.222654	1.258275	1.294934
175	0.901918	0.910189	0.941413	0.971691	1	1.029134	1.059117	1.089973	1.121729	1.154409	1.188042	1.222654	1.258275	1.294934
176	0.908063	0.927232	0.949843	0.971691	1	1.029134	1.059117	1.089973	1.121729	1.154409	1.188042	1.222654	1.258275	1.294934
177	0.858933	0.862051	0.904276	0.978428	1	1.022048	1.044581	1.067612	1.09115	1.115207	1.139795	1.164925	1.190609	1.216859
178	0.89516	0.9066	0.954438	0.978428	1	1.022048	1.044581	1.067612	1.09115	1.115207	1.139795	1.164925	1.190609	1.216859
179	0.898766	0.895908	0.939157	0.979898	1	1.020515	1.04145	1.062815	1.084618	1.106869	1.129576	1.152749	1.176397	1.20053
180	0.898766	0.895908	0.939157	0.979898	1	1.020515	1.04145	1.062815	1.084618	1.106869	1.129576	1.152749	1.176397	1.20053
181	0.898766	0.895908	0.939157	0.979898	1	1.020515	1.04145	1.062815	1.084618	1.106869	1.129576	1.152749	1.176397	1.20053
182	0.93977	0.949026	0.963442	0.979898	1	1.020515	1.04145	1.062815	1.084618	1.106869	1.129576	1.152749	1.176397	1.20053
183	0.932027	0.932587	0.963698	0.992861	1	1.007191	1.014433	1.021727	1.029074	1.036473	1.043926	1.051432	1.058993	1.066607
184	0.904278	0.910002	0.967957	0.992861	1	1.007191	1.014433	1.021727	1.029074	1.036473	1.043926	1.051432	1.058993	1.066607
185	0.904278	0.910002	0.967957	0.992861	1	1.007191	1.014433	1.021727	1.029074	1.036473	1.043926	1.051432	1.058993	1.066607
186	0.904278	0.910002	0.967957	0.992861	1	1.007191	1.014433	1.021727	1.029074	1.036473	1.043926	1.051432	1.058993	1.066607
187	0.904278	0.910002	0.967957	0.992861	1	1.007191	1.014433	1.021727	1.029074	1.036473	1.043926	1.051432	1.058993	1.066607
188	0.855051	0.903865	0.966053	0.984009	1	1.016251	1.032765	1.049548	1.066604	1.083937	1.101552	1.119453	1.137645	1.156132
189	0.857293	0.894911	0.949117	0.984009	1	1.016251	1.032765	1.049548	1.066604	1.083937	1.101552	1.119453	1.137645	1.156132
190	0.857293	0.894911	0.949117	0.984009	1	1.016251	1.032765	1.049548	1.066604	1.083937	1.101552	1.119453	1.137645	1.156132
191	0.929591	0.937167	0.964999	0.984009	1	1.016251	1.032765	1.049548	1.066604	1.083937	1.101552	1.119453	1.137645	1.156132
192	0.904869	0.900906	0.94862	0.984009	1	1.016251	1.032765	1.049548	1.066604	1.083937	1.101552	1.119453	1.137645	1.156132
193	0.947447	0.934922	0.947182	0.984009	1	1.016251	1.032765	1.049548	1.066604	1.083937	1.101552	1.119453	1.137645	1.156132
194	0.87789	0.883965	0.966961	0.984009	1	1.016251	1.032765	1.049548	1.066604	1.083937	1.101552	1.119453	1.137645	1.156132
195	0.905619	0.924021	0.966332	0.984009	1	1.016251	1.032765	1.049548	1.066604	1.083937	1.101552	1.119453	1.137645	1.156132
196	0.816152	0.857343	0.956195	0.988515	1	1.011619	1.023372	1.035262	1.04729	1.059458	1.071768	1.08422	1.096817	1.10956
197	0.806938	0.829831	0.919836	0.988515	1	1.011619	1.023372	1.035262	1.04729	1.059458	1.071768	1.08422	1.096817	1.10956
198	0.85866	0.87883	0.944792	0.988515	1	1.011619	1.023372	1.035262	1.04729	1.059458	1.071768	1.08422	1.096817	1.10956
199	0.943883	0.951226												

201	0.956616	0.967062	0.971817	0.986386	1	1.013802	1.027794	1.04198	1.056361	1.070941	1.085722	1.100707	1.115899	1.1313
202	0.956616	0.967062	0.971817	0.986386	1	1.013802	1.027794	1.04198	1.056361	1.070941	1.085722	1.100707	1.115899	1.1313
203	0.956616	0.967062	0.971817	0.986386	1	1.013802	1.027794	1.04198	1.056361	1.070941	1.085722	1.100707	1.115899	1.1313
204	0.956616	0.967062	0.971817	0.986386	1	1.013802	1.027794	1.04198	1.056361	1.070941	1.085722	1.100707	1.115899	1.1313
205	1.06184	1.002664	0.969216	0.976755	1	1.023798	1.048163	1.073108	1.098646	1.124792	1.15156	1.178965	1.207023	1.235748
206	0.984017	0.960322	0.955461	0.976755	1	1.023798	1.048163	1.073108	1.098646	1.124792	1.15156	1.178965	1.207023	1.235748
207	0.973542	0.957342	0.964693	0.976755	1	1.023798	1.048163	1.073108	1.098646	1.124792	1.15156	1.178965	1.207023	1.235748
208	0.973542	0.957342	0.964693	0.976755	1	1.023798	1.048163	1.073108	1.098646	1.124792	1.15156	1.178965	1.207023	1.235748
209	0.949467	0.954243	0.963747	0.976755	1	1.023798	1.048163	1.073108	1.098646	1.124792	1.15156	1.178965	1.207023	1.235748
210	0.90543	0.89394	0.90064	0.982862	1	1.017437	1.035178	1.053228	1.071593	1.090279	1.10929	1.128633	1.148312	1.168336
211	0.90543	0.89394	0.90064	0.982862	1	1.017437	1.035178	1.053228	1.071593	1.090279	1.10929	1.128633	1.148312	1.168336
212	0.930027	0.927283	0.959648	0.982862	1	1.017437	1.035178	1.053228	1.071593	1.090279	1.10929	1.128633	1.148312	1.168336
213	0.982498	0.979217	0.979826	0.982862	1	1.017437	1.035178	1.053228	1.071593	1.090279	1.10929	1.128633	1.148312	1.168336
214	0.871262	0.899386	0.93949	0.982862	1	1.017437	1.035178	1.053228	1.071593	1.090279	1.10929	1.128633	1.148312	1.168336
215	0.800989	0.817906	0.923477	0.982862	1	1.017437	1.035178	1.053228	1.071593	1.090279	1.10929	1.128633	1.148312	1.168336
216	0.946042	0.944405	0.961008	0.982862	1	1.017437	1.035178	1.053228	1.071593	1.090279	1.10929	1.128633	1.148312	1.168336
217	0.761675	0.905076	1.019876	0.980451	1	1.019938	1.040274	1.061016	1.082171	1.103747	1.125754	1.1482	1.171093	1.194443
218	0.789365	0.867828	0.970232	0.97676	1	1.023792	1.048151	1.073089	1.098621	1.12476	1.15152	1.178918	1.206967	1.235684
219	0.789365	0.867828	0.970232	0.97676	1	1.023792	1.048151	1.073089	1.098621	1.12476	1.15152	1.178918	1.206967	1.235684
220	0.789365	0.867828	0.970232	0.97676	1	1.023792	1.048151	1.073089	1.098621	1.12476	1.15152	1.178918	1.206967	1.235684
221	0.958211	1.014678	1.109599	0.980451	1	1.019939	1.040275	1.061017	1.082173	1.10375	1.125758	1.148204	1.171098	1.194448
222	0.966742	1.039751	1.134724	0.980451	1	1.019939	1.040275	1.061017	1.082173	1.10375	1.125758	1.148204	1.171098	1.194448
223	0.840118	0.949837	1.042183	0.980451	1	1.019939	1.040275	1.061017	1.082173	1.10375	1.125758	1.148204	1.171098	1.194448
224	0.840118	0.949837	1.042183	0.980451	1	1.019939	1.040275	1.061017	1.082173	1.10375	1.125758	1.148204	1.171098	1.194448
225	0.742803	0.935785	1.08507	0.98876	1	1.011368	1.022864	1.034492	1.046251	1.058145	1.070173	1.082338	1.094642	1.107085
226	0.793802	0.970773	1.089295	0.98876	1	1.011368	1.022864	1.034492	1.046251	1.058145	1.070173	1.082338	1.094642	1.107085
227	0.843105	0.931159	1.052238	0.98876	1	1.011368	1.022864	1.034492	1.046251	1.058145	1.070173	1.082338	1.094642	1.107085
228	0.843105	0.931159	1.052238	0.98876	1	1.011368	1.022864	1.034492	1.046251	1.058145	1.070173	1.082338	1.094642	1.107085
229	0.842775	0.888107	0.946545	0.983585	1	1.016689	1.033656	1.050906	1.068444	1.086275	1.104404	1.122835	1.141573	1.160625
230	0.888787	0.947412	0.994988	0.983585	1	1.016689	1.033656	1.050906	1.068444	1.086275	1.104404	1.122835	1.141573	1.160625
231	0.945459	0.946206	0.981046	0.98255	1	1.01776	1.035836	1.054233	1.072956	1.092012	1.111406	1.131145	1.151234	1.171681
232	0.945459	0.946206	0.981046	0.98255	1	1.01776	1.035836	1.054233	1.072956	1.092012	1.111406	1.131145	1.151234	1.171681
233	0.928274	0.983534	1.00766	0.98255	1	1.01776	1.035836	1.054233	1.072956	1.092012	1.111406	1.131145	1.151234	1.171681
234	0.928352	0.934656	0.985808	0.98255	1	1.01776	1.035836	1.054233	1.072956	1.092012	1.111406	1.131145	1.151234	1.171681
235	0.945743	0.955399	0.966739	0.987072	1	1.013097	1.026365	1.039808	1.053426	1.067223	1.0812	1.095361	1.109707	1.12424
236	0.945743	0.955399	0.966739	0.987072	1	1.013097	1.026365	1.039808	1.053426	1.067223	1.0812	1.095361	1.109707	1.12424
237	0.930954	0.906563	0.961406	0.979401	1	1.021032	1.042507	1.064433	1.08682	1.109678	1.133017	1.156847	1.181177	1.20602
238	0.930954	0.906563	0.961406	0.979401	1	1.021032	1.042507	1.064433	1.08682	1.109678	1.133017	1.156847	1.181177	1.20602
239	0.930954	0.906563	0.961406	0.979401	1	1.021032	1.042507	1.064433	1.08682	1.109678	1.133017	1.156847	1.181177	1.20602
240	0.908923	0.917958	0.968176	0.979401	1	1.021032	1.042507	1.064433	1.08682	1.109678	1.133017	1.156847	1.181177	1.20602
241	0.908923	0.917958	0.968176	0.979401	1	1.021032	1.042507	1.064433	1.08682	1.109678	1.133017	1.156847	1.181177	1.20602
242	0.908923	0.917958	0.968176	0.979401	1	1.021032	1.042507	1.064433	1.08682	1.109678	1.133017	1.156847	1.181177	1.20602
243	0.916707	0.923701	0.956574	0.985286	1	1.014934	1.030091	1.045475	1.061088	1.076935	1.093018	1.109341	1.125908	1.142723
244	0.989441	0.967624	0.966922	0.985286	1	1.014934	1.030091	1.045475	1.061088	1.076935	1.093018	1.109341	1.125908	1.142723
245	1.010933	1.016392	0.98389	0.985286	1	1.014934	1.030091	1.045475	1.061088	1.076935	1.093018	1.109341	1.125908	1.142723
246	1.010933	1.016392	0.98389	0.985286	1	1.014934	1.030091	1.045475	1.061088	1.076935	1.093018	1.109341	1.125908	1.142723
247	0.933835	0.939447	0.972299	0.985345	1	1.014873	1.029967	1.045286	1.060833	1.076611	1.092623	1.108874	1.125367	1.142104
248	0.9546	0.950753	0.977672	0.992068	1	1.007996	1.016055	1.024179	1.032368	1.040623	1.048943	1.05733	1.065784	1.074306
249	0.940037	0.93951	0.965935	0.983363	1	1.016918	1.034123	1.051618	1.06941	1.087502	1.105901	1.124611	1.143637	1.162986
250	0.942686	0.948767	0.972579	0.983363	1	1.016918	1.034123	1.051618	1.06941	1.087502	1.105901	1.124611	1.143637	1.162986
251	0.922611	0.950686	0.978383	0.982858	1	1.017441	1.035187	1.053242	1.071612	1.090302	1.109318	1.128666	1.148351	1.16838
252	0.922611	0.950686	0.978383	0.982858	1	1.017441	1.035187	1.053242	1.071612	1.090302	1.109318	1.128666	1.148351	1.16838
253	0.922611	0.950686	0.978383	0.982858	1	1.017441	1.035187	1.053242	1.071612	1.090302	1.109318	1.128666	1.148351	1.16838
254	0.901945	0.913472	0.95525	0.991057	1	1.009023	1.018128	1.027315	1.036585	1.045938	1.055376	1.064899	1.074508	1.084204
255	0.932146	0.937002	0.969208	0.991057	1	1.009023	1.018128	1.027315	1.036585	1.045938	1.055376	1.064899	1.074508	1.084204
256	0.910706	0.928255	0.962306	0.991057	1	1.009023	1.018128	1.027315	1.036585	1.045938	1.055376	1.064899	1.074508	1.084204
257	0.923107	0.933234	0.981152	0.991057	1	1.009023	1.018128	1.027315	1.036585	1.045938	1.055376	1.064899	1.074508	1.084204
258	0.923107	0.933234	0.981152	0.991057	1	1.009023	1.018128	1.027315	1.036585	1.045938	1.055376	1.064899	1.074508	1.084204
259	0.923107	0.933234	0.981152	0.991057	1	1.009023	1.018128	1.027315	1.036585	1.045938	1.055376	1.064899	1.074508	1.084204
260	0.862667	0.898683	0.950089	0.991057	1	1.009023	1.018128	1.027315	1.036585	1.045938	1.055376	1.064899	1.074508	1.084204
261	0.945422	0.958582	0.983333	0.991057	1	1.009023	1.018128	1.027315	1.036585	1.045938	1.055376	1.064899	1.074508	1.084204
262	0.91697	0.933384	0.961929	0.981946	1	1.018386	1.037109	1.056177	1.075596	1.095371	1.11551	1.136019	1.156906	1.178176
263	0.974201	0.972234	0.967538	0.981946	1	1.018386	1.037109	1.056177	1.075596	1.095371	1.11551	1.136019	1.156906	1.178176
264	0.916149	0.918576	0.948223	0.981946	1	1.018386	1.037109	1.056177	1.075596	1.095371	1.11551	1.136019	1.156906	1.178176
265	0.928941	0.928077	0.95301	0.981946	1	1.018386	1.037109	1.056177	1.075596	1.095371	1.11551	1.136019	1.156906	1.178176
266	0.928941	0.928077	0.95301	0.981946	1	1.018386	1.037109	1.056177	1.075596	1.095371	1.11551	1.136019	1.156906	1.178176
267	0.929569	0.932699	0.952093</											

269	0.929569	0.936299	0.952093	0.968174	1	1.032872	1.066825	1.101893	1.138115	1.175527	1.214169	1.254081	1.295305	1.337885
270	0.929569	0.936299	0.952093	0.968174	1	1.032872	1.066825	1.101893	1.138115	1.175527	1.214169	1.254081	1.295305	1.337885
271	0.930114	0.93696	0.952448	0.968174	1	1.032872	1.066825	1.101893	1.138115	1.175527	1.214169	1.254081	1.295305	1.337885
272	0.975201	0.968843	0.983578	1.012571	1	0.987585	0.975325	0.963216	0.951258	0.939449	0.927786	0.916268	0.904892	0.893658
273	0.994628	0.988252	0.998129	1.012571	1	0.987585	0.975325	0.963216	0.951258	0.939449	0.927786	0.916268	0.904892	0.893658
274	0.973079	0.983188	0.997338	1.012571	1	0.987585	0.975325	0.963216	0.951258	0.939449	0.927786	0.916268	0.904892	0.893658
275	0.935492	0.933902	0.966008	0.984624	1	1.015616	1.031476	1.047583	1.063942	1.080556	1.09743	1.114567	1.131972	1.149649
276	0.925599	0.934161	0.955607	0.984624	1	1.015616	1.031476	1.047583	1.063942	1.080556	1.09743	1.114567	1.131972	1.149649
277	0.931633	0.929611	0.961725	0.984624	1	1.015616	1.031476	1.047583	1.063942	1.080556	1.09743	1.114567	1.131972	1.149649
278	0.971818	0.967279	0.973868	0.982449	1	1.017864	1.036048	1.054556	1.073395	1.09257	1.112088	1.131954	1.152176	1.172759
279	0.945645	0.943451	0.96782	0.982449	1	1.017864	1.036048	1.054556	1.073395	1.09257	1.112088	1.131954	1.152176	1.172759
280	0.932301	0.936487	0.967626	0.982449	1	1.017864	1.036048	1.054556	1.073395	1.09257	1.112088	1.131954	1.152176	1.172759
281	0.923711	0.930269	0.949639	0.982449	1	1.017864	1.036048	1.054556	1.073395	1.09257	1.112088	1.131954	1.152176	1.172759
282	0.932301	0.936487	0.967626	0.982449	1	1.017864	1.036048	1.054556	1.073395	1.09257	1.112088	1.131954	1.152176	1.172759
283	0.984316	0.976038	0.98909	0.982938	1	1.017359	1.035018	1.052985	1.071263	1.089859	1.108777	1.128024	1.147605	1.167526
284	0.901306	0.899756	0.947228	0.982938	1	1.017359	1.035018	1.052985	1.071263	1.089859	1.108777	1.128024	1.147605	1.167526
285	0.921147	0.928056	0.955948	0.982938	1	1.017359	1.035018	1.052985	1.071263	1.089859	1.108777	1.128024	1.147605	1.167526
286	0.956975	0.953415	0.97088	0.982938	1	1.017359	1.035018	1.052985	1.071263	1.089859	1.108777	1.128024	1.147605	1.167526
287	0.97707	0.987212	1.001878	1.024507	1	0.976079	0.952731	0.929941	0.907696	0.885984	0.86479	0.844104	0.823913	0.804204
288	0.930592	0.94026	0.996077	1.024507	1	0.976079	0.952731	0.929941	0.907696	0.885984	0.86479	0.844104	0.823913	0.804204
289	0.97707	0.987212	1.001878	1.024507	1	0.976079	0.952731	0.929941	0.907696	0.885984	0.86479	0.844104	0.823913	0.804204
290	0.960391	0.965837	0.988166	1.024507	1	0.976079	0.952731	0.929941	0.907696	0.885984	0.86479	0.844104	0.823913	0.804204
291	0.960391	0.965837	0.988166	1.024507	1	0.976079	0.952731	0.929941	0.907696	0.885984	0.86479	0.844104	0.823913	0.804204
292	0.960391	0.965837	0.988166	1.024507	1	0.976079	0.952731	0.929941	0.907696	0.885984	0.86479	0.844104	0.823913	0.804204
293	0.960391	0.965837	0.988166	1.024507	1	0.976079	0.952731	0.929941	0.907696	0.885984	0.86479	0.844104	0.823913	0.804204
294	1.000055	1.002566	1.008346	1.024507	1	0.976079	0.952731	0.929941	0.907696	0.885984	0.86479	0.844104	0.823913	0.804204
295	0.946392	0.958326	0.995869	1.024507	1	0.976079	0.952731	0.929941	0.907696	0.885984	0.86479	0.844104	0.823913	0.804204
296	0.950554	0.97678	0.998538	1.024507	1	0.976079	0.952731	0.929941	0.907696	0.885984	0.86479	0.844104	0.823913	0.804204
297	0.974811	0.98608	1.005332	1.024507	1	0.976079	0.952731	0.929941	0.907696	0.885984	0.86479	0.844104	0.823913	0.804204
298	0.954601	0.969331	0.995525	1.024507	1	0.976079	0.952731	0.929941	0.907696	0.885984	0.86479	0.844104	0.823913	0.804204
299	0.954601	0.969331	0.995525	1.024507	1	0.976079	0.952731	0.929941	0.907696	0.885984	0.86479	0.844104	0.823913	0.804204
300	0.946392	0.958326	0.995869	1.024507	1	0.976079	0.952731	0.929941	0.907696	0.885984	0.86479	0.844104	0.823913	0.804204
301	1.302287	1.196815	1.127676	1.098219	1	0.910565	0.829129	0.754977	0.687456	0.625973	0.56999	0.519013	0.472595	0.430329
302	1.070952	1.002261	0.999488	1.098219	1	0.910565	0.829129	0.754977	0.687456	0.625973	0.56999	0.519013	0.472595	0.430329
303	1.109256	1.100226	1.092783	1.098219	1	0.910565	0.829129	0.754977	0.687456	0.625973	0.56999	0.519013	0.472595	0.430329
304	1.032905	1.024859	1.019694	1.023661	1	0.976886	0.954306	0.932249	0.910701	0.889651	0.869088	0.849	0.829376	0.810206
305	1.024655	1.028876	1.030546	1.023661	1	0.976886	0.954306	0.932249	0.910701	0.889651	0.869088	0.849	0.829376	0.810206
306	0.979402	0.992134	1.009851	1.023661	1	0.976886	0.954306	0.932249	0.910701	0.889651	0.869088	0.849	0.829376	0.810206
307	1.023442	1.017598	1.015705	1.016083	1	0.984182	0.968593	0.953292	0.938213	0.923372	0.908766	0.894324	0.880168	0.866236
308	0.968684	0.976308	0.992369	1.016072	1	0.984182	0.968614	0.953292	0.938213	0.923372	0.908766	0.894391	0.880243	0.866319
309	1.230246	1.190657	1.096924	1.016072	1	0.984182	0.968614	0.953292	0.938213	0.923372	0.908766	0.894391	0.880243	0.866319
310	0.968684	0.976308	0.992369	1.016072	1	0.984182	0.968614	0.953292	0.938213	0.923372	0.908766	0.894391	0.880243	0.866319
311	0.968684	0.976308	0.992369	1.016072	1	0.984182	0.968614	0.953292	0.938213	0.923372	0.908766	0.894391	0.880243	0.866319
312	1.053492	1.037722	1.02253	1.016072	1	0.984182	0.968614	0.953292	0.938213	0.923372	0.908766	0.894391	0.880243	0.866319
313	0.968684	0.976308	0.992369	1.016072	1	0.984182	0.968614	0.953292	0.938213	0.923372	0.908766	0.894391	0.880243	0.866319
314	1.012071	1.004936	0.994765	0.997376	1	1.002631	1.005269	1.007914	1.010566	1.013225	1.015891	1.018564	1.021244	1.023931
315	0.952585	0.961501	0.975924	0.997376	1	1.002631	1.005269	1.007914	1.010566	1.013225	1.015891	1.018564	1.021244	1.023931
316	0.956193	0.963469	0.980948	0.997376	1	1.002631	1.005269	1.007914	1.010566	1.013225	1.015891	1.018564	1.021244	1.023931
317	0.93258	0.943696	0.977913	0.997376	1	1.002631	1.005269	1.007914	1.010566	1.013225	1.015891	1.018564	1.021244	1.023931
318	0.912888	0.924053	0.954114	0.997376	1	1.002631	1.005269	1.007914	1.010566	1.013225	1.015891	1.018564	1.021244	1.023931
319	0.95802	0.965033	0.974125	0.997376	1	1.002631	1.005269	1.007914	1.010566	1.013225	1.015891	1.018564	1.021244	1.023931
320	0.981099	0.98576	0.991214	0.997376	1	1.002631	1.005269	1.007914	1.010566	1.013225	1.015891	1.018564	1.021244	1.023931
321	0.980897	0.981887	0.990088	0.997376	1	1.002631	1.005269	1.007914	1.010566	1.013225	1.015891	1.018564	1.021244	1.023931
322	0.970588	0.972102	0.981516	0.997376	1	1.002631	1.005269	1.007914	1.010566	1.013225	1.015891	1.018564	1.021244	1.023931
323	1.089252	1.050856	1.035127	1.031107	1	0.969831	0.940572	0.912196	0.884676	0.857987	0.832102	0.806999	0.782652	0.759041
324	1.089252	1.050856	1.035127	1.031107	1	0.969831	0.940572	0.912196	0.884676	0.857987	0.832102	0.806999	0.782652	0.759041
325	0.902292	0.913156	0.921565	0.984671	1	1.015567	1.031377	1.047433	1.063739	1.080298	1.097116	1.114195	1.13154	1.149155
326	0.943533	0.942609	0.965706	0.984671	1	1.015567	1.031377	1.047433	1.063739	1.080298	1.097116	1.114195	1.13154	1.149155
327	0.99814	0.994956	1.002522	1.032047	1	0.968948	0.938861	0.909708	0.88146	0.854089	0.827568	0.801871	0.776971	0.752845
328	0.971046	0.970094	0.980698	1.032047	1	0.968948	0.938861	0.909708	0.88146	0.854089	0.827568	0.801871	0.776971	0.752845
329	1.024537	0.989313	0.996608	1.032047	1	0.968948	0.938861	0.909708	0.88146	0.854089	0.827568	0.801871	0.776971	0.752845
330	0.962111	0.967277	0.966181	1.032047	1	0.968948	0.938861	0.909708	0.88146	0.854089	0.827568	0.801871	0.776971	0.752845
331	0.981481	0.990883	1.00911	1.032047	1	0.968948	0.938861	0.909708	0.88146	0.854089	0.827568	0.801871	0.776971	0.752845
332	0.893362	0.955531	0.988451	0.980634	1	1.019748	1.039886	1.060422	1.081363	1.102718	1.124494	1.146701	1.169346	1.192438
333	0.875778	0.89733	0.959616	0.980634	1	1.019748	1.039886	1.060422	1.081363	1.102718	1.124494	1.146701	1.169346	1.192438
334	0.950282	0.963586	0.975227	0.980634	1	1.019748	1.039886	1.060422	1.081363	1.102718	1.124494	1.146701	1.169346	1.192438
3														

337	0.970596	0.96586	0.971276	0.992085	1	1.007978	1.016019	1.024125	1.032295	1.040531	1.048832	1.057199	1.065633	1.074135
338	0.85773	0.945699	1.009643	0.992085	1	1.007978	1.016019	1.024125	1.032295	1.040531	1.048832	1.057199	1.065633	1.074135
339	0.85773	0.945699	1.009643	0.992085	1	1.007978	1.016019	1.024125	1.032295	1.040531	1.048832	1.057199	1.065633	1.074135
340	0.899369	0.922447	0.957541	0.992085	1	1.007978	1.016019	1.024125	1.032295	1.040531	1.048832	1.057199	1.065633	1.074135
341	1.038724	0.939879	0.912654	0.992085	1	1.007978	1.016019	1.024125	1.032295	1.040531	1.048832	1.057199	1.065633	1.074135
342	0.963517	0.973075	0.976428	0.992085	1	1.007978	1.016019	1.024125	1.032295	1.040531	1.048832	1.057199	1.065633	1.074135
343	1.003688	0.991062	0.999222	1.010373	1	0.989734	0.979573	0.969517	0.959563	0.949712	0.939962	0.930313	0.920762	0.911309
344	0.957808	0.96684	0.975212	1.010373	1	0.989734	0.979573	0.969517	0.959563	0.949712	0.939962	0.930313	0.920762	0.911309
345	0.933965	0.963628	0.985688	1.010373	1	0.989734	0.979573	0.969517	0.959563	0.949712	0.939962	0.930313	0.920762	0.911309
346	0.97274	0.982118	0.99345	1.006728	1	0.993317	0.986679	0.980085	0.973535	0.967029	0.960566	0.954147	0.94777	0.941436
347	0.913248	0.934043	0.979139	1.006728	1	0.993317	0.986679	0.980085	0.973535	0.967029	0.960566	0.954147	0.94777	0.941436
348	0.988791	0.975581	0.983185	1.006728	1	0.993317	0.986679	0.980085	0.973535	0.967029	0.960566	0.954147	0.94777	0.941436
349	0.966855	0.96146	0.974909	1.006728	1	0.993317	0.986679	0.980085	0.973535	0.967029	0.960566	0.954147	0.94777	0.941436
350	0.904332	0.937484	0.976488	0.99065	1	1.009438	1.018966	1.028583	1.038291	1.048091	1.057983	1.067968	1.078048	1.088223
351	0.966083	0.972758	0.984525	0.99065	1	1.009438	1.018966	1.028583	1.038291	1.048091	1.057983	1.067968	1.078048	1.088223
352	0.962132	0.965779	0.980827	0.99065	1	1.009438	1.018966	1.028583	1.038291	1.048091	1.057983	1.067968	1.078048	1.088223
353	0.959207	0.961548	0.97161	0.99065	1	1.009438	1.018966	1.028583	1.038291	1.048091	1.057983	1.067968	1.078048	1.088223
354	0.985457	0.978746	0.984353	0.99065	1	1.009438	1.018966	1.028583	1.038291	1.048091	1.057983	1.067968	1.078048	1.088223
355	1.000222	0.98908	0.9889	0.99065	1	1.009438	1.018966	1.028583	1.038291	1.048091	1.057983	1.067968	1.078048	1.088223
356	0.944934	0.963445	0.988599	0.99065	1	1.009438	1.018966	1.028583	1.038291	1.048091	1.057983	1.067968	1.078048	1.088223
357	0.936411	0.944689	0.964054	0.982482	1	1.01783	1.035978	1.05445	1.07325	1.092386	1.111864	1.131688	1.151866	1.172404
358	0.905247	0.926837	0.954528	0.982482	1	1.01783	1.035978	1.05445	1.07325	1.092386	1.111864	1.131688	1.151866	1.172404
359	0.95924	0.961772	0.976938	0.982482	1	1.01783	1.035978	1.05445	1.07325	1.092386	1.111864	1.131688	1.151866	1.172404
360	0.928938	0.941693	0.96526	0.982482	1	1.01783	1.035978	1.05445	1.07325	1.092386	1.111864	1.131688	1.151866	1.172404
361	0.903739	0.920323	0.949071	0.982482	1	1.01783	1.035978	1.05445	1.07325	1.092386	1.111864	1.131688	1.151866	1.172404
362	0.939146	0.928247	0.964607	0.98616	1	1.014034	1.028266	1.042696	1.05733	1.072169	1.087216	1.102474	1.117947	1.133636
363	0.945109	0.955392	0.973434	0.980125	1	1.020278	1.040966	1.062074	1.083611	1.105584	1.128002	1.150875	1.174212	1.198022
364	0.928009	0.94256	0.958716	0.980125	1	1.020278	1.040966	1.062074	1.083611	1.105584	1.128002	1.150875	1.174212	1.198022
365	0.954366	0.959357	0.965866	0.984686	1	1.015552	1.031346	1.047386	1.063675	1.080218	1.097018	1.114079	1.131405	1.149001
366	0.949443	0.954722	0.967871	0.984686	1	1.015552	1.031346	1.047386	1.063675	1.080218	1.097018	1.114079	1.131405	1.149001
367	0.962914	0.970416	0.974643	0.984686	1	1.015552	1.031346	1.047386	1.063675	1.080218	1.097018	1.114079	1.131405	1.149001
368	0.954836	0.95582	0.971231	0.990833	1	1.009251	1.018588	1.028012	1.037522	1.047121	1.056808	1.066585	1.076452	1.086411
369	0.956394	0.954156	0.973408	0.990833	1	1.009251	1.018588	1.028012	1.037522	1.047121	1.056808	1.066585	1.076452	1.086411
370	0.936347	0.94955	0.970318	0.990833	1	1.009251	1.018588	1.028012	1.037522	1.047121	1.056808	1.066585	1.076452	1.086411
371	0.961956	0.953567	0.972576	0.990833	1	1.009251	1.018588	1.028012	1.037522	1.047121	1.056808	1.066585	1.076452	1.086411
372	0.937251	0.937804	0.966212	0.990833	1	1.009251	1.018588	1.028012	1.037522	1.047121	1.056808	1.066585	1.076452	1.086411
373	0.938596	0.944978	0.965064	0.982804	1	1.017497	1.0353	1.053415	1.071846	1.090601	1.109683	1.129099	1.148855	1.168956
374	0.938596	0.944978	0.965064	0.982804	1	1.017497	1.0353	1.053415	1.071846	1.090601	1.109683	1.129099	1.148855	1.168956
375	0.938596	0.944978	0.965064	0.982804	1	1.017497	1.0353	1.053415	1.071846	1.090601	1.109683	1.129099	1.148855	1.168956
376	0.932956	0.93846	0.964303	0.982804	1	1.017497	1.0353	1.053415	1.071846	1.090601	1.109683	1.129099	1.148855	1.168956
377	0.980296	0.971071	0.992344	1.042437	1	0.959291	0.920239	0.882777	0.84684	0.812366	0.779295	0.747571	0.717138	0.687944
378	0.980296	0.971071	0.992344	1.042437	1	0.959291	0.920239	0.882777	0.84684	0.812366	0.779295	0.747571	0.717138	0.687944
379	0.974466	0.980147	0.981619	0.983568	1	1.016707	1.033692	1.050962	1.06852	1.086372	1.104521	1.122974	1.141735	1.16081
380	0.960853	0.968694	0.982261	0.983568	1	1.016707	1.033692	1.050962	1.06852	1.086372	1.104521	1.122974	1.141735	1.16081
381	0.822877	0.867575	0.967612	0.983568	1	1.016707	1.033692	1.050962	1.06852	1.086372	1.104521	1.122974	1.141735	1.16081
382	0.845229	0.865346	0.892173	0.983568	1	1.016707	1.033692	1.050962	1.06852	1.086372	1.104521	1.122974	1.141735	1.16081
383	0.730652	0.847389	1.005707	0.983568	1	1.016707	1.033692	1.050962	1.06852	1.086372	1.104521	1.122974	1.141735	1.16081
384	0.766978	0.825123	0.929048	0.994195	1	1.005839	1.011712	1.017619	1.02356	1.029537	1.035548	1.041594	1.047676	1.053793
385	1.005009	1.006084	0.993019	0.994195	1	1.005839	1.011712	1.017619	1.02356	1.029537	1.035548	1.041594	1.047676	1.053793
386	0.95887	0.949023	0.970147	0.994195	1	1.005839	1.011712	1.017619	1.02356	1.029537	1.035548	1.041594	1.047676	1.053793
387	0.973766	0.969578	0.985042	0.994195	1	1.005839	1.011712	1.017619	1.02356	1.029537	1.035548	1.041594	1.047676	1.053793
388	0.976818	0.977687	0.986234	0.994195	1	1.005839	1.011712	1.017619	1.02356	1.029537	1.035548	1.041594	1.047676	1.053793
389	0.964031	0.959182	0.980062	0.994195	1	1.005839	1.011712	1.017619	1.02356	1.029537	1.035548	1.041594	1.047676	1.053793
390	0.964031	0.959182	0.980062	0.994195	1	1.005839	1.011712	1.017619	1.02356	1.029537	1.035548	1.041594	1.047676	1.053793
391	0.964031	0.959182	0.980062	0.994195	1	1.005839	1.011712	1.017619	1.02356	1.029537	1.035548	1.041594	1.047676	1.053793
392	0.964031	0.959182	0.980062	0.994195	1	1.005839	1.011712	1.017619	1.02356	1.029537	1.035548	1.041594	1.047676	1.053793
393	0.964031	0.959182	0.980062	0.994195	1	1.005839	1.011712	1.017619	1.02356	1.029537	1.035548	1.041594	1.047676	1.053793
394	0.964031	0.959182	0.980062	0.994195	1	1.005839	1.011712	1.017619	1.02356	1.029537	1.035548	1.041594	1.047676	1.053793
395	0.919683	0.939604	0.966904	0.993102	1	1.006946	1.01394	1.020982	1.028073	1.035214	1.042404	1.049644	1.056935	1.064276
396	0.949455	0.980872	0.997915	0.991497	1	1.008576	1.017226	1.02595	1.034749	1.043623	1.052573	1.0616	1.070705	1.079887
397	0.965971	0.965308	0.978579	0.991497	1	1.008576	1.017226	1.02595	1.034749	1.043623	1.052573	1.0616	1.070705	1.079887
398	0.965971	0.965308	0.978579	0.991497	1	1.008576	1.017226	1.02595	1.034749	1.043623	1.052573	1.0616	1.070705	1.079887
399	0.965971	0.965308	0.978579	0.991497	1	1.008576	1.017226	1.02595	1.034749	1.043623	1.052573	1.0616	1.070705	1.079887
400	0.928038	0.907853	0.952352	0.991497	1	1.008576	1.017226	1.02595	1.034749	1.043623	1.052573	1.0616	1.070705	1.079887
401	0.965971	0.965308	0.978579	0.991497	1	1.008576	1.017226	1.02595	1.034749	1.043623	1.052573	1.0616	1.070705	1.079887
402	0.965971	0.965308	0.978579	0.991497	1	1.008576	1.017226	1.02595	1.034749	1.043623	1.052573	1.0616	1.070705	1.079887
403	0.965971	0.965308	0.978579</											

405	0.862419	0.921442	0.930196	0.991497	1	1.008576	1.017226	1.02595	1.034749	1.043623	1.052573	1.0616	1.070705	1.079887
406	0.965971	0.965308	0.978579	0.991497	1	1.008576	1.017226	1.02595	1.034749	1.043623	1.052573	1.0616	1.070705	1.079887
407	0.965971	0.965308	0.978579	0.991497	1	1.008576	1.017226	1.02595	1.034749	1.043623	1.052573	1.0616	1.070705	1.079887
408	0.788156	0.846629	0.930442	0.979087	1	1.02136	1.043176	1.065458	1.088216	1.11146	1.1352	1.159448	1.184213	1.209508
409	0.830885	0.870543	0.941492	0.982181	1	1.018143	1.036615	1.055422	1.07457	1.094066	1.113915	1.134124	1.1547	1.17565
410	0.886941	0.965719	0.990713	0.974083	1	1.026606	1.053921	1.081962	1.110749	1.140302	1.170642	1.201788	1.233764	1.26659
411	0.885513	0.901018	0.952484	0.984549	1	1.015694	1.031634	1.047825	1.064269	1.080972	1.097937	1.115167	1.132669	1.150445
412	0.869836	0.907317	0.952322	0.983462	1	1.016816	1.033914	1.0513	1.068979	1.086954	1.105232	1.123818	1.142715	1.161931
413	0.89095	0.962947	1.003637	1.022543	1	0.977954	0.956394	0.935309	0.91469	0.894524	0.874804	0.855518	0.836657	0.818212
414	0.925603	0.938006	0.964644	0.975261	1	1.025366	1.051376	1.078046	1.105392	1.133432	1.162183	1.191664	1.221892	1.252887
415	0.775934	0.840919	0.925038	0.984537	1	1.015706	1.031659	1.047862	1.06432	1.081037	1.098016	1.115261	1.132778	1.150569
416	1.030054	1.014511	0.996485	0.97541	1	1.02521	1.051055	1.077552	1.104717	1.132567	1.161119	1.190391	1.2204	1.251167
417	0.958666	0.969911	0.974321	0.979344	1	1.021092	1.042628	1.064619	1.087073	1.110001	1.133413	1.157318	1.181728	1.206653
418	0.952456	0.960647	0.972048	0.979344	1	1.021092	1.042628	1.064619	1.087073	1.110001	1.133413	1.157318	1.181728	1.206653
419	0.912061	0.935556	0.952894	0.979344	1	1.021092	1.042628	1.064619	1.087073	1.110001	1.133413	1.157318	1.181728	1.206653
420	0.966166	0.965393	0.973528	0.979344	1	1.021092	1.042628	1.064619	1.087073	1.110001	1.133413	1.157318	1.181728	1.206653
421	0.966166	0.965393	0.973528	0.979344	1	1.021092	1.042628	1.064619	1.087073	1.110001	1.133413	1.157318	1.181728	1.206653
422	1.03231	1.007834	1.011994	1.006317	1	0.993723	0.987485	0.981287	0.975127	0.969006	0.962924	0.956879	0.950873	0.944904
423	0.938177	0.948479	0.964212	0.968593	1	1.032425	1.065902	1.100464	1.136147	1.172987	1.211022	1.25029	1.290831	1.332686
424	1.068403	1.020955	0.997098	0.968593	1	1.032425	1.065902	1.100464	1.136147	1.172987	1.211022	1.25029	1.290831	1.332686
425	0.842732	0.889521	0.924528	0.985112	1	1.015113	1.030454	1.046028	1.061836	1.077884	1.094174	1.11071	1.127496	1.144536
426	0.870956	0.90501	0.935842	0.985112	1	1.015113	1.030454	1.046028	1.061836	1.077884	1.094174	1.11071	1.127496	1.144536
427	0.958458	0.964449	0.976199	0.988573	1	1.011559	1.023252	1.035079	1.047044	1.059147	1.071389	1.083774	1.096301	1.108973
428	1.080301	1.039585	1.007392	0.988573	1	1.011559	1.023252	1.035079	1.047044	1.059147	1.071389	1.083774	1.096301	1.108973
429	0.982941	0.980896	0.983462	0.988573	1	1.011559	1.023252	1.035079	1.047044	1.059147	1.071389	1.083774	1.096301	1.108973
430	0.963908	0.961363	0.965364	0.968853	1	1.032148	1.06533	1.099579	1.134929	1.171415	1.209074	1.247944	1.288063	1.329472
431	0.949828	0.95849	0.960912	0.968853	1	1.032148	1.06533	1.099579	1.134929	1.171415	1.209074	1.247944	1.288063	1.329472
432	0.968378	0.969114	0.969027	0.968853	1	1.032148	1.06533	1.099579	1.134929	1.171415	1.209074	1.247944	1.288063	1.329472
433	0.88117	0.929159	0.926506	0.979923	1	1.020488	1.041397	1.062733	1.084507	1.106726	1.129401	1.152541	1.176155	1.200252
434	0.905007	0.92631	0.938284	0.979923	1	1.020488	1.041397	1.062733	1.084507	1.106726	1.129401	1.152541	1.176155	1.200252
435	0.94412	0.965543	0.996623	0.994357	1	1.005675	1.011382	1.017122	1.022894	1.028699	1.034536	1.040407	1.046311	1.052249
436	0.919756	0.948388	0.982281	0.994357	1	1.005675	1.011382	1.017122	1.022894	1.028699	1.034536	1.040407	1.046311	1.052249
437	0.916579	0.933755	0.953223	0.967687	1	1.033392	1.067899	1.103558	1.140408	1.178488	1.21784	1.258506	1.30053	1.343957
438	0.983131	0.984891	0.985904	0.990259	1	1.009837	1.01977	1.029802	1.039932	1.050161	1.060491	1.070923	1.081458	1.092096
439	0.869866	0.906409	0.912716	0.978887	1	1.021569	1.043602	1.066112	1.089106	1.112597	1.136594	1.161109	1.186152	1.211736
440	0.941888	0.940165	0.949753	0.974054	1	1.026637	1.053984	1.082059	1.110882	1.140473	1.170852	1.202041	1.23406	1.266932
441	0.928205	0.939539	0.958938	0.976157	1	1.024426	1.049448	1.075082	1.101342	1.128243	1.155801	1.184033	1.212954	1.242581
442	1.016503	1.008056	0.996905	0.979075	1	1.021372	1.0432	1.065496	1.088267	1.111526	1.135281	1.159544	1.184326	1.209637
443	0.944493	0.936814	0.953607	0.981838	1	1.018498	1.037338	1.056526	1.076069	1.095974	1.116247	1.136895	1.157925	1.179344
444	0.944493	0.936814	0.953607	0.981838	1	1.018498	1.037338	1.056526	1.076069	1.095974	1.116247	1.136895	1.157925	1.179344
445	0.980761	0.981585	0.992765	0.976131	1	1.024452	1.049502	1.075165	1.101455	1.128388	1.155979	1.184245	1.213203	1.242868
446	0.924672	0.942315	0.965496	0.981909	1	1.018424	1.037187	1.056297	1.075758	1.095577	1.115762	1.136319	1.157255	1.178576
447	0.87519	0.905034	0.940033	0.96663	1	1.034522	1.070235	1.107182	1.145404	1.184945	1.225851	1.26817	1.311949	1.35724
448	0.963421	0.969289	0.958537	0.96215	1	1.039339	1.080226	1.122722	1.166889	1.212794	1.260505	1.310092	1.36163	1.415196
449	0.944712	0.948623	0.963228	0.978561	1	1.021909	1.044298	1.067177	1.090558	1.11445	1.138867	1.163818	1.189316	1.215372
450	0.897339	0.921118	0.955091	0.976798	1	1.023753	1.048071	1.072966	1.098452	1.124544	1.151255	1.178601	1.206596	1.235257
451	0.97907	0.976965	0.9847	0.983124	1	1.017166	1.034627	1.052387	1.070452	1.088827	1.107518	1.12653	1.145867	1.165537
452	0.980946	0.978366	0.985076	0.983124	1	1.017166	1.034627	1.052387	1.070452	1.088827	1.107518	1.12653	1.145867	1.165537
453	1.022064	1.003177	0.993314	0.983124	1	1.017166	1.034627	1.052387	1.070452	1.088827	1.107518	1.12653	1.145867	1.165537
454	0.949223	0.960651	0.968388	0.974292	1	1.026387	1.053469	1.081267	1.109798	1.139082	1.169138	1.199988	1.231651	1.26415
455	0.93451	0.946864	0.970367	0.974292	1	1.026387	1.053469	1.081267	1.109798	1.139082	1.169138	1.199988	1.231651	1.26415
456	0.894236	0.915483	0.942578	0.976765	1	1.023788	1.048142	1.073075	1.098601	1.124734	1.15149	1.178881	1.206924	1.235634
457	0.953478	0.95344	0.964157	0.975722	1	1.024882	1.050382	1.076517	1.103303	1.130755	1.15889	1.187725	1.217277	1.247565
458	0.926277	0.937484	0.961373	0.976647	1	1.023911	1.048394	1.073462	1.099129	1.125411	1.15232	1.179873	1.208085	1.236972
459	0.880727	0.907986	0.949662	0.976647	1	1.023911	1.048394	1.073462	1.099129	1.125411	1.15232	1.179873	1.208085	1.236972
460	0.907437	0.937083	0.95417	0.976647	1	1.023911	1.048394	1.073462	1.099129	1.125411	1.15232	1.179873	1.208085	1.236972
461	0.944389	0.954796	0.963938	0.972277	1	1.028514	1.057841	1.088004	1.119027	1.150935	1.183752	1.217506	1.252222	1.287927
462	0.858903	0.908153	0.909596	0.977501	1	1.023017	1.046564	1.070653	1.095296	1.120506	1.146297	1.172681	1.199673	1.227286
463	0.897143	0.935029	0.955493	0.973358	1	1.027137	1.055011	1.083641	1.113049	1.143254	1.174279	1.206146	1.238877	1.272497
464	0.95763	0.966785	0.97186	0.976888	1	1.023659	1.047877	1.072669	1.098047	1.124026	1.150619	1.177841	1.205708	1.234233
465	0.891387	0.912887	0.941483	0.973769	1	1.026937	1.0546	1.083009	1.112182	1.142141	1.172908	1.204503	1.236949	1.270269
466	0.949255	0.958178	0.967974	0.978084	1	1.022408	1.045317	1.06874	1.092688	1.117173	1.142206	1.1678	1.193968	1.220721
467	0.957623	0.966873	0.966701	0.972523	1	1.028253	1.057305	1.087177	1.117893	1.149477	1.181954	1.215348	1.249685	1.284993
468	0.936335	0.945567	0.958489	0.977777	1	1.022728	1.045972	1.069745	1.094058	1.118924	1.144354	1.170363	1.196963	1.224168
469	0.936335	0.945567	0.958489	0.977777	1	1.022728	1.045972	1.069745	1.094058	1.118924	1.144354	1.170363	1.196963	1.224168
470	0.914175	0.928198	0.94672	0.973797	1	1.026908	1.054539	1.082914	1.112053	1.141976	1.172704	1.204258	1.236662	1.269937
471	0.919436													

473	0.905496	0.925281	0.94676	0.975229	1	1.025401	1.051446	1.078154	1.105539	1.133621	1.162415	1.191941	1.222217	1.253262
474	0.873488	0.900915	0.939026	0.973677	1	1.027035	1.054801	1.083317	1.112604	1.142683	1.173576	1.205303	1.237888	1.271355
475	0.926443	0.948854	0.96326	0.974433	1	1.026238	1.053165	1.080798	1.109156	1.138258	1.168123	1.198773	1.230226	1.262505
476	0.906154	0.93101	0.952567	0.974433	1	1.026238	1.053165	1.080798	1.109156	1.138258	1.168123	1.198773	1.230226	1.262505
477	0.936216	0.953218	0.965389	0.974433	1	1.026238	1.053165	1.080798	1.109156	1.138258	1.168123	1.198773	1.230226	1.262505
478	0.927056	0.947831	0.965714	0.976662	1	1.023895	1.048362	1.073412	1.099062	1.125324	1.152214	1.179747	1.207937	1.236801
479	0.97813	0.977054	0.978355	0.976662	1	1.023895	1.048362	1.073412	1.099062	1.125324	1.152214	1.179747	1.207937	1.236801
480	0.948551	0.960712	0.963775	0.968708	1	1.032303	1.065649	1.100073	1.135609	1.172292	1.210161	1.249253	1.289607	1.331266
481	0.934319	0.952398	0.966843	0.976662	1	1.023895	1.048362	1.073412	1.099062	1.125324	1.152214	1.179747	1.207937	1.236801
482	0.919032	0.937027	0.954203	0.972253	1	1.028539	1.057892	1.088082	1.119135	1.151073	1.183923	1.217711	1.252463	1.288206
483	0.925508	0.942214	0.961955	0.974533	1	1.026133	1.052949	1.080465	1.108701	1.137675	1.167406	1.197913	1.229218	1.261341
484	0.935611	0.948607	0.964316	0.974533	1	1.026133	1.052949	1.080465	1.108701	1.137675	1.167406	1.197913	1.229218	1.261341
485	0.948425	0.960925	0.980254	0.987984	1	1.012162	1.024473	1.036933	1.049545	1.06231	1.07523	1.088307	1.101544	1.114941
486	0.932983	0.94819	0.969509	0.992386	1	1.007673	1.015404	1.023195	1.031045	1.038956	1.046928	1.05496	1.063054	1.071211
487	0.89397	0.924963	0.952301	0.974793	1	1.025858	1.052386	1.079599	1.107515	1.136154	1.165533	1.195672	1.22659	1.258308
488	0.958978	0.956053	0.968856	0.980459	1	1.01993	1.040257	1.06099	1.082135	1.103702	1.125699	1.148134	1.171017	1.194355
489	0.934391	0.948902	0.951621	0.978475	1	1.021998	1.044481	1.067458	1.09094	1.114939	1.139466	1.164532	1.19015	1.216332
490	0.934391	0.948902	0.951621	0.978475	1	1.021998	1.044481	1.067458	1.09094	1.114939	1.139466	1.164532	1.19015	1.216332
491	0.934701	0.949217	0.952965	0.97595	1	1.024643	1.049893	1.075765	1.102275	1.129439	1.157271	1.18579	1.215011	1.244952
492	0.93326	0.945896	0.954529	0.974417	1	1.026255	1.0532	1.080851	1.109229	1.138352	1.16824	1.198912	1.23039	1.262694
493	0.962541	0.967152	0.980877	0.990176	1	1.009922	1.019942	1.030062	1.040282	1.050604	1.061027	1.071555	1.082187	1.092924
494	0.947632	0.948598	0.953905	0.973616	1	1.027099	1.054933	1.08352	1.112883	1.143041	1.174016	1.205831	1.238508	1.272071
495	0.909649	0.924467	0.95354	0.973616	1	1.027099	1.054933	1.08352	1.112883	1.143041	1.174016	1.205831	1.238508	1.272071
496	0.953693	0.948448	0.950985	0.973616	1	1.027099	1.054933	1.08352	1.112883	1.143041	1.174016	1.205831	1.238508	1.272071
497	0.953693	0.948448	0.950985	0.973616	1	1.027099	1.054933	1.08352	1.112883	1.143041	1.174016	1.205831	1.238508	1.272071
498	0.953693	0.948448	0.950985	0.973616	1	1.027099	1.054933	1.08352	1.112883	1.143041	1.174016	1.205831	1.238508	1.272071
499	0.925526	0.926239	0.945564	0.970942	1	1.029928	1.060751	1.092497	1.125193	1.158868	1.19355	1.229271	1.26606	1.303951
500	0.925526	0.926239	0.945564	0.970942	1	1.029928	1.060751	1.092497	1.125193	1.158868	1.19355	1.229271	1.26606	1.303951
501	0.924437	0.938044	0.952355	0.978572	1	1.021898	1.044275	1.067142	1.090509	1.114389	1.138791	1.163728	1.189211	1.215251
502	0.928198	0.938037	0.950299	0.978572	1	1.021898	1.044275	1.067142	1.090509	1.114389	1.138791	1.163728	1.189211	1.215251
503	0.91612	0.934305	0.95172	0.978572	1	1.021898	1.044275	1.067142	1.090509	1.114389	1.138791	1.163728	1.189211	1.215251
504	0.931968	0.945546	0.962294	0.977271	1	1.023258	1.047057	1.071409	1.096328	1.121826	1.147918	1.174616	1.201935	1.22989
505	0.931968	0.945546	0.962294	0.977271	1	1.023258	1.047057	1.071409	1.096328	1.121826	1.147918	1.174616	1.201935	1.22989
506	0.914095	0.929644	0.948127	0.968466	1	1.032561	1.066183	1.100899	1.136745	1.173759	1.211978	1.251441	1.29219	1.334265
507	0.910258	0.928391	0.950819	0.970608	1	1.030282	1.06148	1.093624	1.126741	1.16086	1.196013	1.232231	1.269545	1.307989
508	0.863492	0.892074	0.926915	0.974123	1	1.026565	1.053835	1.08183	1.110569	1.140071	1.170357	1.201448	1.233364	1.266128
509	0.942355	0.954323	0.964227	0.980671	1	1.01971	1.039808	1.060303	1.1081201	1.102512	1.124242	1.146401	1.168996	1.192037
510	0.909792	0.930526	0.95156	0.969501	1	1.031458	1.063906	1.097374	1.131896	1.167503	1.204231	1.242114	1.281188	1.321492
511	0.926317	0.947132	0.961758	0.97908	1	1.021367	1.04319	1.065479	1.088245	1.111497	1.135246	1.159502	1.184277	1.209581
512	0.883409	0.910318	0.940671	0.977315	1	1.023211	1.046961	1.071263	1.096128	1.121571	1.147604	1.174241	1.201497	1.229385
513	0.916299	0.946491	0.964487	0.978378	1	1.022099	1.044687	1.067774	1.091371	1.11549	1.140142	1.165338	1.191091	1.217414
514	0.919732	0.942311	0.968349	0.992041	1	1.008023	1.01611	1.024262	1.032479	1.040762	1.049112	1.057529	1.066013	1.074565
515	0.914632	0.935568	0.962248	0.975849	1	1.024749	1.050111	1.0761	1.102732	1.130024	1.157991	1.18665	1.216019	1.246114
516	0.914632	0.935568	0.962248	0.975849	1	1.024749	1.050111	1.0761	1.102732	1.130024	1.157991	1.18665	1.216019	1.246114
517	0.944841	0.949074	0.959939	0.978657	1	1.021809	1.044094	1.066864	1.090131	1.113906	1.138199	1.163022	1.188386	1.214304
518	0.924585	0.939581	0.952683	0.976925	1	1.02362	1.047797	1.072546	1.097879	1.12381	1.150354	1.177525	1.205338	1.233807
519	0.921043	0.941914	0.965677	0.975818	1	1.024782	1.050177	1.076202	1.102872	1.130203	1.158211	1.186913	1.216327	1.246469
520	0.857452	0.956848	1.00081	0.971622	1	1.029207	1.059267	1.090204	1.122046	1.154817	1.188545	1.223259	1.258986	1.295757
521	0.867731	0.902128	0.944673	0.973594	1	1.027122	1.05498	1.083593	1.112982	1.143168	1.174173	1.206019	1.238729	1.272326
522	1.024717	1.068094	1.090555	0.973594	1	1.027122	1.05498	1.083593	1.112982	1.143168	1.174173	1.206019	1.238729	1.272326
523	0.88061	0.91041	0.943433	0.973594	1	1.027122	1.05498	1.083593	1.112982	1.143168	1.174173	1.206019	1.238729	1.272326
524	0.884947	0.920026	0.963415	0.99291	1	1.00714	1.014331	1.021574	1.028868	1.036215	1.043613	1.051065	1.05857	1.066128
525	1.025605	1.069019	1.0915	0.974438	1	1.026233	1.053154	1.080782	1.109134	1.13823	1.168089	1.198732	1.230178	1.262449
526	0.881373	0.911199	0.94425	0.974438	1	1.026233	1.053154	1.080782	1.109134	1.13823	1.168089	1.198732	1.230178	1.262449
527	0.936917	0.948357	0.967939	0.985319	1	1.019119	1.038604	1.058462	1.078699	1.099323	1.120342	1.141762	1.163592	1.185839
528	0.936917	0.948357	0.967939	0.985319	1	1.019119	1.038604	1.058462	1.078699	1.099323	1.120342	1.141762	1.163592	1.185839
529	0.936917	0.948357	0.967939	0.985319	1	1.019119	1.038604	1.058462	1.078699	1.099323	1.120342	1.141762	1.163592	1.185839
530	0.936917	0.948357	0.967939	0.985319	1	1.019119	1.038604	1.058462	1.078699	1.099323	1.120342	1.141762	1.163592	1.185839
531	0.936917	0.948357	0.967939	0.985319	1	1.019119	1.038604	1.058462	1.078699	1.099323	1.120342	1.141762	1.163592	1.185839
532	0.936917	0.948357	0.967939	0.985319	1	1.019119	1.038604	1.058462	1.078699	1.099323	1.120342	1.141762	1.163592	1.185839
533	0.936917	0.948357	0.967939	0.985319	1	1.019119	1.038604	1.058462	1.078699	1.099323	1.120342	1.141762	1.163592	1.185839
534	0.936917	0.948357	0.967939	0.985319	1	1.019119	1.038604	1.058462	1.078699	1.099323	1.120342	1.141762	1.163592	1.185839
535	0.936917	0.948357	0.967939	0.985319	1	1.019119	1.038604	1.058462	1.078699	1.099323	1.120342	1.141762	1.163592	1.185839
536	0.936917	0.948357	0.967939	0.985319	1	1.019119	1.038604	1.058462	1.078699	1.099323	1.120342	1.141762	1.163592	1.185839

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