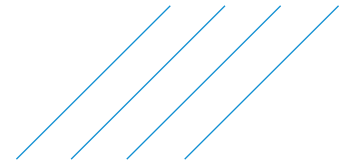


## 2019 Global Location Indices – Dubai Base

## UNITED STATES

City	State	Final Factor	2018-2019 Escalation	City	State	Final Factor	2018-2019 Escalation
Washington D.C.		155.34	3.95%	South Bend	IN	160.03	5.95%
Anchorage	AK	188.49	4.16%	Topeka	KS	161.35	6.84%
Fairbanks	AK	191.95	7.67%	Wichita	KS	156.35	8.59%
Birmingham	AL	141.99	4.56%	Louisville	KY	148.17	5.31%
Huntsville	AL	142.71	5.04%	Baton Rouge	LA	141.81	4.03%
Mobile	AL	142.81	4.82%	New Orleans	LA	141.45	5.04%
Montgomery	AL	143.81	4.62%	Shreveport	LA	140.35	4.42%
Little Rock	AR	155.56	9.44%	Boston	MA	189.73	3.40%
Phoenix	AZ	162.16	7.93%	New Bedford	MA	178.77	2.97%
Tucson	AZ	154.82	11.13%	Springfield	MA	184.95	7.87%
Anaheim	CA	180.45	6.11%	Worcester	MA	187.86	5.44%
Fresno	CA	185.51	5.96%	Baltimore	MD	152.33	4.15%
Los Angeles	CA	190.56	6.38%	Portland	ME	153.92	4.32%
Riverside	CA	181.03	9.91%	Ann Arbor	MI	155.77	0.67%
Sacramento	CA	189.87	5.74%	Dearborn	MI	156.26	0.66%
San Diego	CA	173.41	4.74%	Detroit	MI	158.55	1.32%
San Francisco	CA	220.82	5.14%	Flint	MI	160.81	6.85%
San Jose	CA	220.32	8.99%	Grand Rapids	MI	150.85	7.13%
Santa Barbara	CA	185.66	6.50%	Lansing	MI	158.14	6.70%
Denver	CO	167.64	7.91%	Duluth	MN	165.95	5.57%
Hartford	CT	180.01	4.09%	Minneapolis	MN	171.75	2.19%
New Haven	CT	180.03	3.99%	Rochester	MN	162.31	3.02%
Stamford	CT	190.81	7.56%	St Paul	MN	173.09	4.29%
Wilmington	DE	165.08	1.66%	Kansas City	MO	167.92	2.64%
Jacksonville	FL	140.96	6.70%	St Louis	MO	176.75	6.47%
Miami	FL	150.02	1.75%	Jackson	MS	146.25	8.40%
Orlando	FL	146.45	5.88%	Billings	MT	159.56	9.68%
Pensacola	FL	139.64	5.79%	Charlotte	NC	137.18	4.37%
Tallahassee	FL	135.77	7.25%	Raleigh	NC	141.33	4.72%
Tampa	FL	139.77	2.78%	Fargo	ND	156.15	6.46%
Atlanta	GA	149.70	9.73%	Lincoln	NE	152.19	---
Savannah	GA	146.43	8.11%	Omaha	NE	151.22	7.89%
Honolulu	HI	225.45	4.14%	Manchester	NH	157.79	4.43%
Cedar Rapids	IA	150.01	7.04%	New Brunswick	NJ	191.29	2.00%
Davenport	IA	158.49	6.50%	Newark	NJ	192.82	2.74%
Des Moines	IA	147.54	6.31%	Trenton	NJ	186.53	1.89%
Boise	ID	152.01	7.60%	Albuquerque	NM	150.21	4.48%
Chicago	IL	185.25	4.84%	Santa Fe	NM	162.82	10.95%
Peoria	IL	169.94	2.95%	Las Vegas	NV	174.88	10.09%
Rock Island	IL	161.93	6.44%	Albany	NY	176.58	5.99%
Rockford	IL	165.74	2.02%	Buffalo	NY	186.71	8.57%
Evansville	IN	157.75	6.07%	New York	NY	218.65	1.75%
Indianapolis	IN	152.78	4.08%	Rochester	NY	162.31	3.02%

All locations have been factored to Dubai with a value of 100.



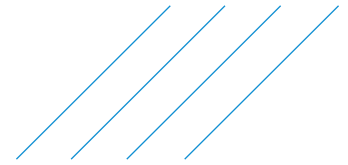
2019 Global Location Indices – Dubai Base

UNITED STATES

City	State	Final Factor	2018-2019 Escalation
Schenectady	NY	175.84	6.18%
Syracuse	NY	171.83	5.02%
Akron	OH	154.83	0.82%
Cincinnati	OH	145.35	3.62%
Cleveland	OH	158.75	3.36%
Columbus	OH	154.49	6.70%
Dayton	OH	150.50	7.00%
Toledo	OH	163.04	6.76%
Youngstown	OH	157.68	7.51%
Oklahoma City	OK	143.23	5.19%
Tulsa	OK	148.98	8.58%
Portland	OR	153.92	4.32%
Erie	PA	154.14	1.54%
Philadelphia	PA	187.53	3.61%
Pittsburgh	PA	161.98	2.27%
Reading	PA	158.12	1.71%
Scranton	PA	150.07	1.82%
York	PA	151.35	2.13%
San Juan	PR	121.74	4.24%
Providence	RI	173.94	3.08%
Charleston	SC	146.60	7.82%
Columbia	SC	138.08	5.59%
Spartanburg	SC	139.43	6.91%
Sioux Falls	SD	152.41	8.42%
Chattanooga	TN	147.18	7.67%
Knoxville	TN	137.75	5.25%
Memphis	TN	143.54	5.47%
Nashville	TN	152.96	7.38%
Austin	TX	135.55	4.65%
Corpus Christi	TX	135.48	8.92%
Dallas	TX	143.50	7.48%
El Paso	TX	145.29	8.60%
Fort Worth	TX	142.04	6.73%
Houston	TX	135.64	7.09%
Lubbock	TX	150.95	8.52%
San Antonio	TX	132.00	3.81%
Salt Lake City	UT	152.78	7.64%
Alexandria	VA	154.22	3.56%
Newport News	VA	144.36	---
Norfolk	VA	137.33	3.71%
Richmond	VA	145.73	4.73%
Burlington	VT	158.68	4.24%
Seattle	WA	197.28	6.30%

City	State	Final Factor	2018-2019 Escalation
Spokane	WA	175.32	6.26%
Tacoma	WA	193.43	9.84%
Green Bay	WI	171.35	7.41%
Madison	WI	174.20	6.96%
Milwaukee	WI	178.54	6.70%
Charleston	WV	146.60	7.82%
Cheyenne	WY	159.35	10.19%

All locations have been factored to Dubai with a value of 100.



## 2019 Global Location Indices – Dubai Base

## CANADA

City	Province	Final Factor	2018-2019 Escalation
Calgary	AB	175.38	11.39%
Edmonton	AB	175.99	11.45%
Halifax	NS	184.70	10.40%
Hamilton	ON	179.81	4.97%
Kitchener	ON	178.77	7.91%
London	ON	179.19	10.27%
Montreal	QC	170.87	6.57%
Ottawa	ON	175.96	7.52%
Quebec	QC	165.61	5.00%
Regina	SK	181.78	11.83%
Saint John	NB	181.05	13.92%
Saskatoon	SK	180.35	10.57%
St. Catharines	ON	177.59	7.93%
Sudbury	ON	177.48	8.12%
Thunder Bay	ON	176.63	8.01%
Toronto	ON	183.71	10.03%
Vancouver	BC	175.54	8.63%
Windsor	ON	177.96	7.59%
Winnipeg	MB	171.42	12.93%

## MEXICO

City	State	Final Factor
Acapulco	GR	107.06
Aguascalientes	AG	105.27
Cancún	QR	113.21
Chihuahua	CH	106.17
Ciudad Del Carmen	CM	113.31
Guadalajara	JA	105.67
León	GT	105.32
Los Cabos	BS	113.94
Manzanillo	CL	106.55
Mazatlán	GR	105.81
Mérida	YU	113.31
Mexico City	DF	105.18
Monterrey	NL	110.72
Morelia	MI	105.32
Oaxaca	OA	103.09
Playa Del Carmen	QR	113.21
Puebla	PU	104.73
Puerto Vallarta	JA	105.83
Querétaro	QT	105.32
San Luis Potosí	SL	105.32
Tampico	TM	105.03
Tijuana	BC	124.83
Veracruz	VE	105.32
Villahermosa	GR	105.32



## 2019 Global Location Indices – Dubai Base

## INTERNATIONAL

Country	City	Final Factor	Country	City	Final Factor
<b>AFRICA</b>			Vietnam	Ho Chi Minh	68.07
Botswana	Gaborone	90.09	<b>CARIBBEAN</b>		
Egypt	Cairo	123.18	Antigua/Barbuda		182.25
Ghana	Accra	116.25	Bahamas		184.04
Kenya	Nairobi	48.92	Barbados		158.79
Mozambique	Maputo	115.19	Bermuda		243.94
Rwanda	Kigali	72.20	British Virgin Islands		190.43
Senegal	Dakar	104.04	Cayman Islands		199.29
South Africa	Johannesburg	61.04	Curacao		108.24
Tanzania	Dar es Salaam	56.20	Dominican Republic		95.79
Uganda	Kampala	64.71	Jamaica		116.97
Zambia	Lusaka	87.85	St. Lucia		136.47
Zimbabwe	Harare	112.65	St. Maarten		158.41
<b>ASIA</b>			Trinidad & Tobago		144.84
China	Beijing	99.85	Turks & Caicos		180.04
China	Chengdu	88.58	<b>EUROPE</b>		
China	Guangzhou	96.62	Austria	Vienna	178.87
China	Hong Kong	241.99	France	Paris	196.91
China	Macau	159.92	Germany	Berlin	168.00
China	Shanghai	97.04	Germany	Frankfurt	172.01
China	Shenzhen	94.30	Germany	Munich	185.69
China	Tianjin	84.19	Hungary	Budapest	98.39
China	Wuhan	56.06	Ireland	Dublin	169.14
China	Wuxi	89.26	Netherlands	Amsterdam	184.69
China	Xi'an	81.38	Norway	Oslo	201.45
China	Zhuhai	81.57	Poland	Warsaw	74.23
India	Ahmedabad	50.92	Spain	Barcelona	150.79
India	Bengaluru	49.49	Spain	Madrid	148.59
India	Chennai	49.36	Sweden	Stockholm	181.97
India	Goa	49.58	Switzerland	Zurich	245.37
India	Hyderabad	53.00	UK	Belfast	123.27
India	Kochi	51.44	UK	Birmingham	160.22
India	Kolkata	53.26	UK	Bristol	144.66
India	Mumbai	53.26	UK	Cardiff	144.66
India	New Delhi	55.08	UK	Edinburgh	139.49
India	Pune	51.44	UK	Leeds	182.36
Indonesia	Jakarta	49.83	UK	London	196.52
Japan	Tokyo	208.68	UK	Manchester	161.02
Kazakhstan	Atyrau	87.03	UK	Newcastle	155.64
Malaysia	Kuala Lumpur	58.60	UK	Nottingham	147.89
Singapore	Singapore	154.91	UK	Reading	189.17
South Korea	Seoul	119.25			
Thailand	Bangkok	58.18			

All locations have been factored to Dubai with a value of 100.



## 2019 Global Location Indices – Dubai Base

## INTERNATIONAL

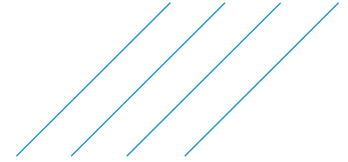
Country	City	Final Factor
<b>MIDDLE EAST</b>		
Oman	Muscat	88.56
Qatar	Doha	148.31
Saudi Arabia	Riyadh	113.17
UAE	Abu Dhabi	99.23
<b>UAE</b>	<b>Dubai</b>	<b>100.00</b>
<b>OCEANIA</b>		
Australia	Adelaide	114.37
Australia	Brisbane	129.23
Australia	Canberra	148.20
Australia	Darwin	126.06
Australia	Melbourne	130.49
Australia	Perth	117.54
Australia	Sydney	152.62
New Zealand	Auckland	137.73
New Zealand	Christchurch	131.57
<b>SOUTH AND CENTRAL AMERICA</b>		
Argentina	Buenos Aires	77.88
Brazil	Brasília	56.83
Brazil	Rio de Janeiro	68.80
Brazil	São Paulo	70.34
Chile	Santiago	86.61
Colombia	Bogotá	75.13
Panama	Panama City	91.75

## Exchange Rates

United States Dollar	USD	1.00		
Argentinian Peso	ARS	40.51	Nigerian Naira	NGN 360.92
Australian Dollar	AUD	1.41	New Zealand Dollar	NZD 1.46
Brazilian Real	BRL	3.79	Norwegian Krone	NOK 8.52
Canadian Dollar	CAD	1.33	Omani Rial	OMR 2.60
Chinese Yuan Renminbi	CNY	6.73	Philippines Peso	PHP 52.89
Colombian Peso	COP	3096.95	Poland Zloty	PLN 3.78
Egyptian Pound	EGP	17.29	Qatar Riyal	QAR 3.64
Euro	EUR	0.88	Saudi Arabia Riyal	SAR 3.75
Great Britain Pound	GBP	0.75	Singapore Dollar	SGD 1.35
Hong Kong Dollar	HKD	7.85	South African Rand	ZAR 14.50
Indian Rupee	INR	69.03	Swedish Krona	SEK 9.21
Indonesian Rupiah	IDR	14227.72	Swiss Franc	CHF 1.00
Japanese Yen	JPY	111.42	Thai Baht	THB 31.67
Kenya Shilling	KES	100.89	Trinidad and Tobago Dollar	TTD 6.77
Malaysia Ringgit	MYR	4.07	Tanzanian Shilling	TZS 2341.61
Macau Pataca	MOP	8.09	Vietnamese Dong	VND 23200.72
Mexican Peso	MXN	19.01	UAE Dirham	AED 3.67

Note: Exchange rates are accurate as of March 2019

All locations have been factored to Dubai with a value of 100.



## 2019 Global Location Indices – Dubai Base

Faithful+Gould’s global location factor update for 2019 has been developed with internal data from international sources, as well as research based on publicly available information.

- Indices have been calculated using a standardized approach considering actual labor, materials, productivity and total construction costs across all studied locations.
- The cost data used has been sourced from projects representative of typical western building standards.
- The indices are a relative representation of varying locations and economies; actual costs are dependent on unique project characteristics.
- Application of an index to a particular project requires specific analysis by one of our technical staff.
- All indices for locations outside of the United States have been calculated considering local inflation and currency values at the time of publication. Exchange rates used are listed in the downloadable file.

### Disclaimer

The data including location indices represented on this webpage and the information contained herein are provided for the user for guide and information purposes only and Faithful+Gould does not make any representation or warranty as to the factual accuracy of the information provided.

Factors such as the ratio of imported to local materials and labor and relative construction supply and demand for each project can have a substantial impact on international project cost.

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