

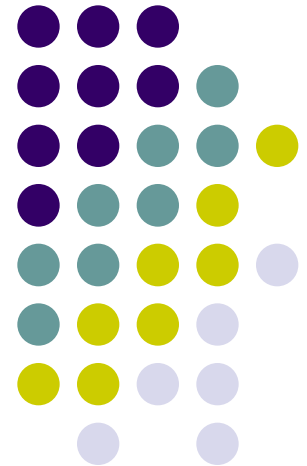
Scottsdale Green Building Trends



City of Scottsdale Green Building Program

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Scottsdale Building Trends

2000 – 2014

- **Energy Efficiency**

- Cathedralized attics (insulation at underside of roof decks)
- Adoption of amended 2006 Energy Code with 15% improved efficiency
- Adoption of 2012 Energy Code with additional 15% improved efficiency

- **Water Efficiency** – city ordinances

- Xeriscaping and efficient irrigation systems
- Efficient hot water delivery systems
- High efficiency plumbing fixtures



- **Heat Island Mitigation** – city ordinances & guidelines

- Shaded entrances, courtyards, and permeable surfaces

- **Solar Panel Systems** – permit process

- Streamlined permit process for solar electric (PV) and solar hot water systems

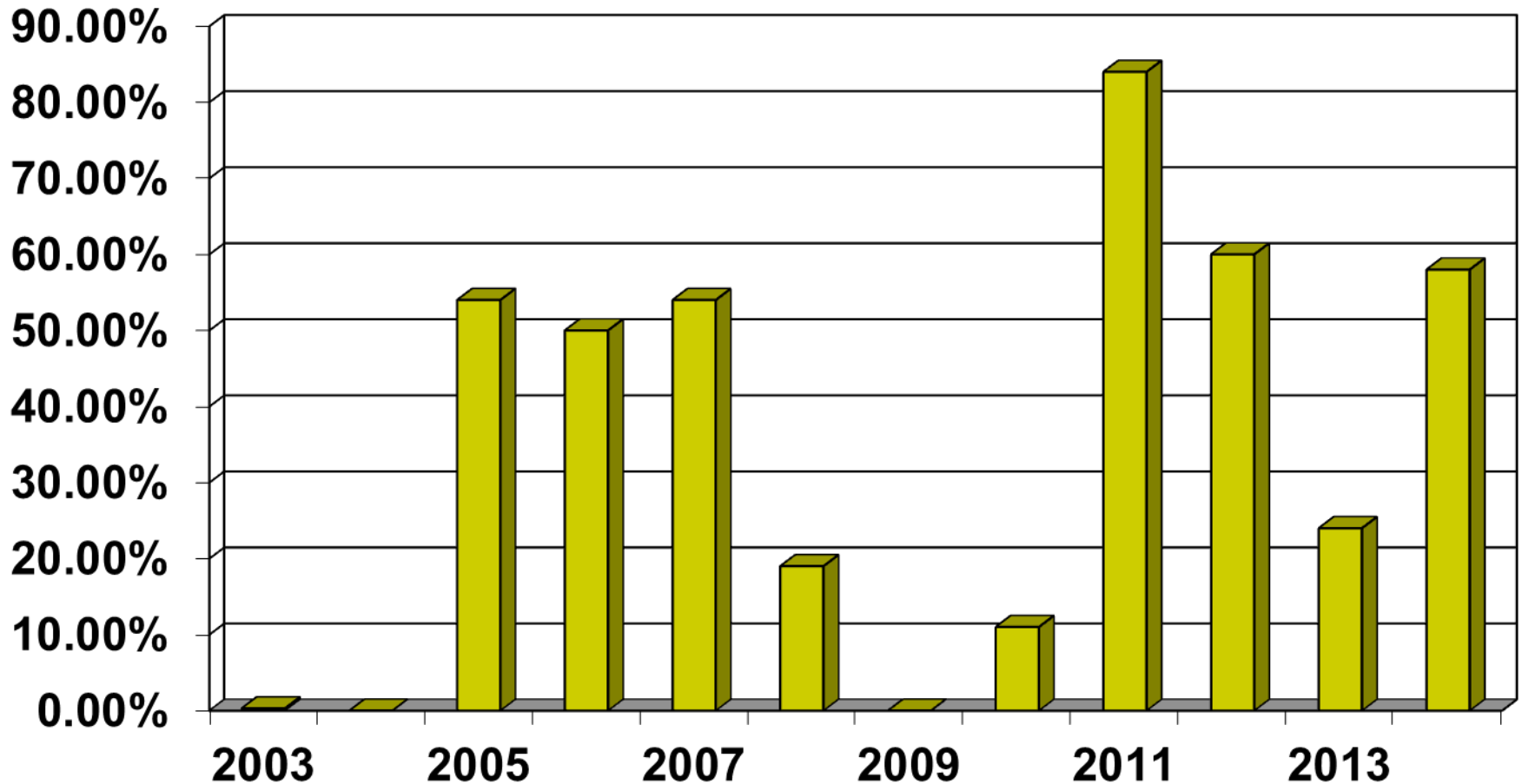


2014 Quarterly Green Multifamily Dwelling Permits

2014 Quarter	Total MF Units	Green MF Units	Percentage of Total Units
1 st	928	335	36%
2 nd	169	142	84%
3 rd	630	556	88%
4 th	65	0	0%
TOTAL	1,792	1,033	58%

Source: Scottsdale CDS permit records

Green Multifamily Dwelling Unit Permits 2003 - 2014



Source: Scottsdale CDS records

Green Multifamily Dwelling Unit Permits

Year	Total Permits	Green Permits	Percentage of Total Permits
2003	1,500	5	0.3% Includes 5 units at Loloma 5 Townhomes
2004	1,025	0	0%
2005	483	261	54% Includes 253 units at Optima Camelview Village, 8 units at The Duke Earll Drive Townhomes
2006	743	373	50% Includes 299 Optima Camelview Village units, 74 units at Safari (non-green units include Waterfront Towers, Monterey, Barolo)
2007	621	335	54% Includes 198 Optima Camelview Village units, 96 at Corriente, 38 at Safari, 3 at Engle Villas Desert Park Village (non-green units include 17 at Waterfront Towers, 6 at Canavest, 6 at Hancock, 8 at Eagles Pass, 93 at Artesia, 18 at Villa Contendo, 36 at Paseo Village, 100 at Sage, 2 at Clayton)
2008	402	76	19% Includes 56 Optima Camelview Village units, 8 at Engle Villas at Desert Park Village, 10 at Upton, 2 at Safari (non-green units include 68 Silverstone apartments, 16 at Encore Grayhawk, 9 at Artesia, 18 at Wilshire, 7 at Courtyards at Desert Park, 2 at Hancock, 3 at Residences on Main, 203 at Classic Residences at Silverstone)
2009	24	0	0% (non-green projects include 5 at 6 th Street Lofts, 8 at Encore Grayhawk, 8 at Courtyards at Desert Park, 3 at Hancock)
2010	264	29	11% Includes 28 Optima Camelview Village units, 1 Meritage model (non-green projects include 118 at Princess Maravilla Casitas, 14 at Courtyard Desert Park, 12 at Encore Grayhawk, 80 at Ten Lofts, 11 misc.)
2011	301	254	84% includes 210 Optima Sonoran I units, 44 at Optima Camelview Village (non-green projects include 39 at Princess Maravilla Casitas, 8 at Encore Grayhawk)
2012	1,024	613	60% includes 325 SkySong units, 264 at Broadstone Lincoln, 24 at Corriente (non-green projects include 388 at TDI One Scottsdale)
2013	2,128	507	24% includes 200 Optima Sonoran II units, 259 at Broadstone Waterfront, 48 at Corriente (non-green projects include 416 at Mark Taylor on McDowell, 369 at Portales, 303 at TDI One Scottsdale, 49 at Sage, 220 at Archstone DC Ranch, 240 at Liv North, 24 at Pinnacle Point/Eagle Pass)
2014	1,798	1,033	58% includes 202 units at Optima Sonoran Village II, 267 at Scottsdale Quarter Crescent, 556 at Clayton Apartment, 8 at Project MZ
Total	10,313	3,486	34%

Source: Scottsdale CDS records



2014 Quarterly Green Single Family Permits

2014 Quarter	Total SF Permits	Green SF Permits	Percentage of Total Permits
1st	128	4	3.1%
2nd	121	3	2.5%
3rd	107	0	0%
4th	84	0	0%
TOTAL	440	7	1.6%

Source: Scottsdale CDS permit records

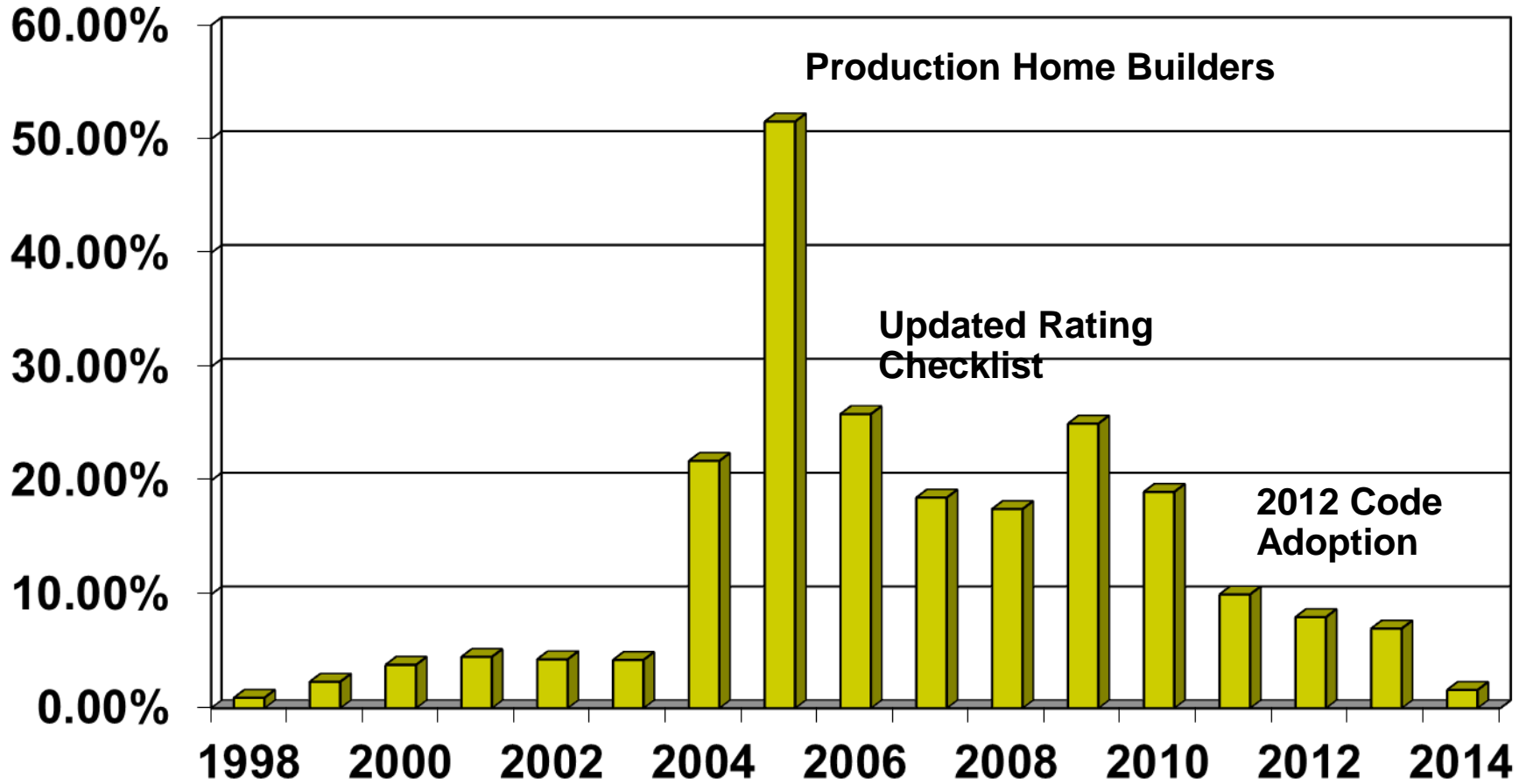


2013 Quarterly Green Single Family Permits

2013 Quarter	Total SF Permits	Green SF Permits	Percentage of Total Permits
1st	109	10	9%
2nd	136	14	10%
3rd	68	1	2%
4th	87	1	1%
TOTAL	400	26	7%

Source: Scottsdale CDS permit records

Percentage of Green Single Family Permits 1998 - 2014



Source: Scottsdale CDS records

Green Single Family Permits (1998 - 2014)

Year	Total Permits	Green Permits	Percentage of Total Permits
1998	2172	20	1%
1999	1554	36	2%
2000	1076	41	4%
2001	843	38	5%
2002	768	33	4%
2003	896	38	4%
2004	1137	247	22%
2005	852	439	52%
2006	685	177	26%
2007	573	106	19%
2008	200	35	18%
2009	121	30	25%
2010	149	28	19%
2011	155	15	10%
2012	265	21	8%
2013	400	26	7%
2014	440	7	1.6%
Total	12,286	1,337	11%

Source: Scottsdale CDS records