

## Toilets use about 25% of the total indoor domestic water.



That's about 20 gallons/day.

Each person is responsible for about 5 flushes per day.

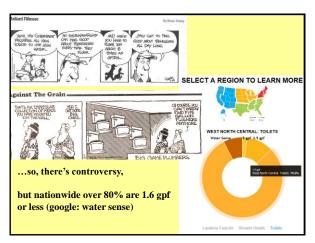
Since January 1994, low-flush (1.6 gallons/flush) is required by code in the U.S.

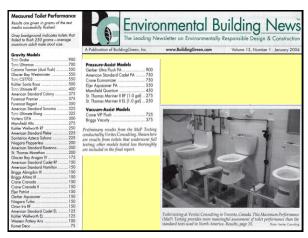
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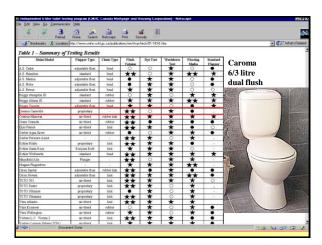
					ANNUAL HOU	SEHOLD SAVINGS	
Fintage of old toilets!	Toilet water us gpf (lpf)	Uses per day?	Daily house Gallons	hold use? (liters)	Repl. with 1.6 gpf toilet(s) Gallons (liters)	Repl. with 1.0 gpf toilet(s) Gallons (liters)	
994-present	1.6 (6)	5.1	21.5	(81)		2,950 (11,200)	
	3.5 (13)	5.1	47.1 (178)		9,340 (35,300)	12,300 (46,500)	
1980-94	4.0 (15)	5.1	53.9 (204)		11,800 (44,600)	14,700 (55,800)	
	4.5 (17)	5.1	60.6 (229)		14,300 (53,900)	17,200 (65,100)	
1950-80	5.0 (19)	5.1	67.3 (255)		16,700 (63,200)	19,700 (74,400)	
	5.5 (21)	5.1	74.1 (	280)	19,200 [72,500]	22,100 (83,700)	
Pre-1950	7.0 (26)	5.1	94.2 (	357)	26,500 [100,000]	29,500 [112,000]	1
<b>X</b> 7		able 3. Wa		rom Toilet Re	Environmental Buil		4
You o	can		ter Savings f	rom Toilet Re	Environmental Buil eplacement in a 50-Pe NUAL WATER USE <sup>2</sup>	ding News - January 2004 erson Office ANNUAL COMPA	NY-WIDE SAVINGS
	can	able 3. Wa		rom Toilet Re	Environmental Buil eplacement in a 50-Pe NUAL WATER USE <sup>2</sup> For femals	ding News - January 2004 erson Office	4
You o	can	Vintage of old	ter Savings f	rom Toilet Re	Environmental Buil eplacement in a 50-Pe NUAL WATER USE <sup>2</sup> For femals (S) Gallons (Iters)	ding News - January 2004  Irson Office  ANNUAL COMPA  Repl. with 1.6 ppf to to to 1.6	NY-WIDE SAVINGS <sup>3</sup> Rept. with 1.0 cmf toler
do th	ean e	Vintage of old toilets!	ter Savings f	rom Toilet Re AN Per mole Gallons (liter	Environmental Buil eplacement in a 50-Pe NUAL WATER USE <sup>2</sup> - Per female [5] Golloos (litera) 1,250 (4,720)	ding News - January 2004  Irson Office  ANNUAL COMPA  Repl. with 1.6 ppf to to to 1.6	NY-WIDE SAVINGS <sup>3</sup> Repl. with 1.0 gpf toler Gallons (files)
	ean e	Vintage of old toilets!	Toilet water use get ((pt))	rom Toilet Re AN Per mole Gallons (lite 416 (1,575	Environmental Buil  placement in a 50-Pe  NUAL WATER USE  - Per femole  Gollons (Hers)  1, 250 (4,720)  2,730 (10,300)	ding News - January 2004  rrson Office  ANNUAL COMPA  Repl. with 1.6 gel tolet()  Galoro (iten)	NY-WIDE SAVINGS <sup>1</sup> Rapl, with 1.0 gpf toler Gallors (Iten) 15,600 (59,000)
do th	ean e	rintage of old toilets <sup>1</sup> 1994-present	Toilet water use gpf (pt)  1.6 (d)  3.5 (13)	For mole Gallons (liter 416 (1,573 910 (3,440	Environmental Buil placement in a 50-Pe NUAL WATER USE Per female Gallons (liters) 1, 250 (4,720) 2,730 (10,300) 0, 3,120 (11,800)	ding News - January 2004  Irson Office  ANNUAL COMPA  Repl. with 1.6 get forfel)  Galone (men)  49,400 (187,000)	NY-WIDE SAVINGS <sup>1</sup> Repl. with 1.0 gel toile Goloris (files) 15,600 (59,000) 65,000 (246,000)
do th	ean e	Fintage of old toilets' 1994-present	Totlet water use gof (Jpt) 1.6 (6) 3.5 (13) 4.0 (15)	Form Toilet Re AN Per mole Gallons (little 416 (1,573 910 (3,440 1,040 (3,94	Environmental Buil placement in a 50-Pe NUAL WATER USE*  Fee lance Goloss (lten) 1, 1250 (4,720) 2,730 [10,300) 0, 3,120 [11,800) 0, 3,510 [13,300)	ding News - January 2004  rrson Office  ANNUAL COMPA  Repl. with 1.6 gaf tofwol  Galons (Rep)  49,400 (187,000)  62,400 (236,000)	NY-WIDE SAVINGS*  Repl. with 1.0 get to fee  Golons (Inci)  15,600 (59,000)  65,000 (246,000)  78,000 (295,000)  91,000 (344,000)
do th	ean e	rintage of old toilets <sup>1</sup> 1994-present	Totlet water use god (pp) 1.6 (b) 3.5 (13) 4.0 (15) 4.5 (17)	rom Toilet Re ANI Per mole Gallons (lite 416 (1.573 910 (3.446 1.040 (3.94 1.170 (4.43	Environmental Buil placement in a 50-Pc NUAL WATER USE <sup>1</sup>   For femole   Goldse (litera)   1,250 (4,720)   2,730 (10,300)   3,510 (13,300)   3,900 (14,800)   3,900 (14,800)	Annuary 2004   Annuary 2005   Annu	NY-WIDE SAVINGS*  Repl. with 1.0 get to be Golons (Ites)  15,600 (59,000)  65,000 (246,000)  78,000 (295,000)  91,000 (344,000)  104,000 (394,000)
do th	ean e	Fintage of old toilets' 1994-present	Toilet water use gef (Jet) 1.6 (6) 3.5 (13) 4.0 (15) 4.5 (17) 5.0 (19)	rom Toilet Re ANI Per mole Gallons (lite 416 (1.573 910 (3.446 1.040 (3.94 1.170 (4.43 1.300 (4.92	Environmental Buil splacement in a 50-Pe NUAL WATER USE <sup>1</sup>	ding News - January 2004 rson Office  ANNUAL COMPA  Repl with 1.6 gd failed; Gallors (Ben)  49.400   187,000  62,400   236,000  75,400   285,000  88,400   335,000	NY-WIDE SAVINGS <sup>1</sup> Repl. with 1.0 gof tote Galera (final) 15,600 (59,000) 65,000 (246,000) 78,000 (295,000)

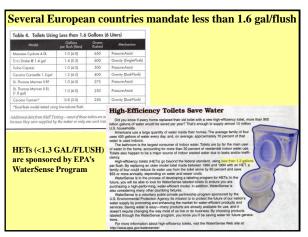
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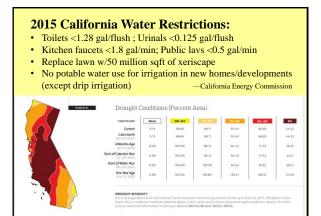
## Enough with the Flushing The Dedham-Westwood Water District in Massachusetts wants people to stop flushing their unials, and the district hopes that oftering rebettes on waterless uninals will entice them to stop. The rebates, directed at commercial customers, come on top of rebates offered to residents who use low-flow tollets and front-loading, water-asving washing machines. The waterless uninals hook directly to conventional drain lines but do not require a flushing mechanism. Before draining, ume flows through a cartidge containing a sealant liquid that blocks out odors. For existing businesses that replace Soot adors. Less water flowing that replace Soot probate per urinal. And the financial benefits also exident beyond the rebate. Less water flowing through the sever system means reduced costs, and the water district is making the rebates available with future developments in mind. In the past two years, the water district has provided residents with options to pick up rebates by installing water-efficient toilets that use no more than 1.6 gallons per flush and front-loading washing machines, which conserve water. The water district gives a \$50 rebate for the toilets and a \$100 rebate for the washing machines. By spring, the water district plans to begin offering 55-gallon rain collection barriels for the subsidized price of \$50, which residents can use to water lawns. For more information about the district's water saving plans, write to them at Desham-Westwood Water District, 50 Elm Street, P.O. Box 9137, Decham, Ma O2027-9137, or call 781-329-790 Monday through Friday from 8:30 a.m. to 4 p.m. You also may visit their Web site at www.dwwd.org.



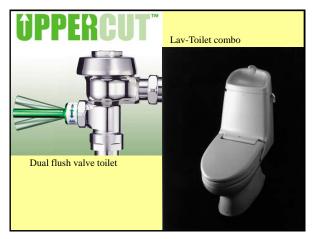








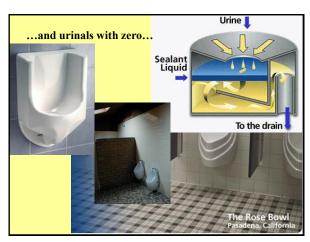








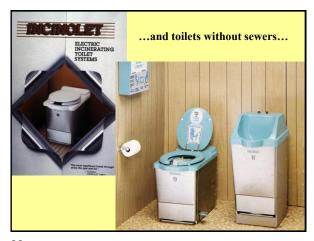


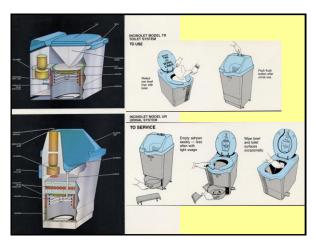




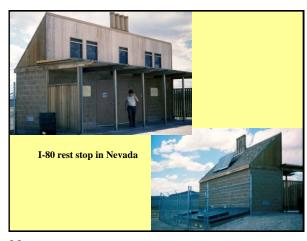




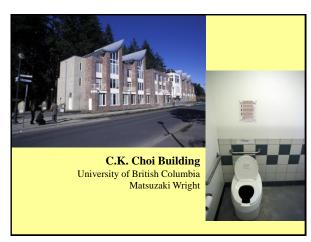




## Composting Toilets Rules: • Vent to outside • Add vegetables • Needs basement • Keep warm • Harvest @ 2 years



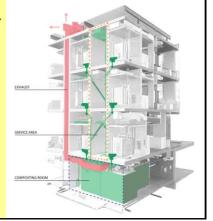




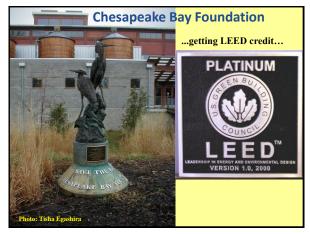


## Schematic for multi-story composting toilets.

Santa Monica City Hall Annex



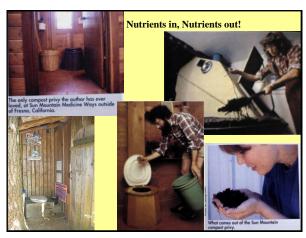
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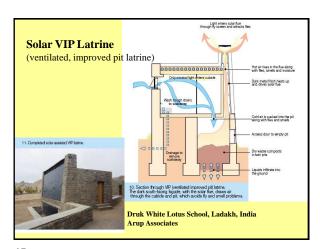


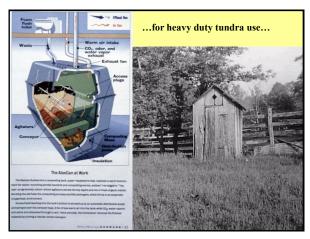
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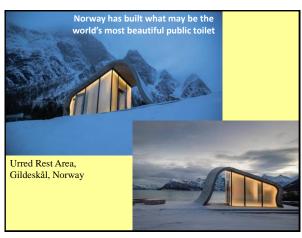


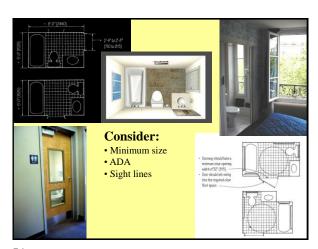


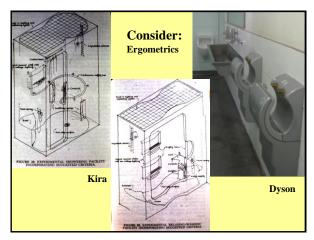










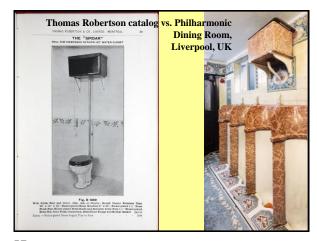


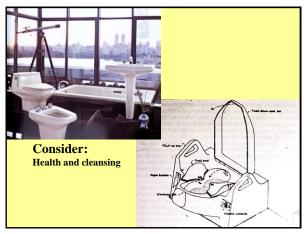




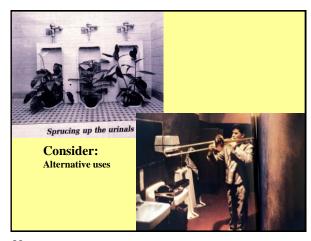


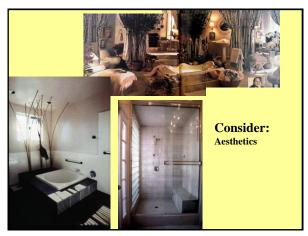






























'Since at least the 1990s, under the mantle of "universal design", architects have rightly moved towards desegregating toilet facilities, on the grounds that they are less exclusionary and can accommodate the widest possible range of users in safety and dignity. Re-enshrining binary sex-segregated toilets in the Building Regulations today would be a clear step backwards in accessibility terms.'





