

SUPPLEMENTARY DATA

eTable S1. ICD-9-CM and ICD-10-CM classification of non-traumatic lower-extremity amputations (NLEA)

Level of NLEA	ICD-9 code	ICD-10 code
Any	84.1	OY6
Toe	84.11	OY6P – OY6Y
Foot	84.12	OY6M - OY6N
	84.13	
Below the knee amputation (BKA)	84.14	OY6F, OY6G, OY6H, OYJ
	84.15	
	84.16	
Above the knee amputation (AKA)	84.17	OY62, OY63, OY64, OY67, OY68, OY6C,
	84.18	OY6D
	84.19	
Minor	84.11-84.12	OY6P-OY6Y, OY6M-OY6N (excludes OY6M0Z0 and OY6N0Z0; complete foot detachment)
Major	84.13-84.19	OY6M0Z0, OY6N0Z0, OY62, OY63, OY64, OY67, OY68, OY6C, OY6D
Traumatic amputations (exclusion)	895, 896, 897	S78, S88, S98

SUPPLEMENTARY DATA

eTable S2. Age-standardized hospitalization rates of any, minor and major *recurrent* non-traumatic lower extremity amputation (NLEA) and annual percent change (APC) among the end-stage renal disease (ESRD) population by diabetes status, 2000-2015

NLEA rate (per 100 person-years) (95%CI)						
Year	Diabetes			No Diabetes		
	Any NLEA	Minor NLEA	Major NLEA	Any NLEA	Minor NLEA	Major NLEA
2001	18.82 (17.96-19.68)	5.67 (5.17-6.17)	14.15 (13.39-14.91)	16.70 (14.94-18.45)	4.54 (3.58-5.50)	12.53 (10.98-14.08)
2002	17.93 (17.14-18.72)	5.22 (4.77-5.66)	13.56 (12.86-14.26)	13.26 (11.80-14.71)	3.15 (2.42-3.89)	10.37 (9.07-11.67)
2003	16.78 (16.06-17.51)	4.90 (4.49-5.32)	12.54 (11.90-13.18)	14.67 (13.24-16.10)	3.75 (2.99-4.50)	11.4 (10.12-12.67)
2004	17.00 (16.30-17.71)	5.02 (4.62-5.42)	12.65 (12.03-13.27)	14.73 (13.35-16.11)	4.47 (3.68-5.26)	10.93 (9.72-12.14)
2005	16.39 (15.71-17.06)	5.30 (4.90-5.71)	11.81 (11.23-12.40)	13.91 (12.62-15.20)	4.25 (3.51-4.99)	10.07 (8.95-11.18)
2006	16.15 (15.50-16.81)	5.09 (4.71-5.48)	11.77 (11.20-12.34)	14.47 (13.20-15.73)	4.81 (4.05-5.57)	10.21 (9.12-11.30)
2007	15.27 (14.64-15.90)	4.67 (4.31-5.04)	11.09 (10.54-11.64)	14.44 (13.20-15.69)	3.92 (3.25-4.60)	11.07 (9.97-12.18)
2008	13.79 (13.20-14.39)	4.70 (4.34-5.06)	9.62 (9.11-10.13)	12.55 (11.42-13.68)	4.06 (3.40-4.72)	8.98 (8.01-9.95)
2009	13.94 (13.35-14.52)	5.13 (4.77-5.50)	9.35 (8.86-9.84)	13.20 (12.08-14.31)	4.56 (3.88-5.23)	8.93 (8.00-9.87)
2010	14.91 (14.32-15.50)	5.60 (5.22-5.97)	9.91 (9.42-10.41)	13.40 (12.31-14.48)	4.49 (3.84-5.14)	9.41 (8.48-10.34)
2011	13.67 (13.10-14.23)	5.10 (4.75-5.46)	9.04 (8.57-9.51)	12.71 (11.68-13.74)	4.66 (4.01-5.30)	8.60 (7.74-9.47)
2012	13.15 (12.60-13.70)	4.94 (4.59-5.29)	8.68 (8.22-9.13)	12.54 (11.55-13.53)	4.68 (4.05-5.30)	8.36 (7.53-9.19)
2013	13.27 (12.73-13.82)	5.27 (4.91-5.62)	8.43 (7.99-8.88)	11.37 (10.45-12.30)	4.25 (3.67-4.83)	7.46 (6.70-8.23)
2014	13.66 (13.11-14.20)	5.47 (5.11-5.82)	8.81 (8.36-9.26)	12.76 (11.82-13.71)	5.13 (4.51-5.75)	8.01 (7.24-8.77)
2015	13.89 (13.36-14.43)	5.79 (5.44-6.15)	8.62 (8.19-9.05)	13.12 (12.18-14.06)	4.78 (4.19-5.36)	8.70 (7.92-9.48)
First trend						
Year	2001-2012	2001-2007	2001-2012	2001-2015	2001-2015	2001-2015
APC	-3.0 (-3.8, -2.2)	-1.9 (-4.9, 1.3)	-4.4 (-5.2, -3.6)	-1.5 (-2.2, -0.7)	1.5 (0.3-2.6)	2.8 (-3.7, -1.9)
p-value	<0.001	0.207	<0.001	<0.01	<0.05	<0.001
Second trend						
Year	2012-2015	2007-2015	2012-2015	n/a	n/a	n/a
APC	1.8 (-3.6, 7.4)	1.8 (0.1, 3.6)	0.2 (-5.8, 6.5)			
p-value	0.48	<0.05	0.952			

All rates are adjusted for age, sex, race and ethnicity; n/a: second trend not identified.

Recurrent annual NLEA rates were estimated among individuals with at least one previous NLEA. Individuals were followed from date of first NLEA to 31 December of the cohort year, date of renal transplant, or date of death, whichever occurred first. The First year of recurrent NLEA rates was estimated in 2001.