

# Palliative and end-of-life care in patients with kidney disease

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VA Puget Sound Healthcare System

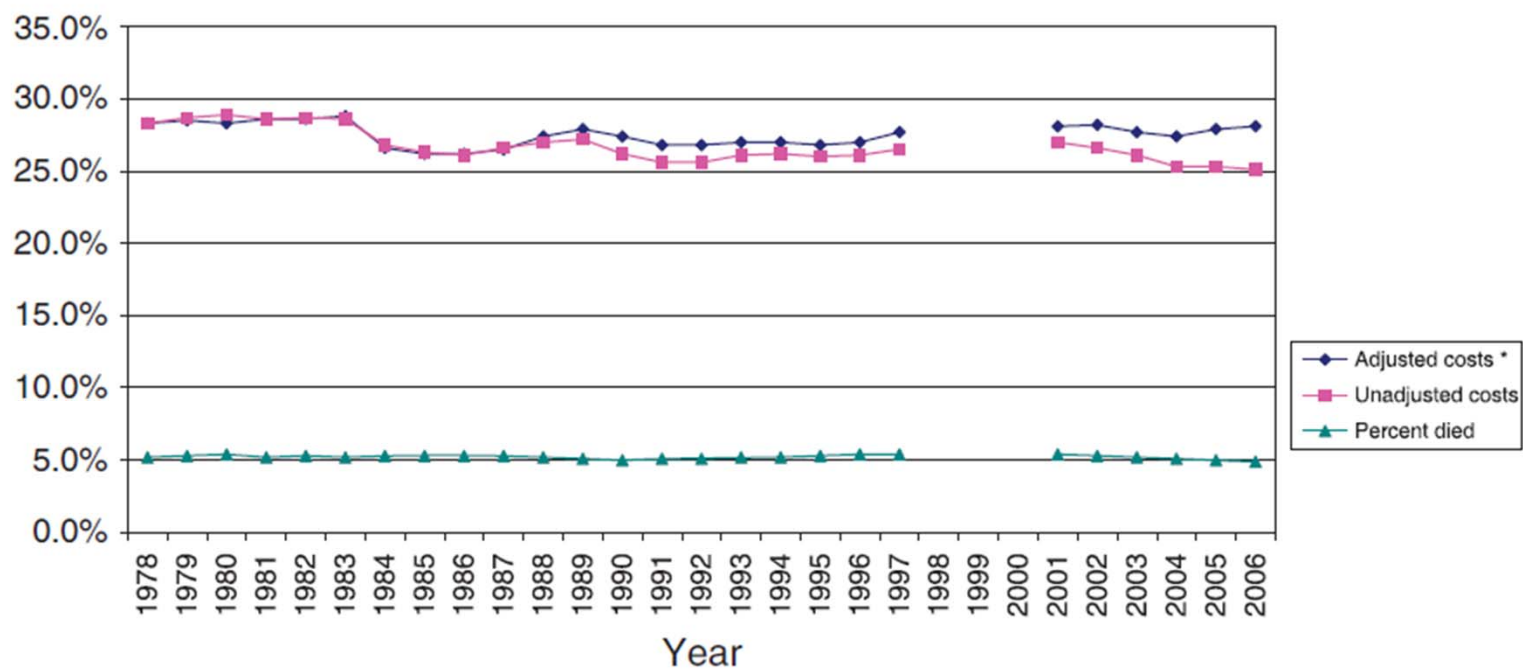
Department of Medicine and Kidney

Research Institute, University of

Washington, Seattle

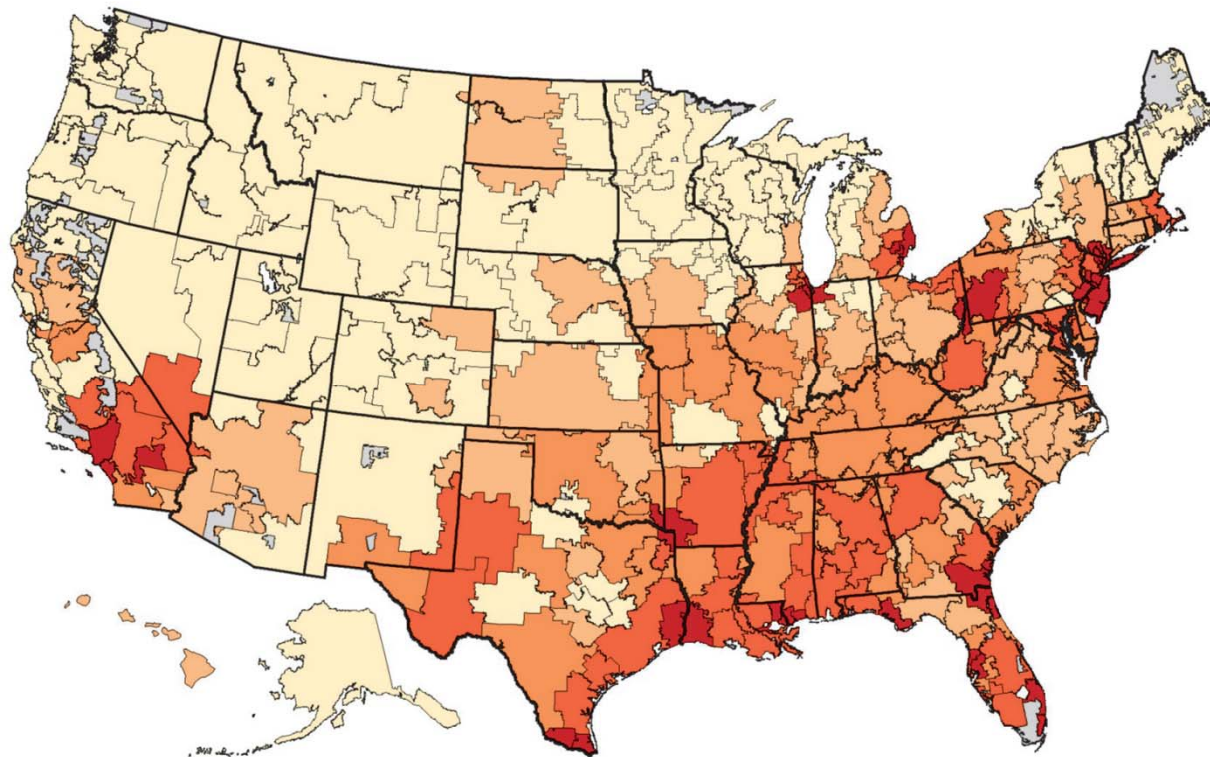
# Medicare spending on beneficiaries in last year of life

Figure 1: Percent Dying and Percent of Medicare Payments Spent in the Last 12 Months of Life, among Medicare Beneficiaries Aged 65 and Older, 1978–2006



# End-of-life expenditure index by hospital referral region

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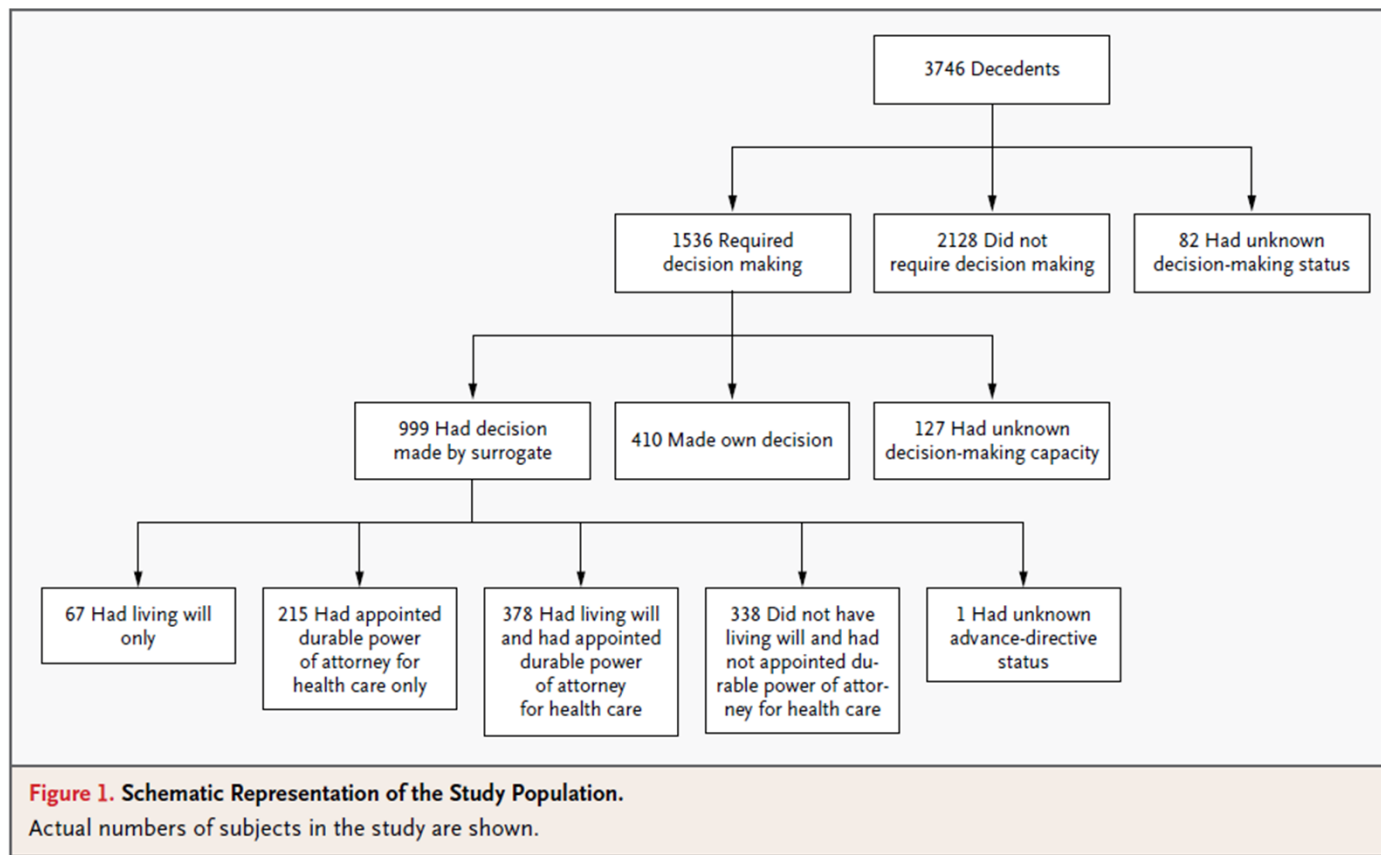


## End-Of-Life Expenditure Index

by Hospital Referral Region (2000-03)

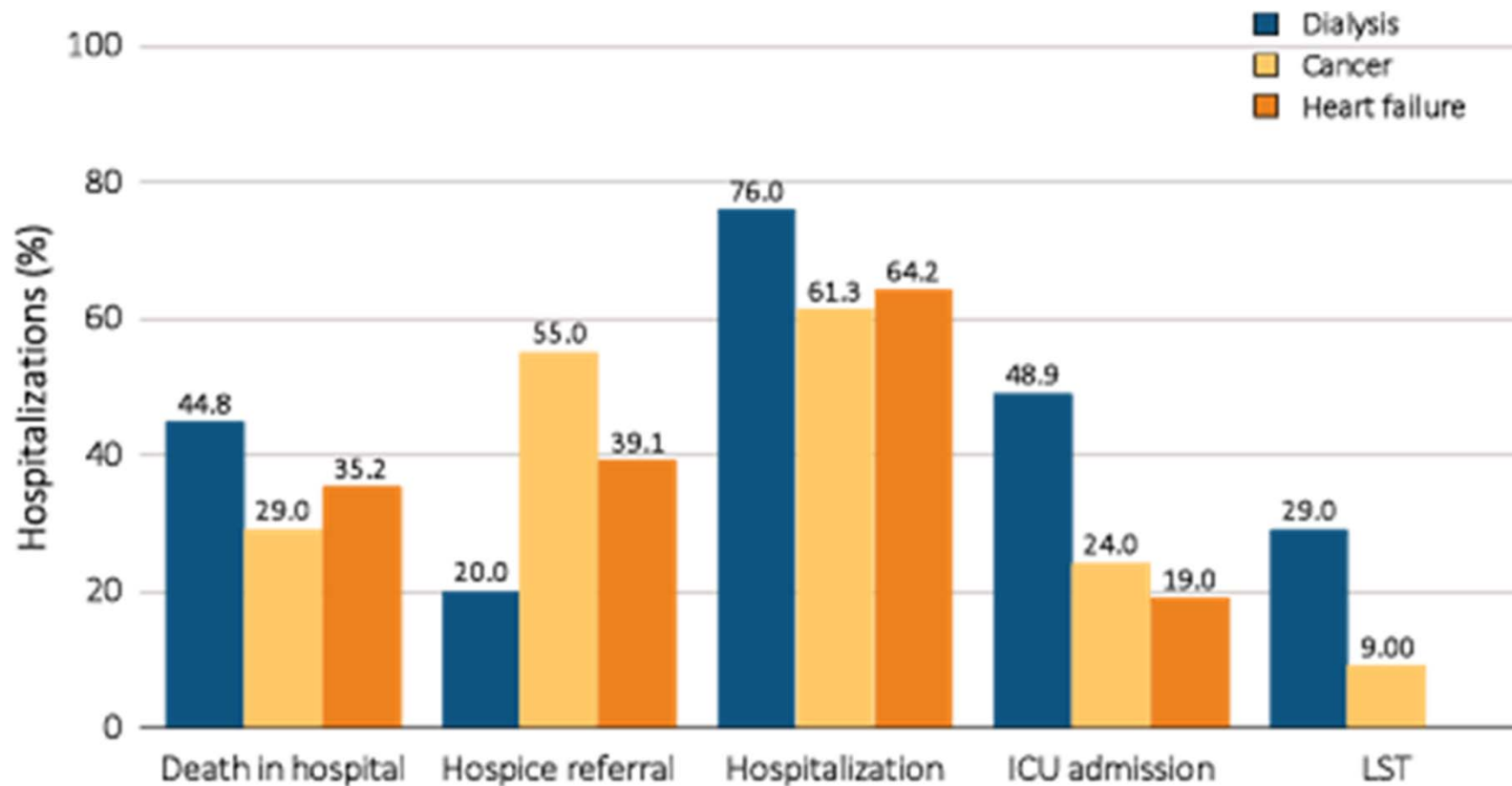
■	\$16,300 to 21,124	(36)
■	14,700 to < 16,300	(54)
■	13,700 to < 14,700	(62)
■	12,400 to < 13,700	(63)
■	8,366 to < 12,400	(91)
■	Not Populated	

# Who makes treatment decisions at the end of life?



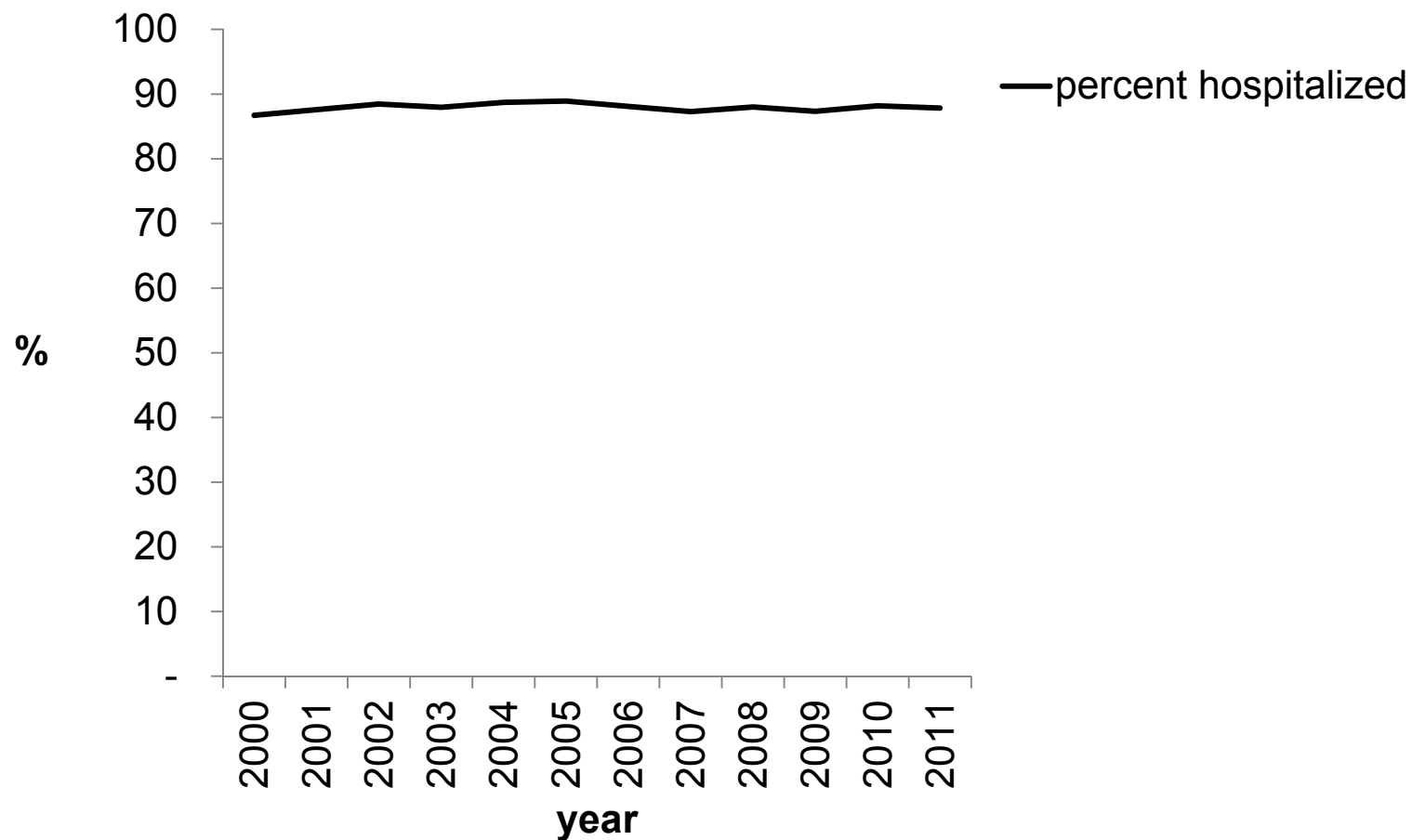


## Treatment Intensity at the End of Life in Older Adults Receiving Long-term Dialysis

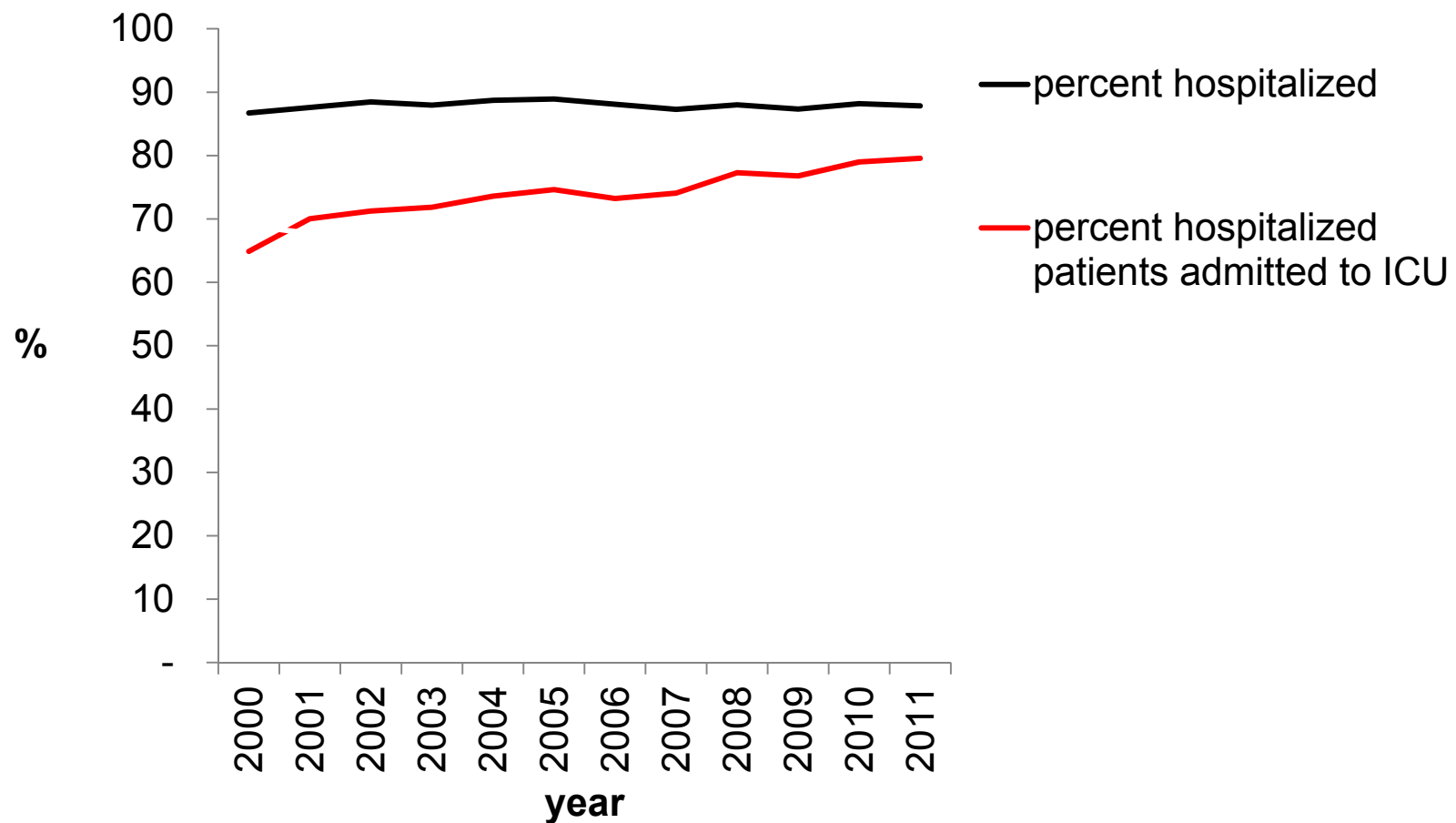


# Utilization among Medicare beneficiaries with ESRD in last 6 months of life

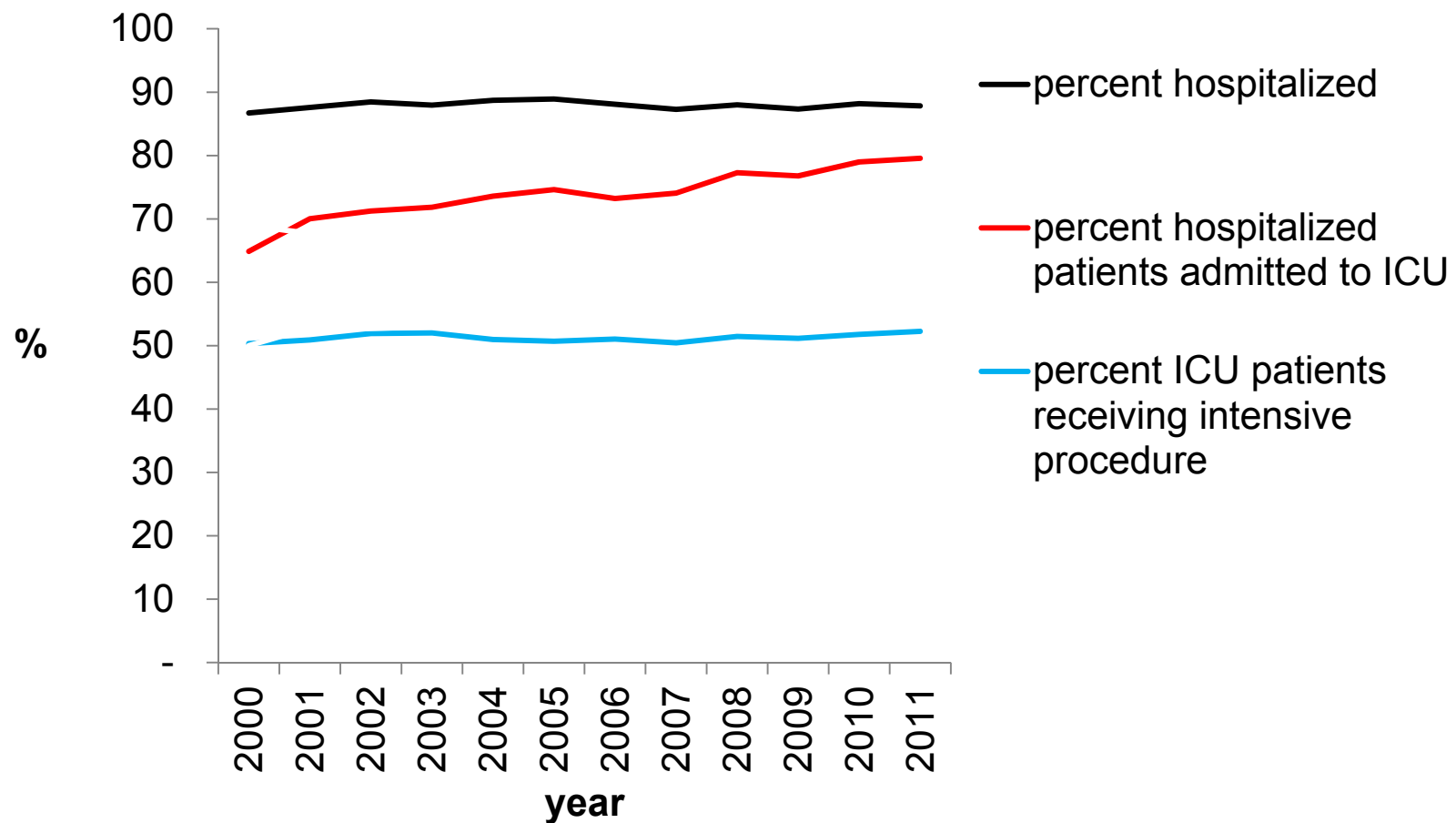
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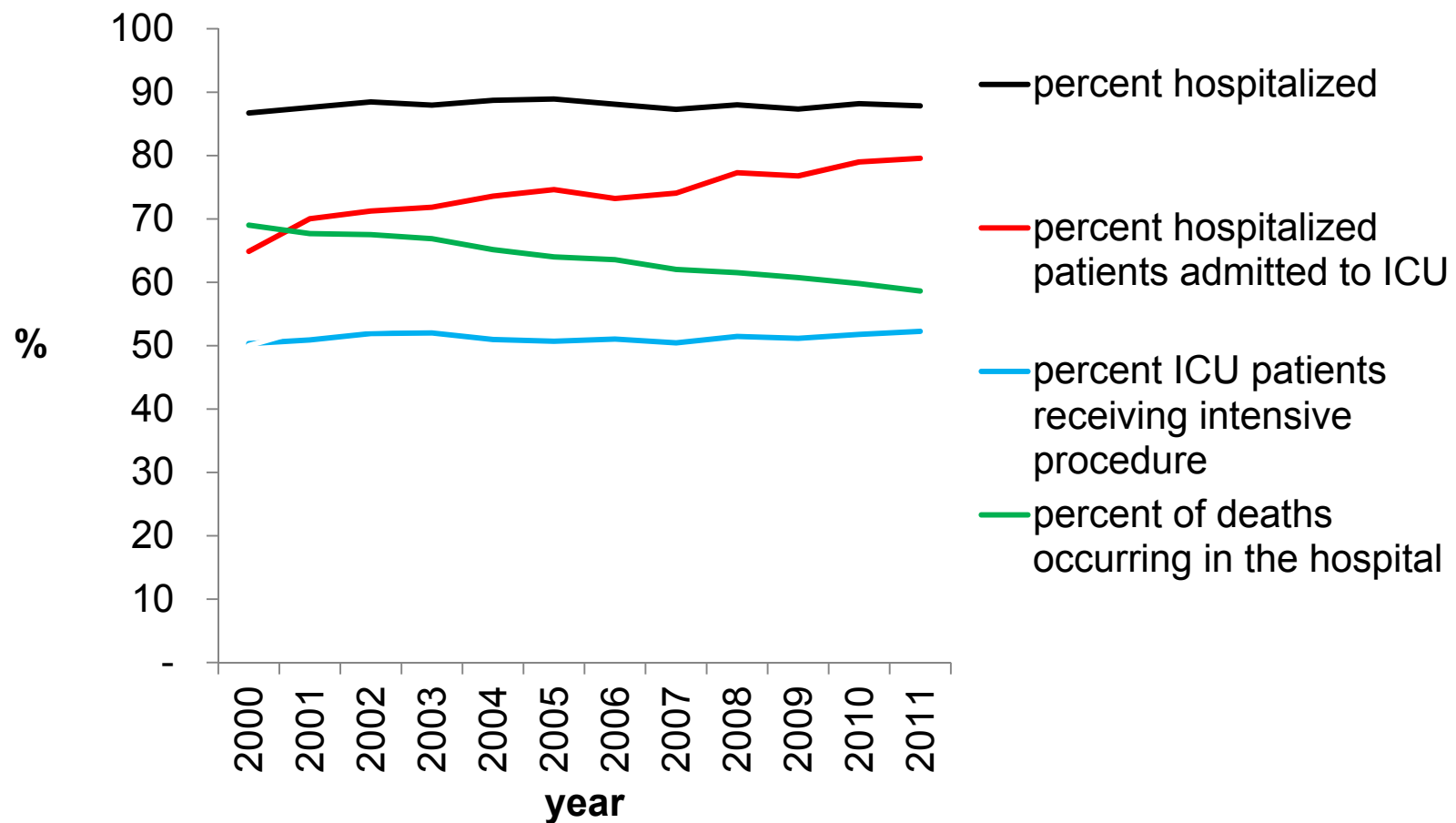


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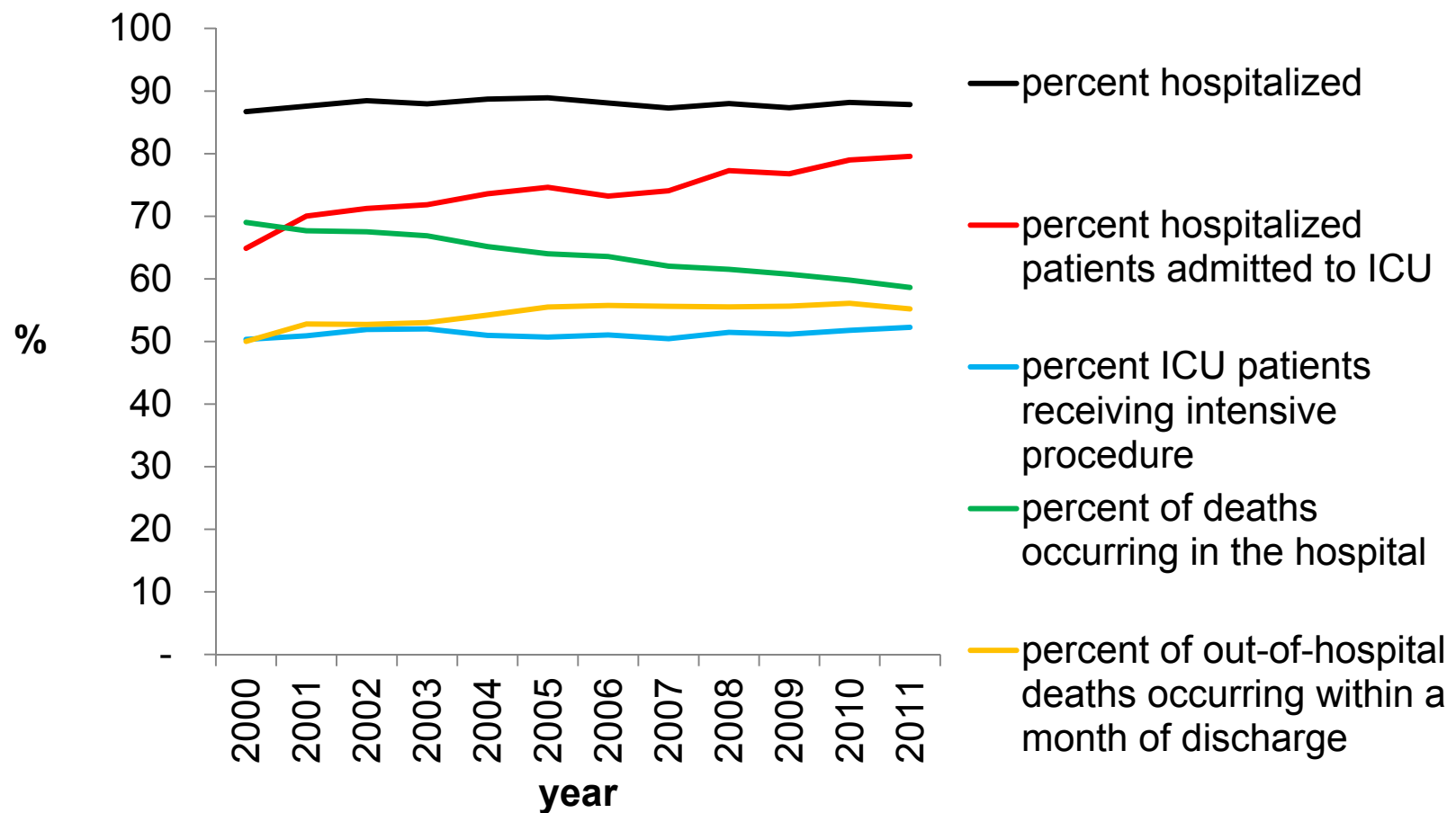




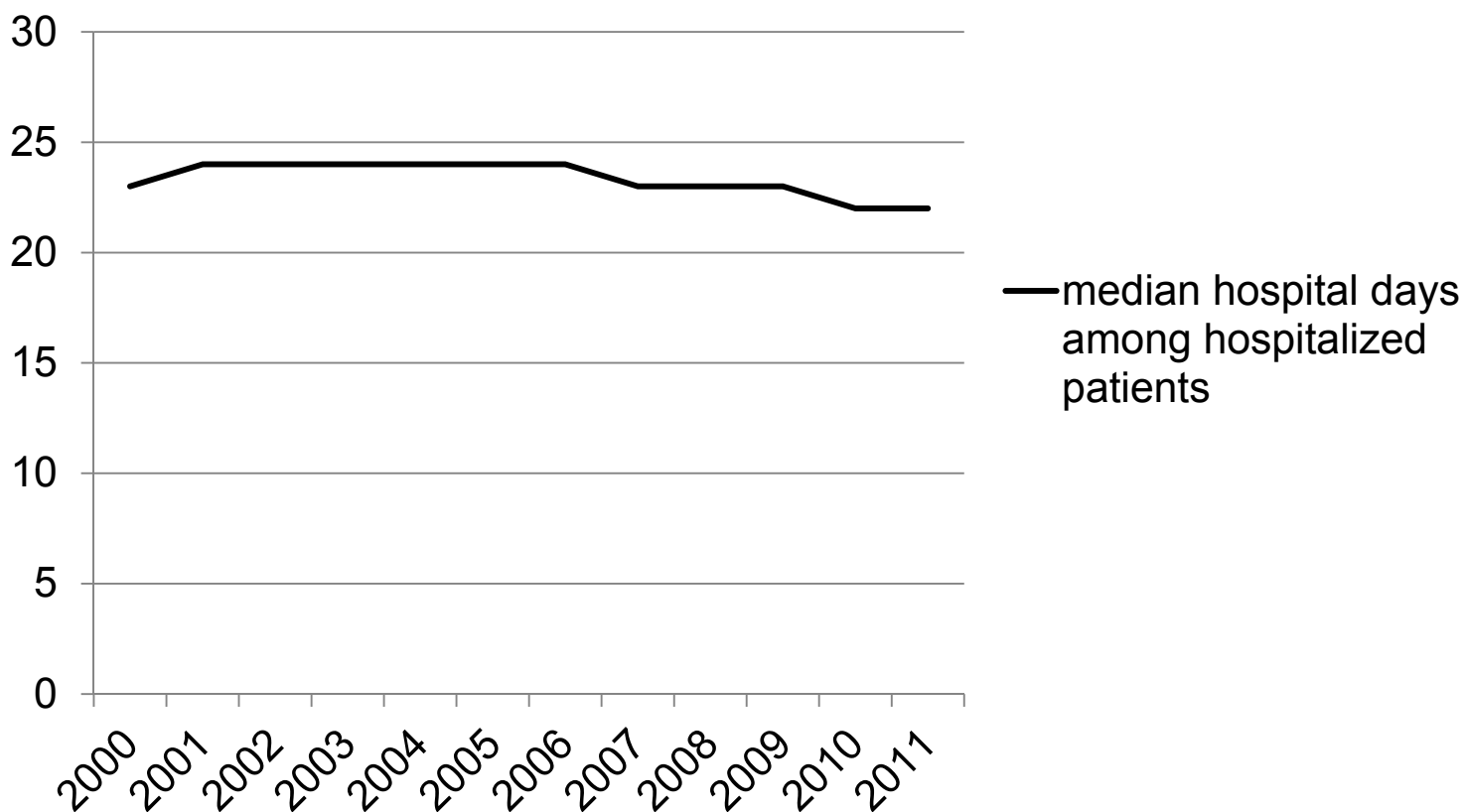
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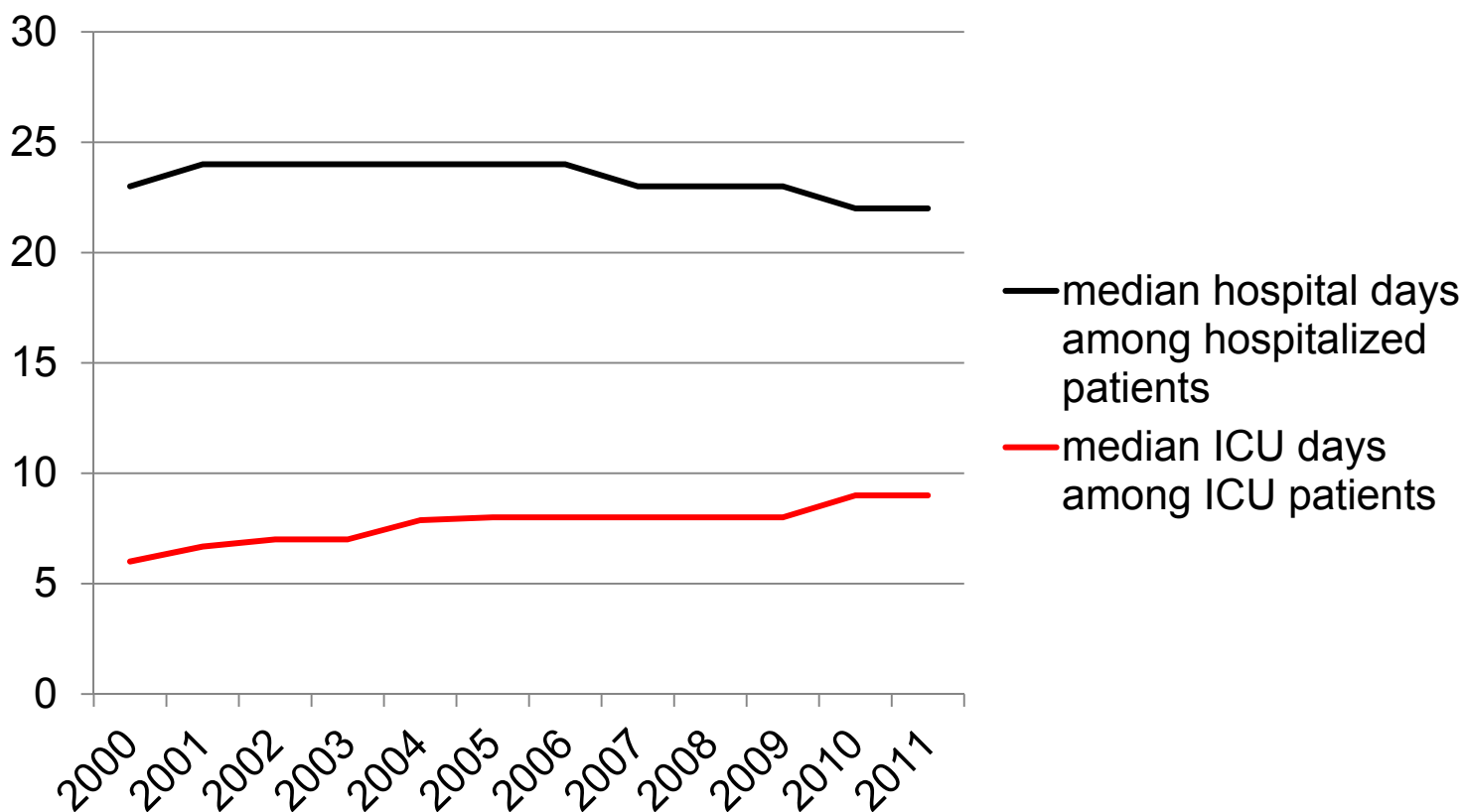
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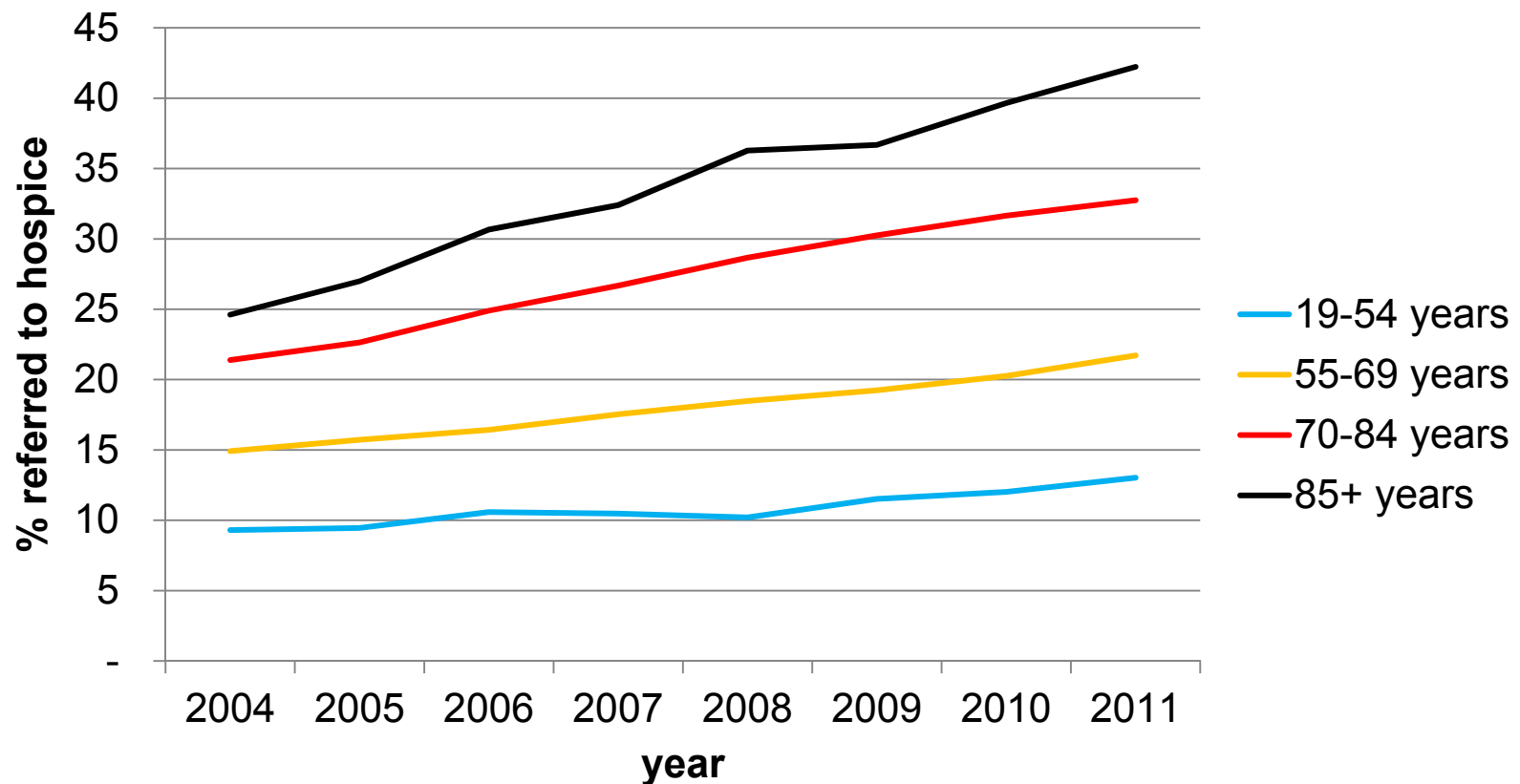
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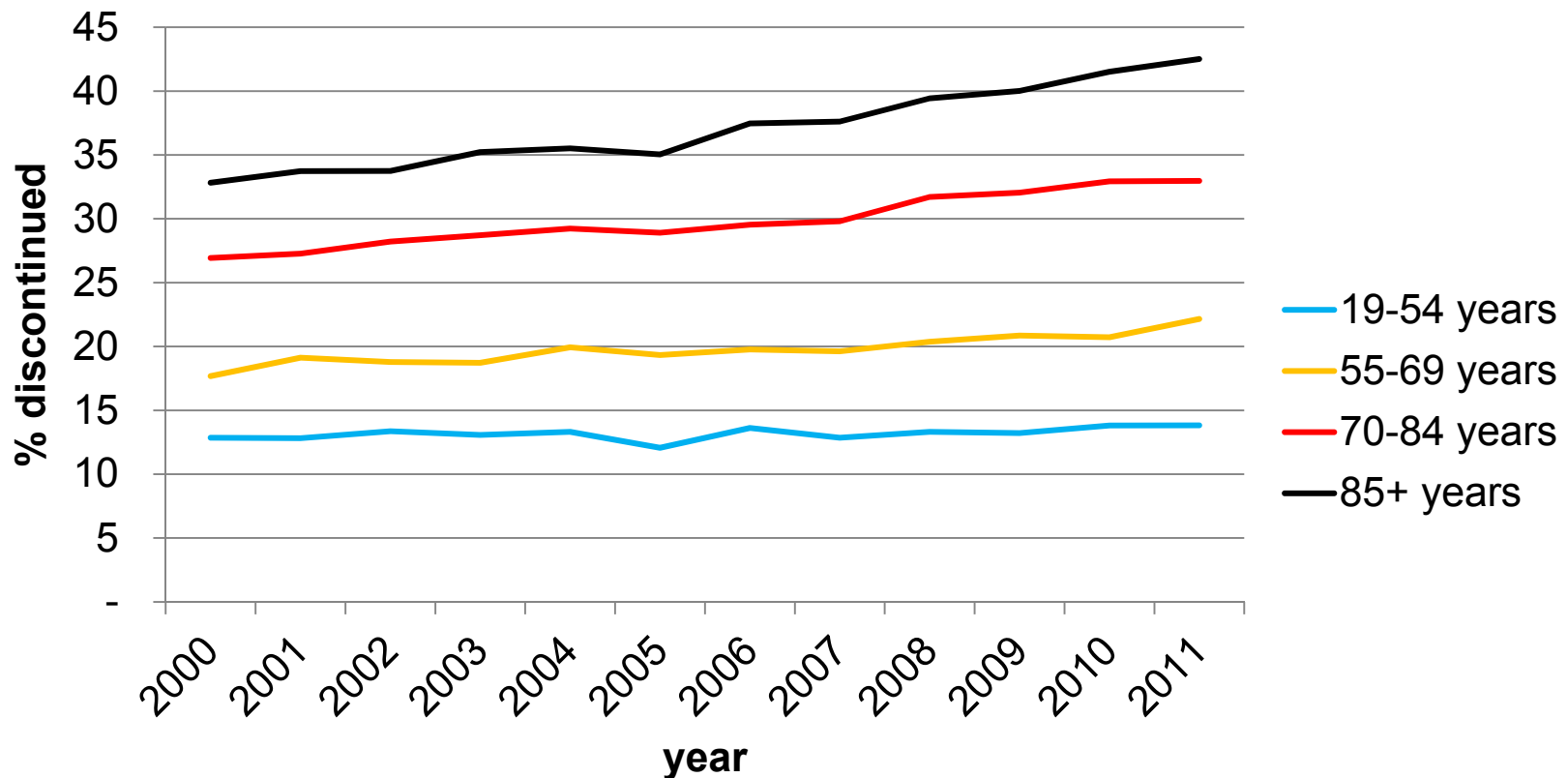
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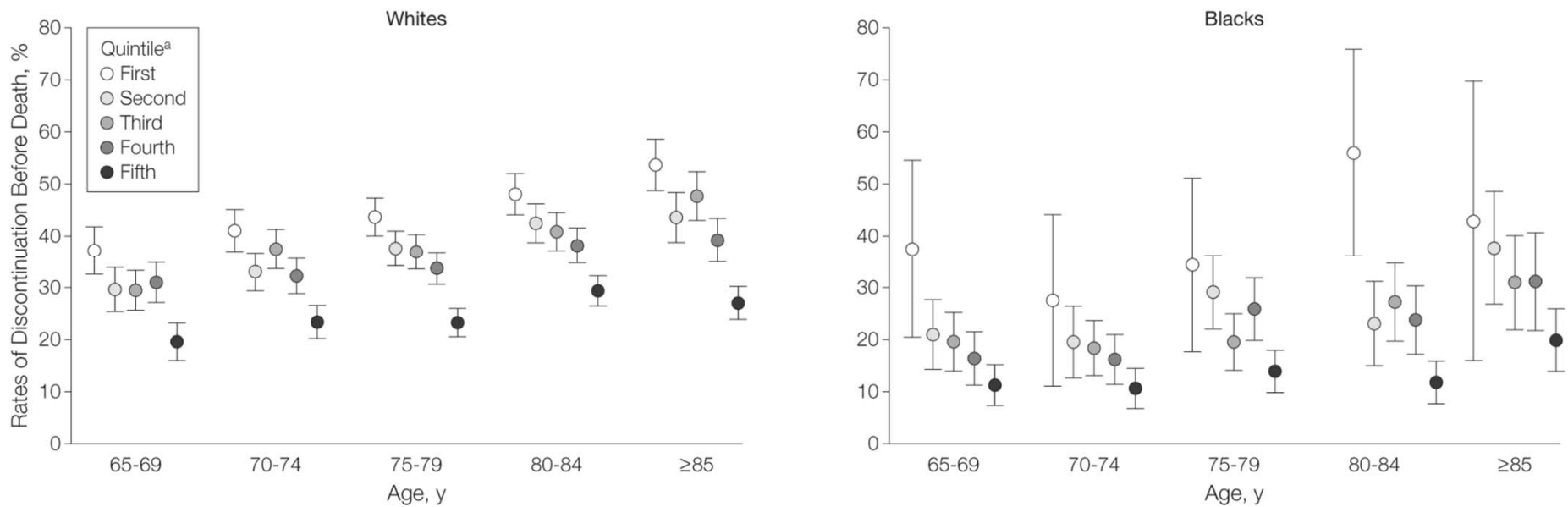
# % Medicare beneficiaries with ESRD referred to hospice before death



# % Medicare beneficiaries with ESRD who discontinued dialysis before death



# Regional Variation in Health Care Intensity and Treatment Practices for End-stage Renal Disease in Older Adults



# Prognostic discordance between patients and nephrologists

Patient estimates of 5 year survival, %	Nephrologist estimates of 5 year survival, %					Total
	≥90	61-89	40-60	11-19	≤10	
≥90	3	1	5	10	3	42%
61-89	1	2	4	1	3	21%
40-60	0	0	7	5	4	31%
11-19	0	0	0	2	0	4%
≤10	0	0	0	0	1	2%
Total, %	4%	6%	31%	35%	11%	n=62



# Advance directives in patients receiving dialysis

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	<b>Holley et al. (80 patients) AJKD 1997</b>	<b>Sehgal et al. (65 nephrologists) JAMA 1996</b>	<b>Kurella Tamura et al. (61 patients) NDT 2010</b>
<b>Have talked with family about wishes</b>	67%		57%
<b>Have talked with a physician about wishes</b>	14%		
<b>Have completed an advance directive</b>	35%	30%	38%

# **USRDS Special Study Center on Palliative and End-of-Life Care**

Ann M. O'Hare and Manjula Kurella  
Tamura (Co-PI's)

# USRDS SSC Specific Aims

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- **Aim 1: To evaluate the palliative care needs, quality of communication about end-of-life care, prognostic expectations, and readiness to engage in advance care planning among patients with ESRD.**

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- USRDS Study of Treatment Preferences (UState)

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- **Aim 3: To assess the relationship between advance directives and palliative care consultations with downstream healthcare utilization and costs in patients with ESRD.**

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- Aim 3: To assess the relationship between advance directives and palliative care consultations with downstream healthcare utilization and costs in patients with ESRD.
- **Tasks: Descriptive analyses for annual report**

# Investigators and staff

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- Investigators
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- Stanford University
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  - Manisha Desai, PhD
- Staff
  - Maria Montez-Rath, PhD

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