

Supplementary Table 1. Frequency of Discharge Location as Provided by Source to Healthcare Cost and Utilization Project and Conversion to Study Definitions

DISP_X (discharge location, HCUP)	Study definition, destination (uniform)				
	Home	Home with home health	LTAC/SNF	Inpatient rehabilitation	Death
Home (routine)	1,939	0	8	0	0
Short term hospital	0	0	8	0	0
Acute care (another hospital)	0	0	44	0	0
Skilled nursing (same hospital)	0	0	22	0	0
Other care (another hospital)	0	0	30	0	0
Home health service organization	0	311	2	0	0
Skilled nursing (another hospital)	0	0	75	0	0
Home health (IV)	0	1	0	0	0
Died	0	0	0	0	64
Home health Services	0	467	0	0	0
Died	0	0	0	0	27
Hospice	0	0	1	0	0
Hospice	0	0	1	0	0
Inpatient rehabilitation	0	0	0	70	0
Long-term hospital, swing bed	0	0	1	0	0
Psychiatric hospital	0	0	1	0	0

HCUP, Healthcare Cost and Utilization Project; LTAC, Long-term acute care; SNF,

Skilled nursing facility; IV, intravenous line.

Supplementary Table 2. Identifying Reason for Transplant (ICD-9-CM Codes and Rules for Assignment)

	ICD-9-CM Diagnosis Code, Category
Diagnosis category	
Hepatitis C	070.41, 070.44, 070.51, 070.54, 070.70, 070.71, V02.62
Hepatitis B	070.20, 070.21, 070.22, 070.23, 070.30, 070.31, 070.32, V02.61
Autoimmune hepatitis	279.41, 279.49, 283.0, 283.10, 283.19, 571.42
Cirrhosis, unspecified	571.5, 584.9, 576.1, 572.4, 571.8
Alcohol-related cirrhosis	571.2
Malignancy	155.0
Necrosis	570
Rule	
None of the diagnoses present	Unknown
Only cirrhosis, unspecified	Other cirrhosis
Only autoimmune or necrosis	Autoimmune
Only alcohol-related cirrhosis	Alcohol
Only malignancy	Malignancy
Hepatitis C or Hepatitis C AND no alcohol-related cirrhosis	Viral

ICD-9-CM, International Classification of Diseases, Version 9, Clinical Modification.

Supplementary Table 3. Determining Reason for Readmission If Primary Diagnosis on Readmission Was 996.82 (Complications of Transplanted Liver)

Etiology	ICD-9-CM code
Biliary	576.2, 576.8
Renal	584.9, 584.5, 996.81
Infectious	576.1, 785, 572.0, 998.59, 780.60, 038.9, 486, 599.0, 008.45, 682.6, 790.7, 465.9, 038.42, 038.49, 998.02, 038.0, 999.31, 567.22
Electrolyte	276.1, 276.7, 275.2, 276.8, 276.51, 790.6
Respiratory/CV	511.9, 518.81, 428.0, 786.59, 415.19
Graft Related	448.89, 794.8
Gastrointestinal	997.4, 787.91, 789.01, 789.09, 789.59, 789.00, 560.9, 558.9, 787.01, 577.0, 564.00
Hematologic	285.9, 288.00, 284.1, 284.89, 998.11, 285.29, 453.41
Wound related	998.12, 998.13, 998.32, 998.51, 998.31
Neurologic	780.97, 780.39, 572.2, 780.2, 784.0

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