

Appendix B

Search Strategies: Caregiver Risk, Cost and Utilization Search

Databases used: Ovid Medline and Ovid Medline in-process & other non-indexed citations

Overall Strategy: (elderly AND informal caregivers) AND (institutionalization OR hospital stays OR admissions OR costs OR utilization)

Ovid Medline

Run on 11/12/2015

#	Searches	Results
1	"aged"/ or "Health Services for the Aged"/ or "Homes for the Aged"/ or "Assisted Living Facilities"/ or "Geriatrics"/ or "Medicare"/ or "Dual MEDICAID MEDICARE Eligibility"/ or "Nursing Homes"/ or "Dental Care for Aged"/ or ("Aging"/ and "humans"/)	2623581
2	("aged 65" or "aged 66" or "aged 67" or "aged 69" or "aged 70" or "aged 71" or "aged 72" or "aged 73" or "aged 74" or "aged 75" or "aged 76" or "aged 79" or "aged 80" or "aged 82" or "aged 85" or "aged 86" or "aged 90" or "age 65" or "age 66" or "age 67" or "age 68" or "age 69" or "age 70" or "age 71" or "age 72" or "age 73" or "age 74" or "age 75" or "age 76" or "age 77" or "age 78" or "age 79" or "age 80" or "age 81" or "age 82" or "age 83" or "age 84" or "age 85" or "age 86" or "age 87" or "age 88" or "age 89" or "age 90" or "age 91" or "age 92" or "age 93" or "age 94" or "age 95" or "age 96" or "age 97" or "age 98" or "age 99" or "age 100" or "65 years" or "66 years" or "67 years" or "68 years" or "69 years" or "70 years" or "71 years" or "72 years" or "73 years" or "74 years" or "75 years" or "76 years" or "77 years" or "78 years" or "79 years" or "80 years" or "81 years" or "82 years" or "83 years" or "84 years" or "85 years" or "86 years" or "87 years" or "88 years" or "89 years" or "90 years" or "91 years" or "92 years" or "93 years" or "94 years" or "95 years" or "96 years" or "97 years" or "98 years" or "99 years" or "100 years" or "101 years" or "102 years" or "103 years" or "104 years" or "105 years" or "65 yrs" or "66 yrs" or "67 yrs" or "68 yrs" or "69 yrs" or "70 yrs" or "71 yrs" or "72 yrs" or "73 yrs" or "74 yrs" or "75 yrs" or	289042

	"76 yrs" or "77 yrs" or "78 yrs" or "79 yrs" or "80 yrs" or "81 yrs" or "82 yrs" or "83 yrs" or "84 yrs" or "85 yrs" or "86 yrs" or "87 yrs" or "88 yrs" or "89 yrs" or "90 yrs" or "91 yrs" or "92 yrs").ab,ti.	
3	(Centenarian\$ or Nonagenarian\$ or Octogenarian\$).ab,kw,ti.	3867
4	("over 65" or "over 66" or "over 67" or "over 68" or "over 69" or "over 70" or "over 71" or "over 72" or "over 73" or "over 74" or "over 75" or "over 76" or "over 77" or "over 78" or "over 79" or "over 80" or "over 81" or "over 82" or "over 83" or "over 84" or "over 85" or "over 86" or "over 87" or "over 88" or "over 89" or "over 90" or "over 91" or "over 92" or "over 93" or "over 94" or "over 95" or "over 96" or "over 97" or "over 98" or "over 99" or "over 100").ab,kw,ti.	49085
5	(elderly or elder or elders).ab,kw,ti.	183581
6	(Aging or ageing or "advanced age").ab,kw,ti. and humans/	111908
7	(dual eligible or dual eligibles or dual eligibility or medicare).ab,kw,ti.	28839
8	(Community dwell\$ or Geriatric\$ or older adult\$ or old adult\$ or older patient\$ or "older people" or "old people" or "older person" or "older persons" or "oldest old" or "very old" or old subject\$ or older subject\$ or old age or gerontolog\$ or "end of life" or "extreme old").ab,kw,ti.	174180
9	"Alzheimer Disease"/ or alzheimer\$.ab,kw,ti.	106812
10	"Dementia"/ or (dementia or demented or dementias).ab,kw,ti.	83526
11	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10	2886744
12	Caregivers/	24404
13	Home Nursing/	8240
14	12 or 13	30479
15	Family/	64444

16	Nuclear Family/	5045
17	Adult Children/	875
18	Family Relations/	8678
19	Family Characteristics/	20501
20	Siblings/	7318
21	Spouses/	7539
22	Friends/	3148
23	Stress, Psychological/	95658
24	15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23	199705
25	14 and 24	8989
26	(caregivers or caregiver or caregiving or care giving or Care Givers or Care Giver or carer or carers or providing care).ab,kw,ti.	48001
27	(unpaid or informal or nonprofessional or "non-professional" or Family or Families or relative or relatives or daughter or daughters or son or sons or adult child or adult children or spouse or spouses or spousal or wife or wives or husband or husbands or dyad or dyads or dyadic or burden or well-being or stress or stresses or stressful or stressors).ab,kw,ti.	1856266
28	((caregivers or caregiver or caregiving or care giving or Care Givers or Care Giver or carer or carers or providing care) adj3 (unpaid or informal or nonprofessional or "non-professional" or Family or Families or relative or relatives or daughter or daughters or son or sons or adult child or adult children or spouse or spouses or spousal or wife or wives or husband or husbands or dyad or dyads or dyadic or burden or well-being or stress or stresses or stressful or stressors)).ab,kw,ti.	13302
29	25 or 28	17941

30	11 and 29	11283
31	Institutionalization/	4928
32	(institutionalis\$ or institutionaliz\$).ab,ti,kf.	11519
33	Nursing Homes/	29780
34	(nursing home or nursing homes).ab,ti,kf.	22607
35	Intermediate Care Facilities/	645
36	(Intermediate Care Facilities or Intermediate Care Facility).ab,ti,kf.	222
37	Skilled Nursing Facilities/	3778
38	(Skilled Nursing Facility or Skilled Nursing Facilities).ab,ti,kf.	1571
39	(Extended care facility or Extended care facilities).ab,ti,kf.	384
40	Assisted Living Facilities/	1028
41	(Assisted Living Facility or Assisted Living Facilities).ab,ti,kf.	494
42	Residential Facilities/	4901
43	(Residential facility or Residential facilities).ab,ti,kf.	728
44	"placement outside the home".ab,ti,kf.	9
45	31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44	58836
46	Hospitalization/	79188
47	"Length of Stay"/	65589
48	Patient Admission/	20023

49	Patient Readmission/	9847
50	Patient Discharge/	20980
51	Patient Transfer/	6321
52	46 or 47 or 48 or 49 or 50 or 51	176850
53	(hospitalis\$ or hospitaliz\$).ab,ti,kf.	158809
54	(admission\$ or admit\$).ab,ti,kf.	248478
55	(readmission\$ or readmit\$).ab,ti,kf.	14041
56	discharg\$.ab,ti,kf.	168705
57	"length of stay".ab,ti,kf.	30100
58	53 or 54 or 55 or 56 or 57	514124
59	52 or 58	583784
60	"Cost of Illness"/	20219
61	Cost Savings/	9566
62	Cost-Benefit Analysis/	65133
63	Health Care Costs/	30348
64	Health Expenditures/	14984
65	Hospital Costs/	8598
66	Models, Econometric/	4058
67	Models, Economic/	7235

68	economics.fs.	362148
69	60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68	395335
70	(cost or costly or costs).ab,ti,kf.	336453
71	(expense or expenses or expenditure or expenditures).ab,ti,kf.	63264
72	(financial or finance or financing).ab,ti,kf.	63663
73	(econometric or economics or economic).ab,ti,kf.	148856
74	(burden or burdens or burdened).ab,ti,kf.	107938
75	Absenteeism/	7702
76	Employment/	38548
77	Unemployment/	5656
78	(Absenteeism or employment or income or unemployment or underemployment).ab,ti,kf.	108143
79	(work adj1 (life or loss or status or missed or absences or participation)).ab,ti,kf.	3876
80	(absent adj3 work\$).ab,ti,kf.	374
81	(absence\$ adj3 work\$).ab,ti,kf.	1672
82	occupational status.ab,ti,kf.	1694
83	70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82	725272
84	69 or 83	938575
85	utilization.fs.	152865
86	(utilis\$ or utiliz\$).ab,ti,kf.	368898

87	85 or 86	498635
88	30 and (45 or 59 or 84 or 87)	6602
89	limit 88 to (english language and yr="1990-Current")	5855

Ovid Medline In-Process & Other Non-Indexed Citations

Run on 11/13/2015

#	Searches	Results
1	(Aging or ageing or "advanced age" or aged).ab,ti,kf.	48372
2	("aged 65" or "aged 66" or "aged 67" or "aged 69" or "aged 70" or "aged 71" or "aged 72" or "aged 73" or "aged 74" or "aged 75" or "aged 76" or "aged 79" or "aged 80" or "aged 82" or "aged 85" or "aged 86" or "aged 90" or "age 65" or "age 66" or "age 67" or "age 68" or "age 69" or "age 70" or "age 71" or "age 72" or "age 73" or "age 74" or "age 75" or "age 76" or "age 77" or "age 78" or "age 79" or "age 80" or "age 81" or "age 82" or "age 83" or "age 84" or "age 85" or "age 86" or "age 87" or "age 88" or "age 89" or "age 90" or "age 91" or "age 92" or "age 93" or "age 94" or "age 95" or "age 96" or "age 97" or "age 98" or "age 99" or "age 100" or "65 years" or "66 years" or "67 years" or "68 years" or "69 years" or "70 years" or "71 years" or "72 years" or "73 years" or "74 years" or "75 years" or "76 years" or "77 years" or "78 years" or "79 years" or "80 years" or "81 years" or "82 years" or "83 years" or "84 years" or "85 years" or "86 years" or "87 years" or "88 years" or "89 years" or "90 years" or "91 years" or "92 years" or "93 years" or "94 years" or "95 years" or "96 years" or "97 years" or "98 years" or "99 years" or "100 years" or "101 years" or "102 years" or "103 years" or "104 years" or "105 years" or "65 yrs" or "66 yrs" or "67 yrs" or "68 yrs" or "69 yrs" or "70 yrs" or "71 yrs" or "72 yrs" or "73 yrs" or "74 yrs" or "75 yrs" or "76 yrs" or "77 yrs" or "78 yrs" or "79 yrs" or "80 yrs" or "81 yrs" or "82 yrs" or "83 yrs" or "84 yrs" or "85 yrs" or "86 yrs" or "87 yrs" or "88 yrs" or "89 yrs" or "90 yrs" or "91 yrs" or "92 yrs").ab,ti,kf.	25355
3	(Centenarian\$ or Nonagenarian\$ or Octogenarian\$).ab,ti,kf.	446

4	("over 65" or "over 66" or "over 67" or "over 68" or "over 69" or "over 70" or "over 71" or "over 72" or "over 73" or "over 74" or "over 75" or "over 76" or "over 77" or "over 78" or "over 79" or "over 80" or "over 81" or "over 82" or "over 83" or "over 84" or "over 85" or "over 86" or "over 87" or "over 88" or "over 89" or "over 90" or "over 91" or "over 92" or "over 93" or "over 94" or "over 95" or "over 96" or "over 97" or "over 98" or "over 99" or "over 100").ab,ti,kf.	5073
5	(elderly or elder or elders).ab,ti,kf.	15863
6	(dual eligible or dual eligibles or dual eligibility or medicare).ab,ti,kf.	1726
7	(Community dwell\$ or Geriatric\$ or older adult\$ or old adult\$ or older patient\$ or "older people" or "old people" or "older person" or "older persons" or "oldest old" or "very old" or old subject\$ or older subject\$ or old age or gerontolog\$ or "end of life" or "extreme old").ab,ti,kf.	15784
8	alzheimer\$.ab,ti,kf.	9528
9	(dementia or demented or dementias).ab,ti,kf.	7137
10	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9	97384
11	(caregivers or caregiver or caregiving or care giving or Care Givers or Care Giver or carer or carers or providing care).ab,kw,ti.	6095
12	(unpaid or informal or nonprofessional or "non-professional" or Family or Families or relative or relatives or daughter or daughters or son or sons or adult child or adult children or spouse or spouses or spousal or wife or wives or husband or husbands or dyad or dyads or dyadic or burden or well-being or stress or stresses or stressful or stressors).ab,kw,ti.	197077
13	((caregivers or caregiver or caregiving or care giving or Care Givers or Care Giver or carer or carers or providing care) adj3 (unpaid or informal or nonprofessional or "non-professional" or Family or Families or relative or relatives or daughter or daughters or son or sons or adult child or adult children or spouse or spouses or spousal or wife or wives or husband or husbands or dyad or dyads or dyadic or burden or well-being or stress or stresses or stressful or stressors)).ab,kw,ti.	1689

14	10 and 13	831
15	(institutionalis\$ or institutionaliz\$).ab,ti,kf.	888
16	(nursing home or nursing homes).ab,ti,kf.	1454
17	(Intermediate Care Facilities or Intermediate Care Facility).ab,ti,kf.	10
18	(Skilled Nursing Facility or Skilled Nursing Facilities).ab,ti,kf.	132
19	(Extended care facility or Extended care facilities).ab,ti,kf.	22
20	(Assisted Living Facility or Assisted Living Facilities).ab,ti,kf.	50
21	(Residential facility or Residential facilities).ab,ti,kf.	56
22	"placement outside the home".ab,ti,kf.	0
23	15 or 16 or 17 or 18 or 19 or 20 or 21 or 22	2458
24	(hospitalis\$ or hospitaliz\$).ab,ti,kf.	14565
25	(admission\$ or admit\$).ab,ti,kf.	24756
26	(readmission\$ or readmit\$).ab,ti,kf.	1842
27	discharg\$.ab,ti,kf.	19758
28	"length of stay".ab,ti,kf.	3458
29	24 or 25 or 26 or 27 or 28	52785
30	(cost or costly or costs).ab,ti,kf.	47259
31	(expense or expenses or expenditure or expenditures).ab,ti,kf.	6244
32	(financial or finance or financing).ab,ti,kf.	6387

33	(econometric or economics or economic).ab,ti,kf.	17467
34	(burden or burdens or burdened).ab,ti,kf.	15445
35	(Absenteeism or employment or income or unemployment or underemployment).ab,ti,kf.	12205
36	(work adj1 (life or loss or status or missed or absences or participation)).ab,ti,kf.	493
37	(absent adj3 work\$).ab,ti,kf.	43
38	(absence\$ adj3 work\$).ab,ti,kf.	178
39	occupational status.ab,ti,kf.	121
40	30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39	88893
41	(utilis\$ or utiliz\$).ab,ti,kf.	52136
42	((caregivers or caregiver or caregiving or care giving or Care Givers or Care Giver or carer or carers or providing care) adj3 (unpaid or informal or nonprofessional or "non-professional" or Family or Families or relative or relatives or daughter or daughters or son or sons or adult child or adult children or spouse or spouses or spousal or wife or wives or husband or husbands or dyad or dyads or dyadic or burden or well-being or stress or stresses or stressful or stressors)).ab,kw,ti.	1689
43	14 and (23 or 29 or 40 or 41)	512
44	limit 43 to (english language and yr="1990-Current")	486

