



WEST VIRGINIA PALLIATIVE CARE TEAM REPORT

*Prepared by:
The Center for Health Services and
Outcomes Research*

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The following report is based on data submitted by the Palliative Care Teams for completed consults during the period of January 1 through December 31, 2011.

Executive Summary

A total of **2191** individuals received Palliative Care Services during 2011. Data was entered into the on-line database for **1298** consults.

Site	Total n=2005	Total n=2006	Total n=2007	Total n=2008	Total n=2009	Total n=2010	Total n=2011	%
Beckley VA Medical Center	0	0	0	0	0	0	0	0.00
Bluefield Regional Medical Center	0	0	0	0	0	0	0	0.00
Cabell-Huntington Hospital	0	23	191	202	207	116	145	11.17
Camden-Clark Hospital	7	23	0	0	4	0	0	0.00
Charleston Area Medical Center	354	367	368	400	468	514	606	46.69
Fairmont General Hospital	22	52	36	41	28	9	0	0.00
Martinsburg VA Hospital	0	0	0	0	0	0	0	0.00
Monongalia General Hospital	65	12	0	0	0	0	0	0.00
Ohio Valley Medical Center	10	10	0	0	0	0	0	0.00
Pleasant Valley Hospital	0	0	0	0	0	0	0	0.00
Potomac Valley Hospital	0	0	0	0	0	0	0	0.00
Preston Memorial Hospital	1	1	0	0	0	0	0	0.00
Princeton Community Hospital	132	0	0	0	0	0	0	0.00
Raleigh General Hospital	172	316	72	0	0	0	0	0.00
Raleigh Regional Cancer Center	0	316	0	0	0	0	0	0.00
Reynolds Memorial Hospital	29	22	13	17	12	0	0	0.00
Ruby Memorial Hospital	321	198	240	334	462	575	130	10.02
St. Francis Hospital	0	5	8	0	0	0	0	0.00
St. Joseph's Hospital	7	5	12	3	0	10	0	0.00
St. Mary's Hospital	358	306	297	212	293	278	298	22.96
Summersville Memorial Hospital	0	0	0	0	0	0	0	0.00
Sundale Nursing Home	0	0	0	0	0	0	0	0.00
Thomas Memorial Hospital	376	555	424	415	401	465	96	7.40
United Hospital Center	0	29	22	45	36	34	23	1.77
Wheeling Hospital	0	0	0	0	0	0	0	0.00
Total	1854	1924	1683	1669	1911	2001	1298	100.00

Characteristics of the individuals followed by the Palliative Care Services include:

- 50.31% of the patients were female
- 45.53% were married
- 24.35% were widowed
- 95.91% were White or Caucasian

Referral:

- The main reasons for consults were goal clarification (68.41%), pain and symptom management (5.62%), psychological/spiritual support of patient/family (23.50%) and disposition (2.47%).

Primary Diagnosis:

- Cancer represented the largest primary diagnosis (37.60%) followed by Neurological (15.02%).
- 1205 consults (93.27%) had multiple chronic illnesses and of those 94.44% had more than 2 illnesses.

Resuscitation:

- Do not resuscitate orders (75.21%) were documented for the majority of patients.

Advance Directives:

- A medical power of attorney (MPOA) had been chosen by 56.30% of the patients.
- At the time of the first visit, 806 (62.10%) patients **did not have decision-making capacity**. Of the 806 patients who did not have decision-making capacity, 345 (43.40%) had an appointed health care surrogate, 422 (52.95%) had an MPOA, 305 (38.17%) had a living will and 9 (1.14%) had a legal guardian.
- Of the 806 without decision-making capacity 14 (1.77%) had both an MPOA and a health care surrogate, 726 (91.78%) had one or the other and 42 (5.31%) had neither an MPOA nor health care surrogate.
 - Thirty-seven (4.59%) patients had no form of advance directives.
- Of the 411 patients **with decision-making capacity**, 19 (4.70%) had an appointed health care surrogate, 263(64.46%) had an MPOA, 168 (41.69%) had a living will.
- Of the 411 with decision-making capacity 1 (0.25%) had both an MPOA and a health care surrogate, 276 (68.49%) had one or the other, 0 (0.00%) had a legal guardian and 126 (31.27%) had neither an MPOA nor health care surrogate.
 - A total of 127(30.90%) patients had no form of advance directives.
- Eighty-one (6.39%) patients had a status of “**undetermined decision making capacity**” and of those 15 (18.52%) **had no form of advance directives**.

Pain Assessment:

- Of the 411 patients with decision making capacity 108 had pain scale scores for both the initial assessment and 48-hour assessment.
- Seven (6.48%) patients reported an increase in their pain score and 17 (15.74%) reported no change in their pain score.
- Of those 17 with no change 8 (47.06%) reported 0 for both their initial and 48-hour pain assessment.
- 84(77.78%) patients reported a decrease between their initial and 48-hour pain scores.
- Of those 84 patients who reported a decrease in pain from their initial to 48-hour pain assessment the average change was 4.14. Mean score for initial assessment was 7.70 and the mean score for 48-hour pain assessment was 3.56.

Treatments:

- See attached information and method for understanding the data on page 6.

Disposition:

- At the time of discharge from the hospital or nursing home 346 (26.68%) patients died, 188 (14.49%) went home with Hospice, 166 (12.80%) were discharged home, 103(7.94%) went to a Nursing Home/Skilled Nursing Facility and 239 (18.43%) went to a Hospice House.
- Of the 346 people that died, 175 (50.87%) died in an acute care bed, 151 (43.90%) died in the ICU, 1 (0.29%) died as a Hospice inpatient and 4 (1.16%) died in SNU.

Process Measures:

- For the 1270 patients admitted to the hospital, the following mean number of days was reported: Admission to Referral = 7 days, Referral to Discharge = 5 days, Referral to Death = 4 days.
- For those 2 patients admitted to nursing homes, the following mean number of days was reported: Admission to Referral = 18 days, Referral to Discharge = 30 days.
- A total of 464 patients were discharged to a Hospice care setting. The following mean days were reported: Admission to Referral = 6 days, Referral to Discharge = 4 days.

NOTE: Throughout the report you will notice that the totals do not always match the total number of patients. The reason is because data are missing. Missing data were checked.

PCT Data Collection - Tool

Total number of patients discharged during January through December 2011:

1298

The data throughout this report that are noted as missing data were checked.

Gender:	n	%
Male	645	49.69
Female	653	50.31
Total	1298	100.00

Marital Status:	n	%
Single	171	13.17
Married	591	45.53
Divorced	184	14.18
Separated	36	2.77
Widowed	316	24.35
Total	1298	100.00

Pediatric:	n	%
Yes	6	0.46
No	1292	99.54
Total	1298	100.00

County of Residence:

In State:	n	%	n	%	
Barbour	0	0.00	Mineral	1	0.09
Berkeley	0	0.00	Mingo	24	2.07
Boone	36	3.10	Monongalia	16	1.38
Braxton	8	0.69	Monroe	3	0.26
Brooke	1	0.09	Morgan	0	0.00
Cabell	179	15.42	Nicholas	17	1.46
Calhoun	6	0.52	Ohio	2	0.17
Clay	16	1.38	Pendleton	0	0.00
Doddridge	0	0.00	Pleasants	0	0.00
Fayette	38	3.27	Pocahontas	0	0.00
Gilmer	3	0.26	Preston	10	0.86
Grant	2	0.17	Putnam	56	4.82
Greenbrier	14	1.21	Raleigh	27	2.33
Hampshire	1	0.09	Randolph	6	0.52
Hancock	0	0.00	Ritchie	0	0.00
Hardy	0	0.00	Roane	13	1.12
Harrison	35	3.01	Summers	6	0.52
Jackson	26	2.24	Taylor	4	0.34
Jefferson	1	0.09	Tucker	1	0.09
Kanawha	400	34.45	Tyler	0	0.00
Lewis	4	0.34	Upshur	3	0.26
Lincoln	32	2.76	Wayne	42	3.62
Logan	33	2.84	Webster	6	0.52
Marion	18	1.55	Wetzel	3	0.26
Marshall	2	0.17	Wirt	0	0.00
Mason	20	1.72	Wood	9	0.78
McDowell	19	1.64	Wyoming	9	0.78
Mercer	9	0.78	Total	1161	89.45

Out of State:	n	%	n	%	
Boyd, KY	3	2.19	Lawrence, OH	55	40.15
Carter, KY	0	0.00	Racine, OH	2	1.46
Elliott, KY	2	1.46	Scioto, OH	2	1.46
Floyd, KY	5	3.65	Other OH	14	10.22
Greenup, KY	2	1.46	Other States	30	21.90
Johnson, KY	5	3.65			
Carter, KY	4	2.92			
Magoffin, KY	2	1.46			
Martin, KY	3	2.19			
Other KY	8	5.84			
			Total	137	10.55

Ethnicity:	n	%	n	%	
Black or African American	46	3.55	American Indian/Alaskan Native	0	0.00
White or Caucasian	1243	95.91	Hispanic or Spanish	1	0.08
Asian or Pacific Islander	0	0.00	Other	6	0.46
			Total	1296	100.00

Reason for Consult:	n	%
<i>Only one answer could be marked.</i>		
Goal clarification	888	68.41
Psych/spiritual support of pt/family	305	23.50
Pain and symptom management	73	5.62
Disposition	32	2.47
Total	1298	100.00

Patient was admitted to:	n	%
Hospital	1270	97.84
Nursing Home/SNF	2	0.15
ICU	21	1.62
SNU	2	0.15
ED	1	0.08
Other	2	0.15
Total	1298	100.00

Primary Diagnosis:	n	%
Cancer	488	37.60
Cardiac	105	8.09
AIDS	2	0.15
Renal	42	3.24
Pulmonary	150	11.56
Liver	28	2.16
Neurological	195	15.02
Noncardiac Vascular	25	1.93
Dementia	70	5.39
General disability	45	3.47
Sepsis	96	7.40
Multi-organ failure	52	4.01
Total	1298	100.00

PPS at first contact: (n=1279)	n	%
Average	28.2	
Minimum	10	
Maximum	100	

Symptoms at initial assessment: Those who reported 'yes' they had these symptoms. Percentages are out of the total number of patients (1298).					
	n	%			
Pain	444	34.21	Nausea/Vomiting	133	10.25
Anorexia	175	13.48	Insomnia	19	1.46
Dysphasia	127	9.78	Weakness/malaise	397	30.59
Sore Mouth	17	1.31	Edema	14	1.08
Dyspnea	248	19.11	Restlessness	3	0.23
Cough	216	16.64	Confusion/delirium	90	6.93
Constipation	135	10.40	Anxiety	16	1.23
Diarrhea	7	0.54	Depression	95	7.32
			No symptoms	183	14.10
			Total	2136	

Would you be surprised if the patient died in the next year?	n	%
Yes	25	1.94
No	650	50.35
Total	675	52.29

Do Not Resuscitate:	n	%
Yes	971	75.21
No	320	24.79
Total	1291	100.00

DNR Card:	n	%
Yes	82	6.44
No	1192	93.56
Total	1274	100.00

Reason for Consult: Was pain and symptom management discussed?			
	No	Yes	Total
Goal clarification	473	415	888
%	53.27	46.73	
Psych/spiritual support of pt/family	103	202	305
%	33.77	66.23	
Pain and symptom management	9	64	73
%	12.33	87.67	
Disposition	19	13	32
%	59.38	40.63	
Total	604	694	1298
%	46.53	53.47	

Consult Location:	n	%
Hospital floor bed	741	62.37
ED	1	0.08
ICU/Stepdown	439	36.95
Nursing Home/SNF	2	0.17
SNU	5	0.42
Total	1188	100.00

Did patient have multiple chronic illnesses:		
	n	%
Yes	1205	93.27
No	87	6.73
Total	1292	100.00

Of the 1205 that had multiple illnesses, note the following:		
	n	%
<=2	67	5.56
>2	1138	94.44
Total	1205	100.00

PPS Range	n	%
< = 50	1184	92.57
> = 51	95	7.43
Total	1279	100.00

DNR initiated by PCT:		
	n	%
Yes	320	32.96
No	651	67.04
Total	971	100.00

DNR Card initiated by PCT:		
	n	%
Yes	66	80.49
No	16	19.51
Total	82	100.00

Advanced Directives

Living Will:	n	%
Yes	500	39.03
No	781	60.97
Total	1281	100.00

Medical Power Of Attorney:	n	%
Yes	724	56.30
No	562	43.70
Total	1286	100.00

Health Care Surrogate:	n	%
Yes	392	30.70
No	885	69.30
Total	1277	100.00

Legal Guardian:	n	%
Yes	11	0.86
No	1254	98.43
Parent of Minor	9	0.71
Total	1274	100.00

POST Form completed:	n	%
Yes	180	14.17
No	1090	85.83
Total	1270	100.00

Did patient have decision making capacity at time of first visit?	n	%
Yes	411	31.66
No	806	62.10
Unable to determine	81	6.24
Total	1298	100.00

Pain Scale used	n	%
Numerical Rating Scale	139	55.82
PAINAD Scale	110	44.18
Total	249	100.00

Living will initiated by PCT:	n	%
Yes	23	4.60
No	477	95.40
Total	500	100.00

MPOA initiated by PCT:	n	%
Yes	63	8.71
No	660	91.29
Total	723	100.00

HCS initiated by PCT:	n	%
Yes	85	21.68
No	307	78.32
Total	392	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	0.00
No	11	100.00
Total	11	100.00

POST Form initiated by PCT:	n	%
Yes	123	68.33
No	57	31.67
Total	180	100.00

Pain Scale used	Numeric	PAINAD	Total
With decision making capacity	87	3	90
%	96.67	3.33	
Without decision making capacity	34	105	139
%	24.46	75.54	
Total	121	108	229
%	52.84	47.16	

Of the 806 patients WITHOUT decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	305	38.17
No	494	61.83
Total	799	100.00

Medical Power Of Attorney:	n	%
Yes	422	52.95
No	375	47.05
Total	797	100.00

Health Care Surrogate:	n	%
Yes	345	43.40
No	450	56.60
Total	795	100.00

Legal Guardian:	n	%
Yes	9	1.14
No	774	97.85
Parent of Minor	8	1.01
Total	791	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	14	1.77
MPOA or HCS appointed	726	91.78
Legal Guardian appointed	9	1.14
Neither MPOA or HCS appointed	42	5.31
Total	791	100.00

Living will initiated by PCT:	n	%
Yes	2	0.66
No	303	99.34
Total	305	100.00

MPOA initiated by PCT:	n	%
Yes	7	1.66
No	414	98.34
Total	421	100.00

HCS initiated by PCT:	n	%
Yes	78	22.61
No	267	77.39
Total	345	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	0.00
No	9	100.00
Total	9	100.00

Advance Directives of any kind appointed:	n	%
Yes	769	95.41
No	37	4.59
Total	806	100.00

Of the 411 patients WITH decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	168	41.69
No	235	58.31
Total	403	100.00

Medical Power Of Attorney:	n	%
Yes	263	64.46
No	145	35.54
Total	408	100.00

Health Care Surrogate:	n	%
Yes	19	4.70
No	385	95.30
Total	404	100.00

Legal Guardian:	n	%
Yes	0	0.00
No	404	99.75
Parent of Minor	1	0.25
Total	405	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	1	0.25
MPOA or HCS appointed	276	68.49
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	126	31.27
Total	403	100.00

Of the 81 patients WITH an undetermined decision making capacity the following advanced directives were noted:

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	1	1.28
MPOA or HCS appointed	60	76.92
Legal Guardian appointed	2	2.56
Neither MPOA or HCS appointed	15	19.23
Total	78	100.00

Living will initiated by PCT:	n	%
Yes	20	11.90
No	148	88.10
Total	168	100.00

MPOA initiated by PCT:	n	%
Yes	55	20.91
No	208	79.09
Total	263	100.00

HCS initiated by PCT:	n	%
Yes	4	21.05
No	15	78.95
Total	19	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Advance Directives of any kind appointed:	n	%
Yes	284	69.10
No	127	30.90
Total	411	100.00

Advance Directives of any kind appointed:	n	%
Yes	66	81.48
No	15	18.52
Total	81	100.00

Of those 411 patients WITH decision making capacity at time of first visit, 108 had pain scale scores for both the initial pain assessment and the 48 hour assessment.

The difference in pain scores between the two assessments.			
	n	%	
Higher	7	6.48	
Lower	84	77.78	
No Change	17	15.74	
Total	108	100.00	

The difference in pain scores between the two assessments, with 0's for both initial and 48 hour removed.			
	n	%	
Higher	7	7.00	
Lower	84	84.00	
No Change	9	9.00	
Total	100	100.00	

Of those 17 patients with no change in pain score from initial assessment to 48 hours, the following pain scores were reported:

Time1 /Time 2	n	%		Time1 /Time 2	n	%	
0/0	8	47.06		6/6	1	5.88	
1/1	0	0.00		7/7	0	0.00	
2/2	4	23.53		8/8	1	5.88	
3/3	1	5.88		9/9	0	0.00	
4/4	1	5.88		10/10	0	0.00	
5/5	1	5.88		Total	17	100.00	

Of the 84 patients that experienced a decrease in pain score from initial assessment to 48 hours, the following changes were noted:

n	Time 1	Time 2	Difference in Pain Scores	n	Time 1	Time 2	Difference in Pain Scores
1	10	0	-10	0	4	0	-4
0	10	1	-9	4	10	7	-3
0	9	0	-9	0	9	6	-3
3	10	2	-8	2	8	5	-3
0	9	1	-8	5	7	4	-3
0	8	0	-8	0	6	3	-3
0	10	3	-7	3	5	2	-3
1	9	2	-7	1	4	1	-3
1	8	1	-7	0	3	0	-3
0	7	0	-7	3	10	8	-2
5	10	4	-6	1	9	7	-2
3	9	3	-6	4	8	6	-2
8	8	2	-6	1	7	5	-2
1	7	1	-6	0	6	4	-2
0	6	0	-6	0	5	3	-2
1	10	5	-5	1	4	2	-2
1	9	4	-5	0	3	1	-2
9	8	3	-5	1	2	0	-2
2	7	2	-5	0	9	8	-1
1	6	1	-5	1	8	7	-1
1	5	0	-5	0	7	6	-1
2	10	6	-4	3	6	5	-1
1	9	5	-4	2	5	4	-1
2	8	4	-4	0	4	3	-1
4	7	3	-4	2	3	2	-1
2	6	2	-4	0	2	1	-1
1	5	1	-4	0	1	0	-1

Treatments in use and changes while PCT involved in care:

How to interpret the data: *(Information reported reflects only those variables that were marked, no assumptions can be made.)*
The patient(s) can be using or not using a treatment at the time palliative care gets involved. If the treatment is marked "in use" it can be stopped. If the treatment is marked "not in use" it can be avoided.

Example: Intravenous fluids: 842 patients (70.7%) were receiving intravenous fluids, 349 (29.3%) were not using the intravenous fluids. Of the 842 patients using IV fluids, 507 (60.21%) discontinued use. Of the 349 patients not receiving IV fluids, 3 (0.86%) treatments were avoided.

Intravenous fluids	n	%
In use	842	70.70
Not in use	349	29.30
In use and stopped	507	60.21
Not in use and avoided	3	0.86

Intravenous antibiotics	n	%
In use	687	57.78
Not in use	502	42.22
In use and stopped	424	61.72
Not in use and avoided	0	0.00

Intravenous Vasopressors	n	%
In use	153	12.92
Not in use	1031	87.08
In use and stopped	108	70.59
Not in use and avoided	16	1.55

TPN/PPN	n	%
In use	50	4.30
Not in use	1114	95.70
In use and stopped	27	54.00
Not in use and avoided	9	0.81

Gastric feedings	n	%
In use	277	23.63
Not in use	895	76.37
In use and stopped	140	50.54
Not in use and avoided	29	3.24

Dialysis	n	%
In use	97	8.33
Not in use	1068	91.67
In use and stopped	44	45.36
Not in use and avoided	24	2.25

Diagnostic labs	n	%
In use	970	80.90
Not in use	229	19.10
In use and stopped	542	55.88
Not in use and avoided	3	1.31

Diagnostic x-rays	n	%
In use	955	79.65
Not in use	244	20.35
In use and stopped	537	56.23
Not in use and avoided	3	1.23

Mechanical ventilation	n	%
In use	260	21.83
Not in use	931	78.17
In use and stopped	164	63.08
Not in use and avoided	51	5.48

BIPAP or CPAP	n	%
In use	119	10.11
Not in use	1058	89.89
In use and stopped	67	56.30
Not in use and avoided	15	1.42

Transfusions	n	%
In use	182	15.64
Not in use	982	84.36
In use and stopped	83	45.60
Not in use and avoided	6	0.61

Chemotherapy	n	%
In use	82	7.04
Not in use	1082	92.96
In use and stopped	29	35.37
Not in use and avoided	38	3.51

Radiation Therapy	n	%
In use	21	75.00
Not in use	7	25.00
In use and stopped	12	57.14
Not in use and avoided	2	28.57

Surgery	n	%
In use	296	25.34
Not in use	872	74.66
In use and stopped	9	3.04
Not in use and avoided	73	8.37

ICU Admission to the floor	n	%
In use	82	92.13
Not in use	7	7.87
In use and stopped	4	4.88
Not in use and avoided	2	28.57

Discharge Summary:

Even after discharge the palliative care teams continue to track and follow-up with their patients.

A total of 346 (26.68%) patients died while being followed by the palliative care teams during 2011.

Disposition:	n	%
<i>Data reported for the following is strictly based on what happened to the patient on their exact discharge date.</i>		
Death	346	26.68
SNU (Hospital)	6	0.46
PCU	1	0.08
NH/SNF	103	7.94
Home	166	12.80
Hospice	188	14.49
Home Health	93	7.17
Hospital (Transfer)	9	0.69
Hospice inpatient	10	0.77
NH/SNF with Hospice	27	2.08
Personal care home	5	0.39
Acute Rehabilitation	13	1.00
Hospice House	239	18.43
LTAC	15	1.16
Team services no longer needed	65	5.01
Other	11	0.85
Total	1297	100.00

Place of Death:	n	%
<i>Data reported for the following is based on the patient dying on the date of discharge.</i>		
Hospital (ICU)	151	43.90
Hospital (Acute)	175	50.87
Personal Care Home	0	0.00
Home	0	0.00
SNU (Hospital)	4	1.16
NH/SNF	0	0.00
Hospice Inpatient	1	0.29
Hospice House	0	0.00
PCU	0	0.00
Home Health	0	0.00
Hospice	0	0.00
NH/SNF with Hospice	1	0.29
Acute Rehabilitation	0	0.00
Other	12	3.49
Total	344	100.00

Of those 346 patients who died the following were designated:

Primary Diagnosis:	n	%
Cancer	88	25.43
Cardiac	35	10.12
AIDS	2	0.58
Renal	9	2.60
Pulmonary	63	18.21
Liver	6	1.73
Neurological	63	18.21
Noncardiac Vascular	6	1.73
Dementia	6	1.73
General Disability	8	2.31
Sepsis	26	7.51
Mult-organ failure	34	9.83
Total	346	100.00

Interventions by PCT: (More than one option can be checked. Percentages are out of the total number of patients (1298).)

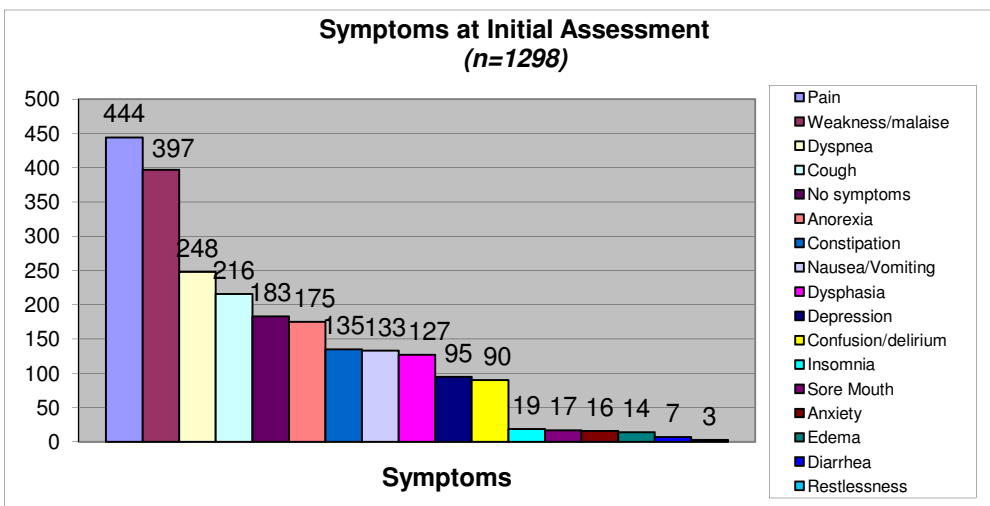
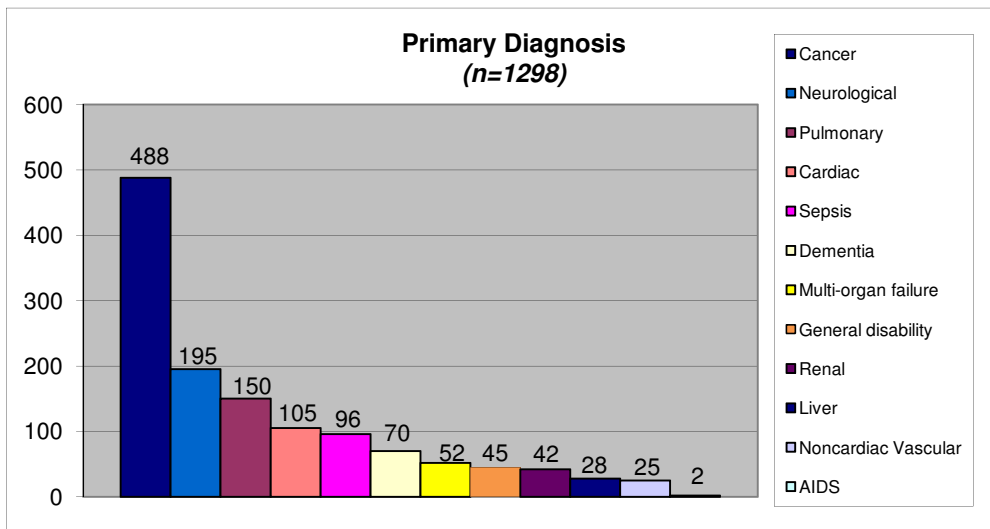
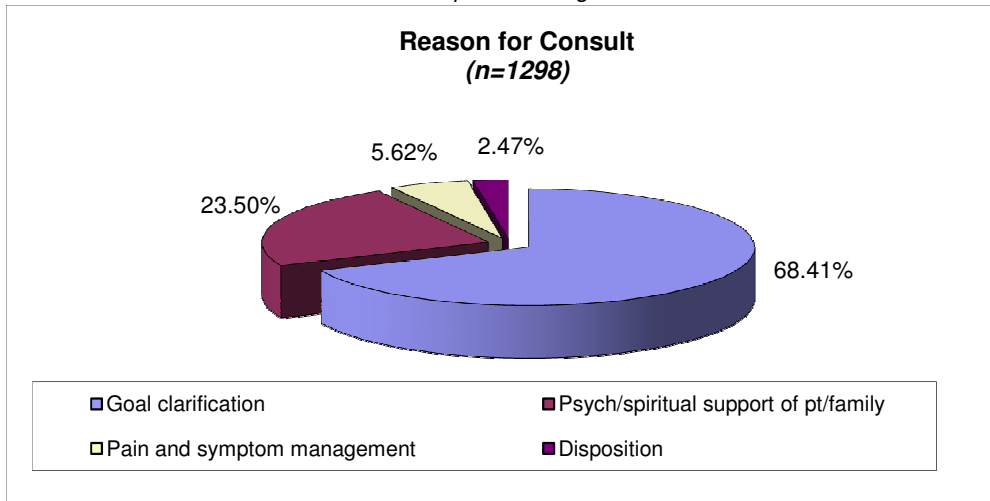
	n	%
Education about the process of their disease, prognosis and options for care.	1073	82.67
Conduct a patient and family care conference with appropriate members of the interdisciplinary team.	1059	81.59
Education about the benefits and burdens of specific treatments or potential interventions.	979	75.42
Provide information about spiritual care services or counseling services available.	811	62.48
Provide individual education and support to families and unlicensed caregivers to assure safe and appropriate care after discharge.	194	14.95
Provide pain and symptom management recommendations.	694	53.47
Education about the signs and symptoms of imminent death or dying process in a timely, culturally appropriate manner.	223	17.18
Hospice option for care was presented at this admission.	619	47.69
Total	5652	

Outcomes or decisions followed by family: (More than one option can be checked. Percentages are out of the total number of patients (1298).)

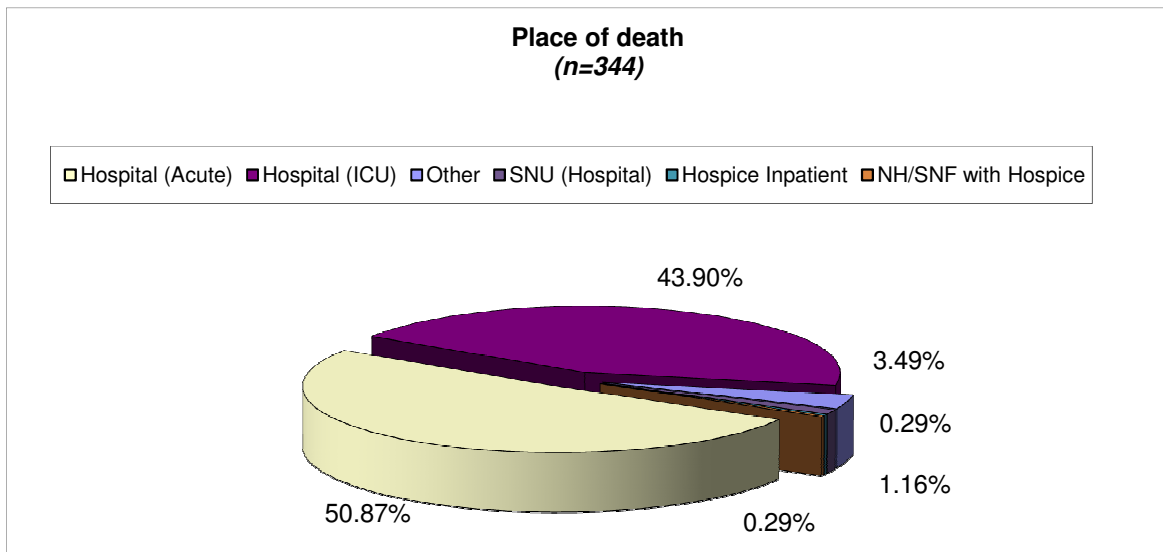
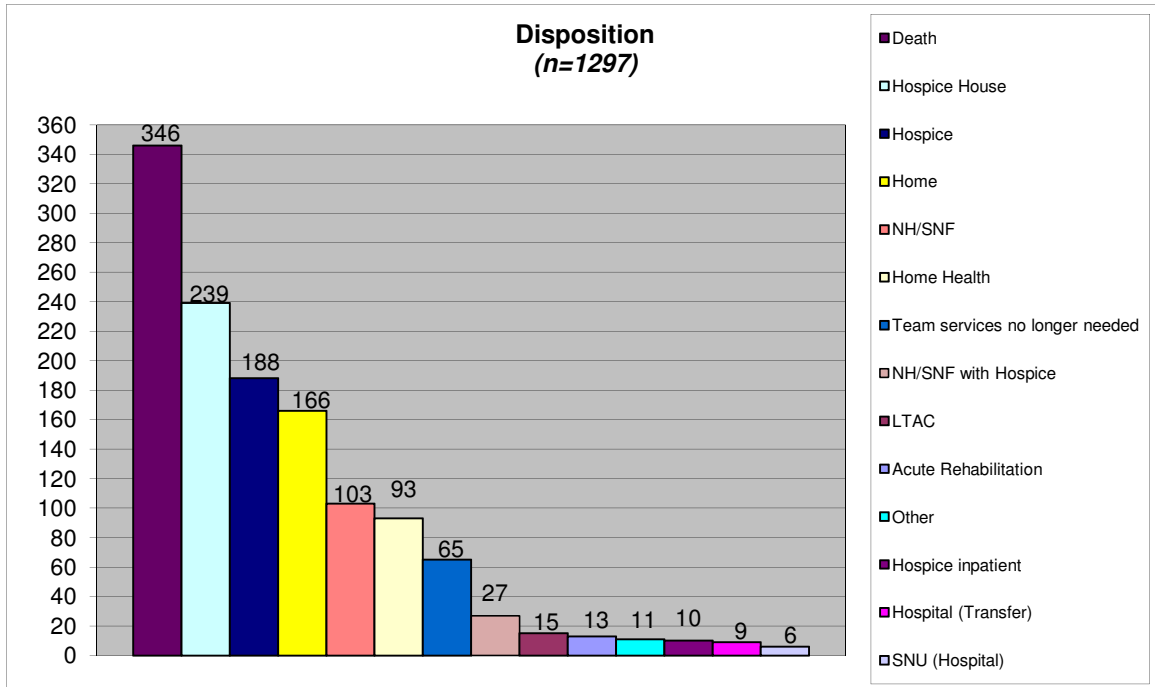
	n	%
Patient and family participated in family care conference	552	42.53
Pastoral Care referral	553	42.60
Involvement of own clergy for spiritual support	113	8.71
Total	1218	

PCT Data Collection - Tool

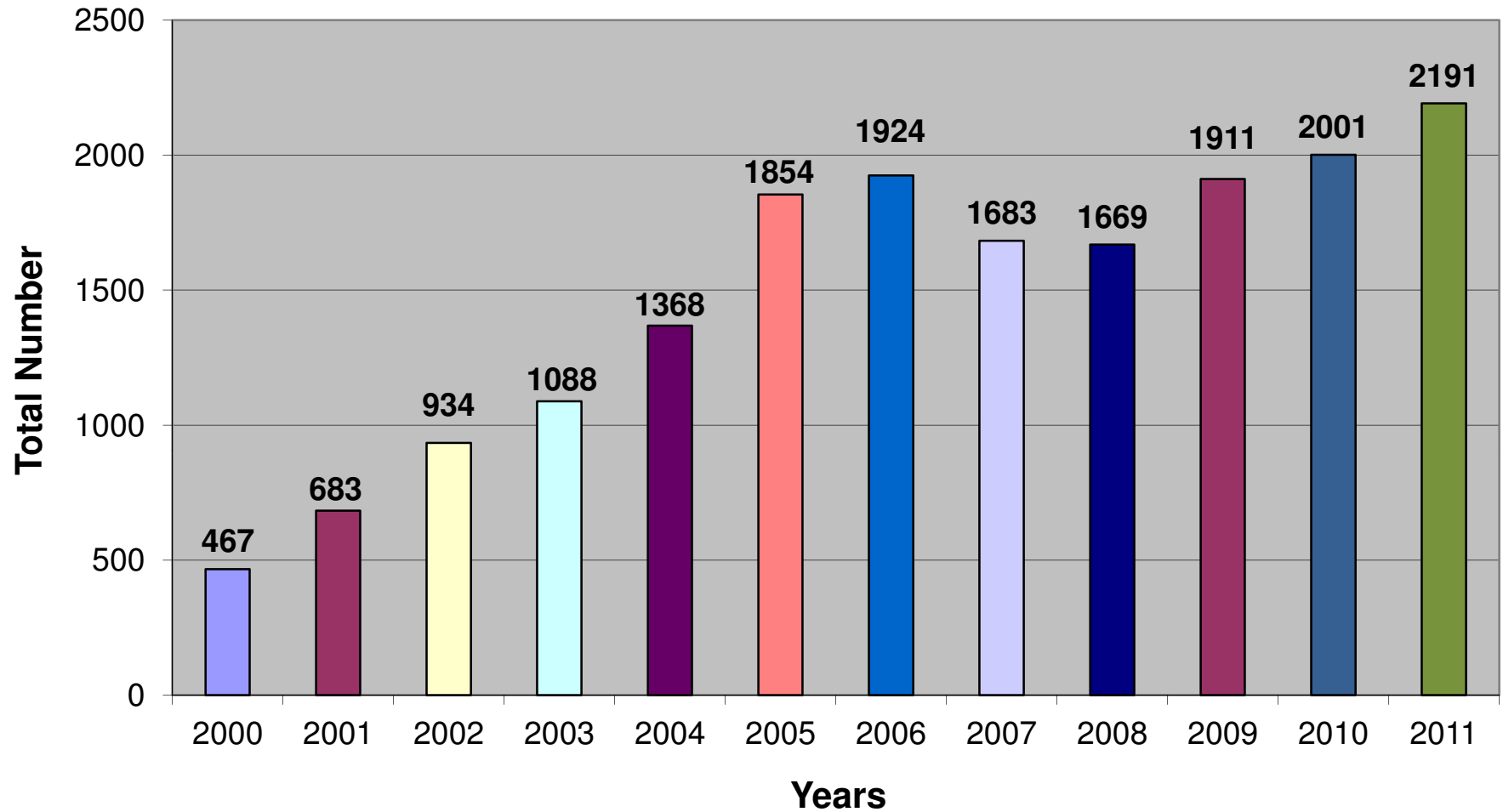
Total number of Palliative Care consults completed during 2011: 1298



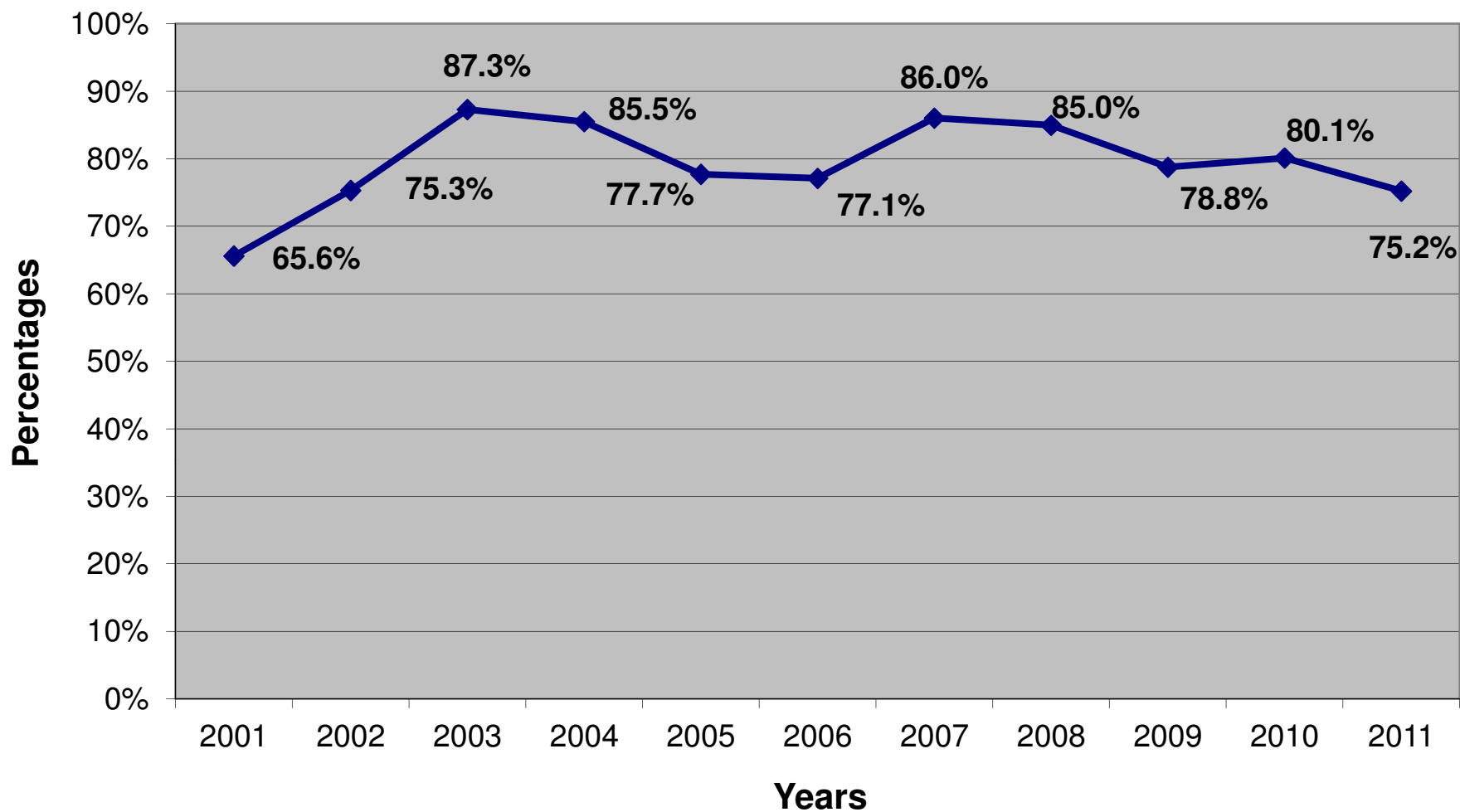
PCT Data Collection Tool - Outcomes



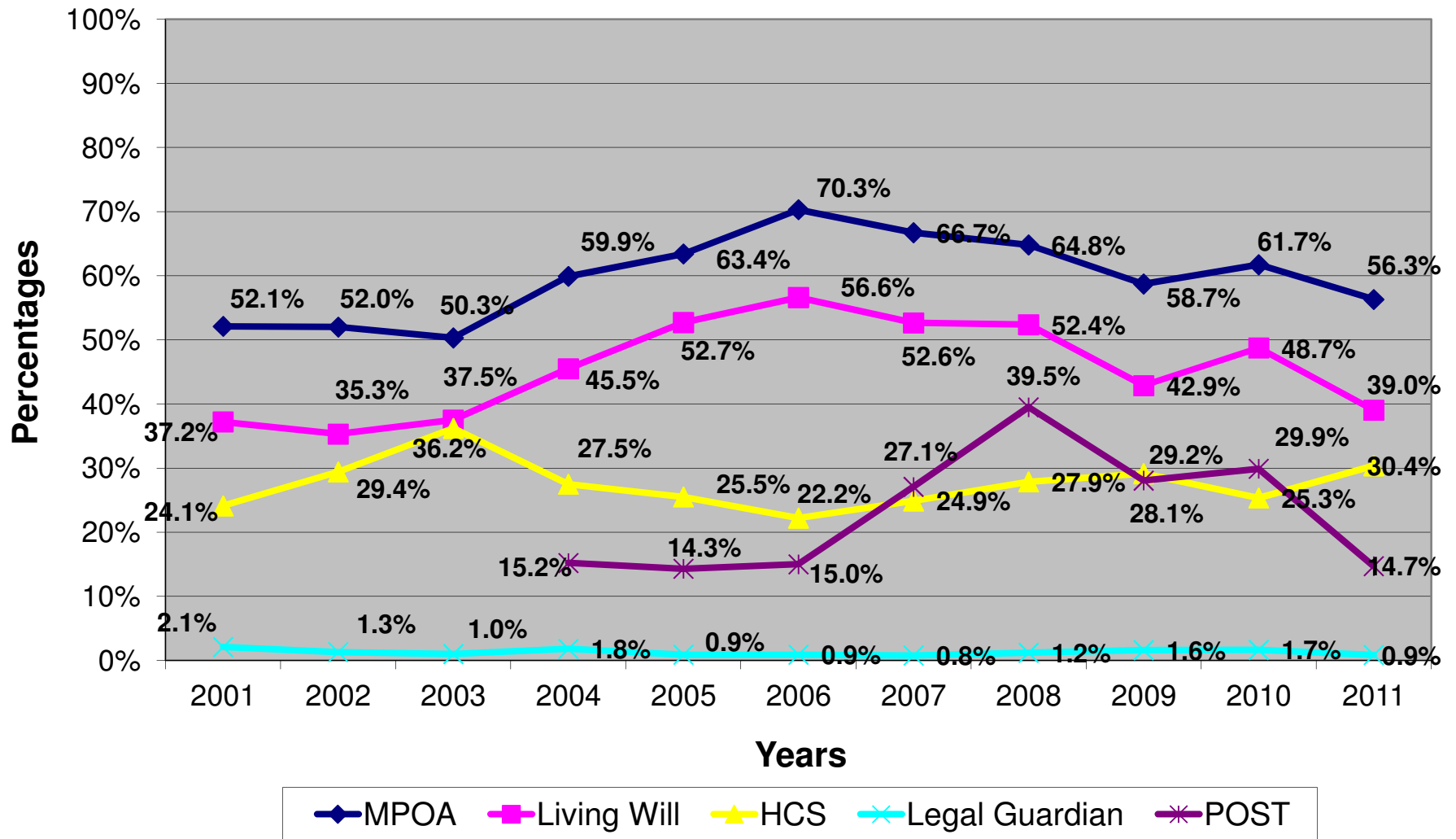
Patients Served by West Virginia Palliative Care Teams 2000 - 2011



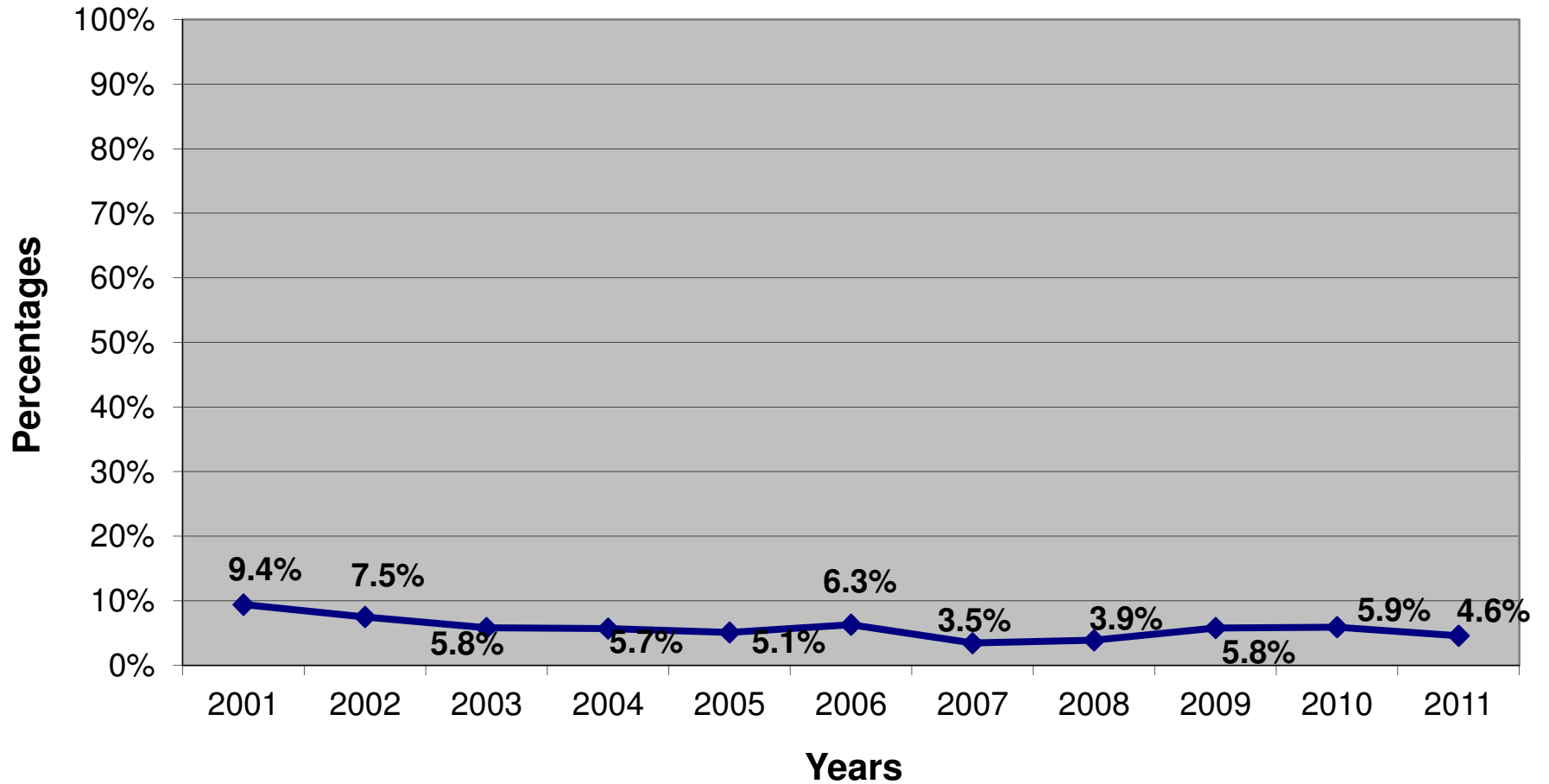
Percentage of Patients with Do Not Resuscitate Orders 2001 - 2011



Percentage of Patients with Advance Directives 2001 - 2011

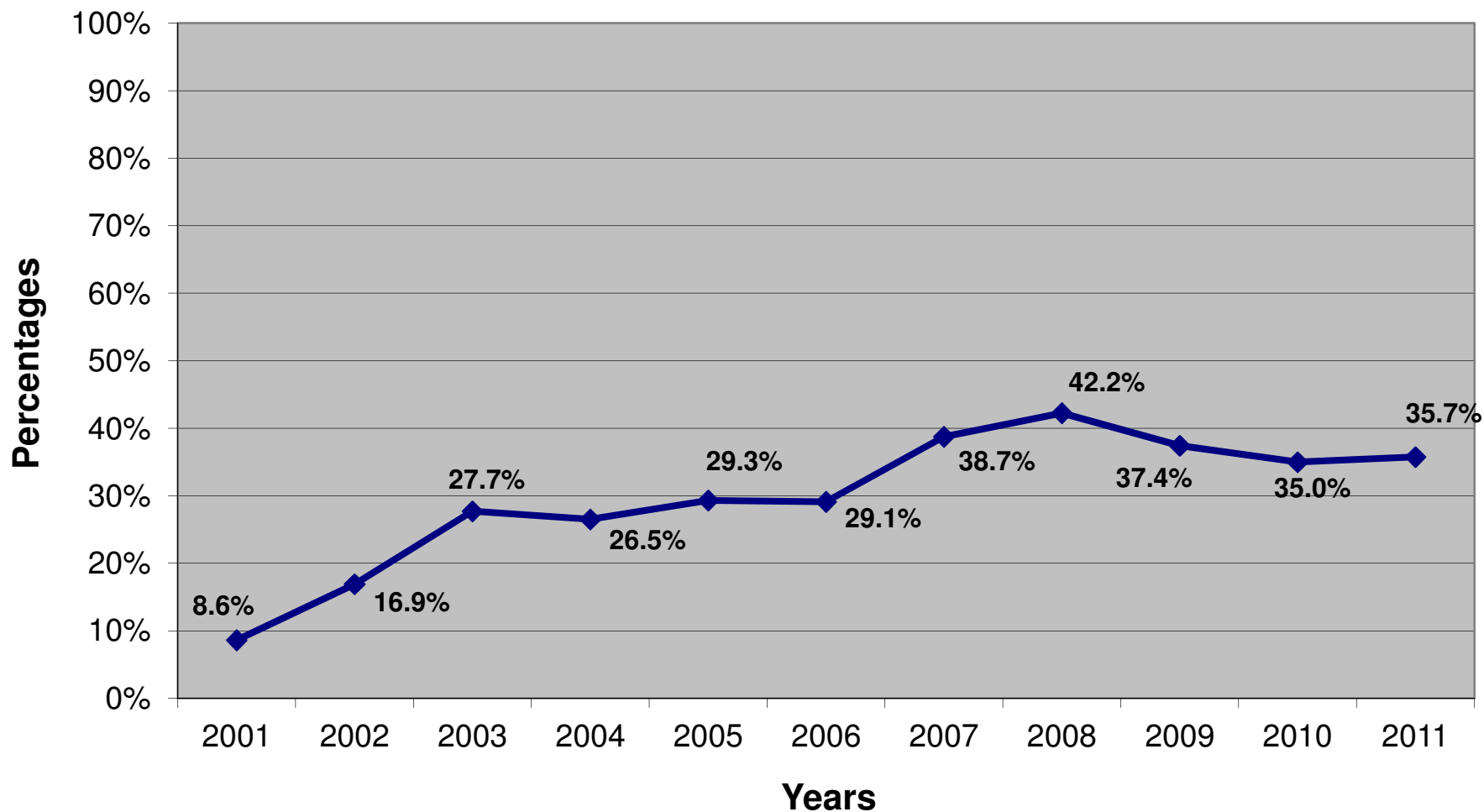


Patients without Decision Making Capacity and without Advance Directives 2001 - 2011



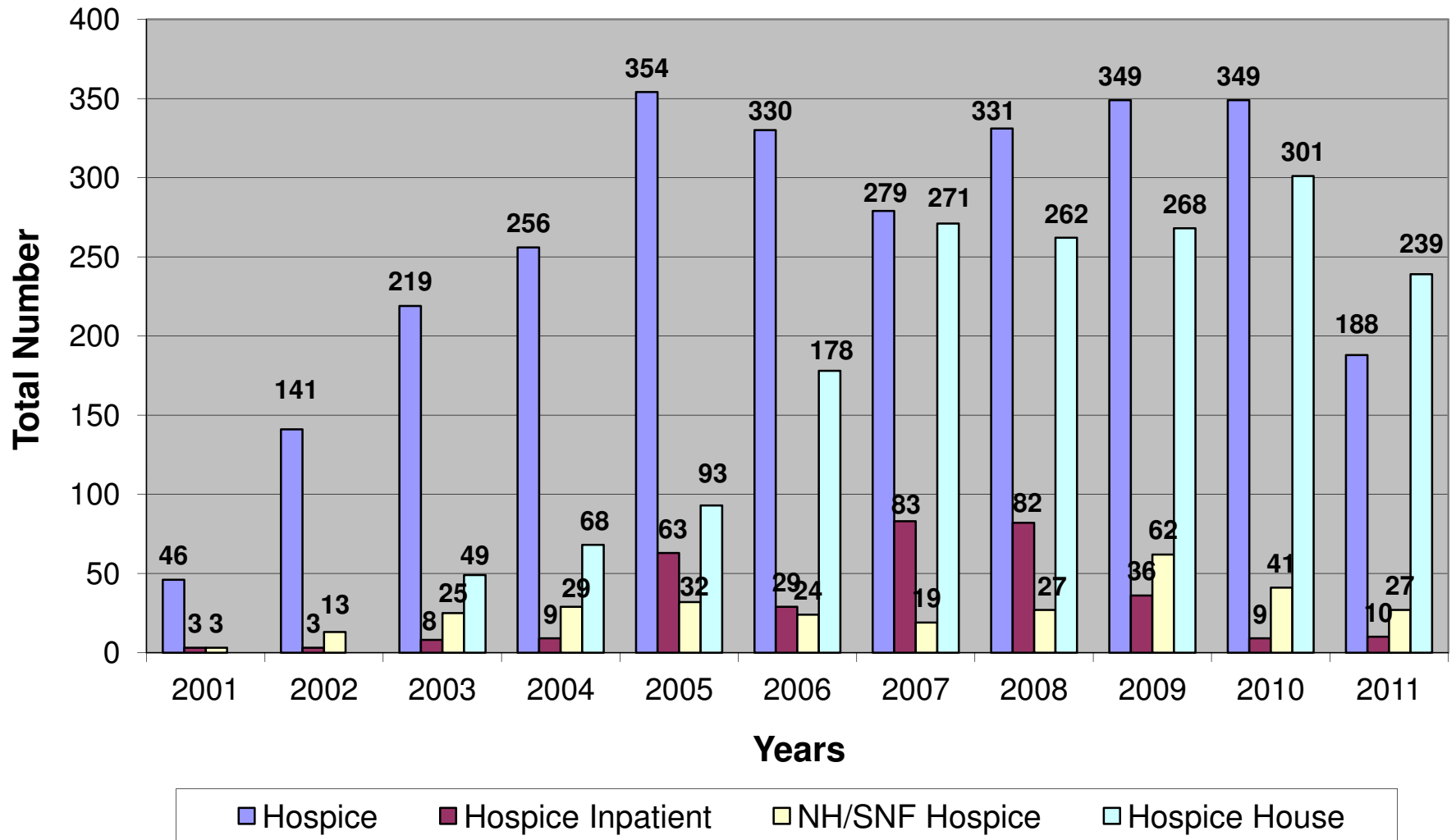
NOTE: Data includes those patients without MPOA, Living Will, Health Care Surrogate or Legal Guardian.

Percentage of Patients Discharged with Hospice 2001 - 2011

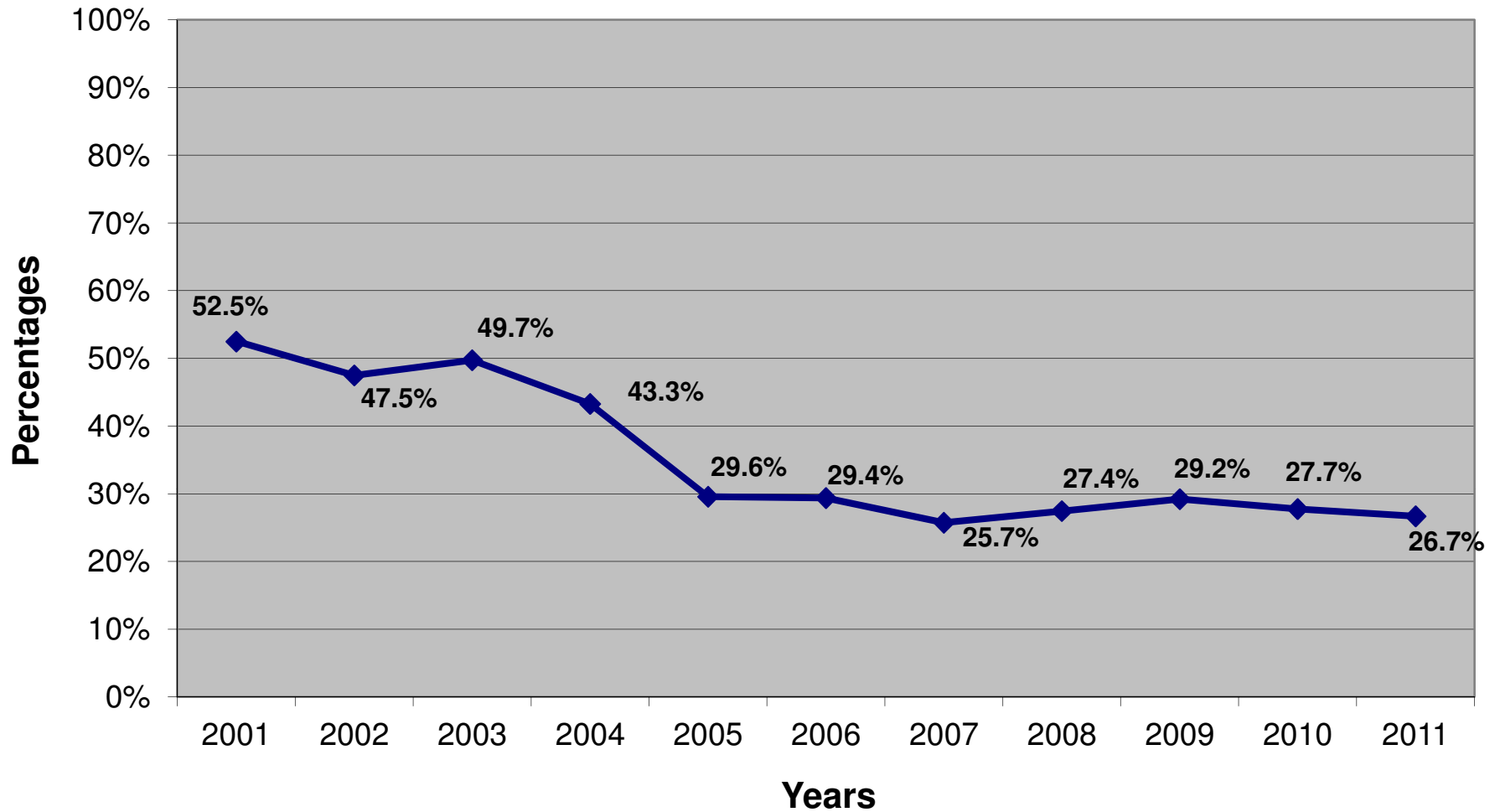


NOTE: Data includes those patients with the following dispositions: Hospice, Hospice Inpatient, NH/SNF with Hospice or Hospice House. Hospice House was added as an option in 2003.

Patients Discharged with Hospice by Location 2001 - 2011

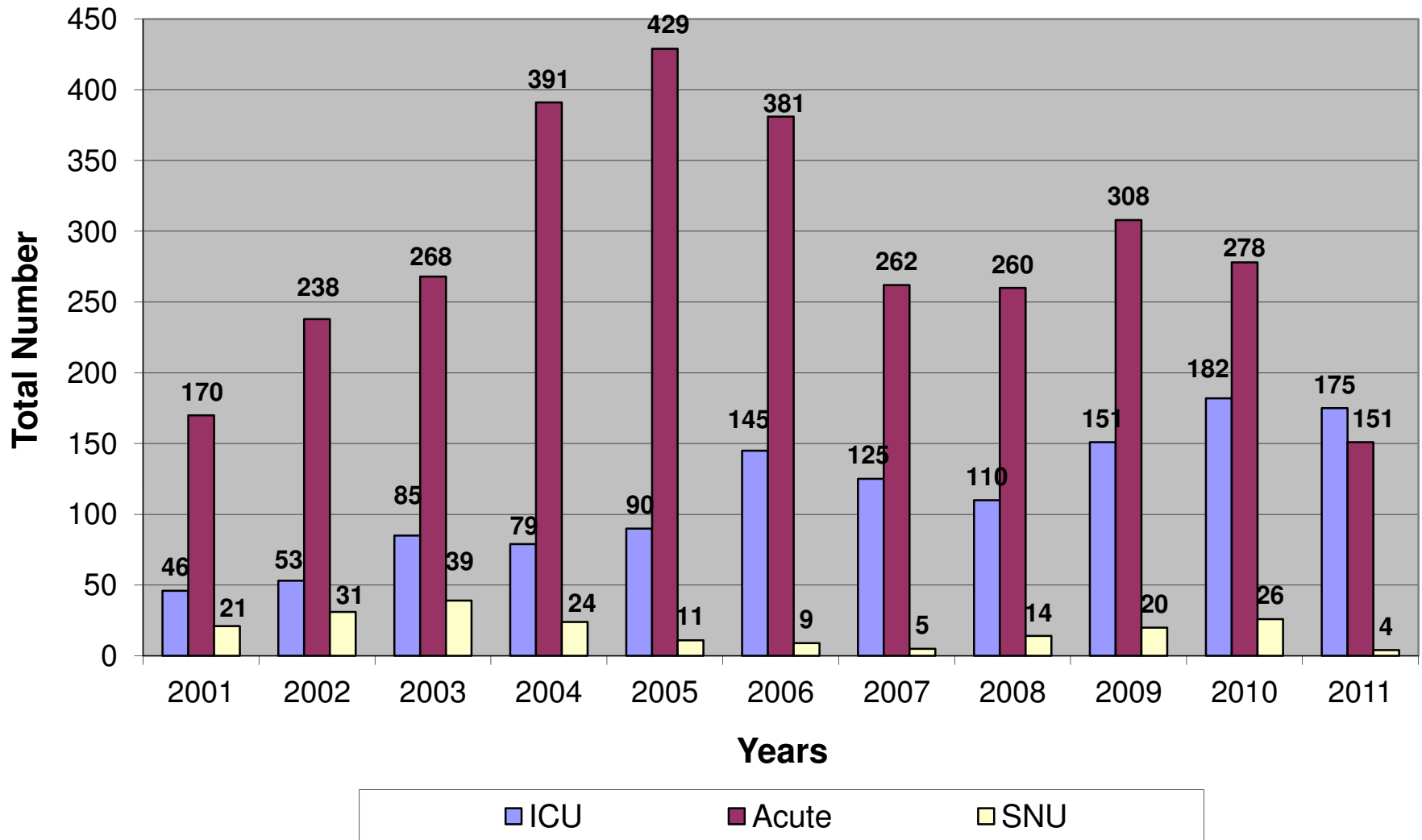


Percentage of Patients with a Disposition of Death 2001 - 2011



NOTE: Data includes those patients that died at Disposition.

Patients Dying in Hospital Setting 2001 - 2011



PCT Data Collection - Tool

Total number of patients discharged during January through December 2011:
 The data throughout this report that are noted as missing data were checked.

145

Gender:	n	%
Male	57	39.31
Female	88	60.69
Total	145	100.00

Marital Status:	n	%
Single	11	7.59
Married	72	49.66
Divorced	24	16.55
Separated	0	0.00
Widowed	38	26.21
Total	145	100.00

Pediatric:	n	%
Yes	0	0.00
No	145	100.00
Total	145	100.00

County of Residence:

In State:	n	%	n	%	
Barbour	0	0.00	Mineral	0	0.00
Berkeley	0	0.00	Mingo	11	11.00
Boone	2	2.00	Monongalia	0	0.00
Braxton	0	0.00	Monroe	0	0.00
Brooke	0	0.00	Morgan	0	0.00
Cabell	46	46.00	Nicholas	0	0.00
Calhoun	0	0.00	Ohio	0	0.00
Clay	0	0.00	Pendleton	0	0.00
Doddridge	0	0.00	Pleasants	0	0.00
Fayette	0	0.00	Pocahontas	0	0.00
Gilmer	0	0.00	Preston	0	0.00
Grant	0	0.00	Putnam	5	5.00
Greenbrier	0	0.00	Raleigh	1	1.00
Hampshire	0	0.00	Randolph	0	0.00
Hancock	0	0.00	Ritchie	0	0.00
Hardy	0	0.00	Roane	0	0.00
Harrison	0	0.00	Summers	0	0.00
Jackson	0	0.00	Taylor	0	0.00
Jefferson	0	0.00	Tucker	0	0.00
Kanawha	4	4.00	Tyler	0	0.00
Lewis	0	0.00	Upshur	0	0.00
Lincoln	5	5.00	Wayne	12	12.00
Logan	9	9.00	Webster	0	0.00
Marion	0	0.00	Wetzel	0	0.00
Marshall	0	0.00	Wirt	0	0.00
Mason	4	4.00	Wood	1	1.00
McDowell	0	0.00	Wyoming	0	0.00
Mercer	0	0.00	Total	100	68.97

Out of State:	n	%	n	%	
Boyd, KY	0	0.00	Lawrence, OH	25	55.56
Carter, KY	0	0.00	Racine, OH	0	0.00
Elliott, KY	2	4.44	Scioto, OH	0	0.00
Floyd, KY	5	11.11	Other OH	1	2.22
Greenup, KY	1	2.22	Other States	0	0.00
Johnson, KY	5	11.11			
Carter, KY	1	2.22			
Magoffin, KY	1	2.22			
Martin, KY	1	2.22			
Other KY	3	6.67			
			Total	45	31.03

Ethnicity:	n	%	n	%	
Black or African American	10	6.90	American Indian/Alaskan Native	0	0.00
White or Caucasian	135	93.10	Hispanic or Spanish	0	0.00
Asian or Pacific Islander	0	0.00	Other	0	0.00
			Total	145	100.00

Reason for Consult:	n	%
<i>Only one answer could be marked.</i>		
Goal clarification	81	55.86
Psych/spiritual support of pt/family	13	8.97
Pain and symptom management	34	23.45
Disposition	17	11.72
Total	145	100.00

Patient was admitted to:	n	%
Hospital	122	84.14
Nursing Home/SNF	1	0.69
ICU	20	13.79
SNU	2	1.38
ED	0	0.00
Other	0	0.00
Total	145	100.00

Primary Diagnosis:	n	%
Cancer	94	64.83
Cardiac	1	0.69
AIDS	0	0.00
Renal	5	3.45
Pulmonary	8	5.52
Liver	4	2.76
Neurological	18	12.41
Noncardiac Vascular	4	2.76
Dementia	2	1.38
General disability	2	1.38
Sepsis	6	4.14
Multi-organ failure	1	0.69
Total	145	100.00

PPS at first contact: (n=145)	n	%
Average	29.4	
Minimum	10	
Maximum	70	

Symptoms at initial assessment: Those who reported 'yes' they had these symptoms. Percentages are out of the total number of patients (145).

n	%	n	%		
Pain	62	42.76	Nausea/Vomiting	18	12.41
Anorexia	6	4.14	Insomnia	0	0.00
Dysphasia	10	6.90	Weakness/malaise	32	22.07
Sore Mouth	0	0.00	Edema	0	0.00
Dyspnea	18	12.41	Restlessness	0	0.00
Cough	44	30.34	Confusion/delirium	7	4.83
Constipation	4	2.76	Anxiety	0	0.00
Diarrhea	0	0.00	Depression	4	2.76
			No symptoms	1	0.69
			Total	205	

Would you be surprised if the patient died in the next year?	n	%
Yes	5	3.50
No	139	97.20
Total	144	100.70

Do Not Resuscitate:	n	%
Yes	105	73.43
No	38	26.57
Total	143	100.00

DNR Card:	n	%
Yes	40	27.97
No	103	72.03
Total	143	100.00

Reason for Consult: Was pain and symptom management discussed?	No	Yes	Total
Goal clarification	9	72	81
%	11.11	88.89	
Psych/spiritual support of pt/family	4	9	13
%	30.77	69.23	
Pain and symptom management	2	32	34
%	5.88	94.12	
Disposition	7	10	17
%	41.18	58.82	
Total	22	123	145
%	15.17	84.83	

Consult Location:	n	%
Hospital floor bed	107	73.79
ED	0	0.00
ICU/Stepdown	35	24.14
Nursing Home/SNF	1	0.69
SNU	2	1.38
Total	145	100.00

Did patient have multiple chronic illnesses:	n	%
Yes	128	88.28
No	17	11.72
Total	145	100.00

Of the 128 that had multiple illnesses, note the following:	n	%
<=2	10	7.81
>2	118	92.19
Total	128	100.00

PPS Range	n	%
< = 50	133	91.72
> = 51	12	8.28
Total	145	100.00

DNR initiated by PCT:	n	%
Yes	18	17.14
No	87	82.86
Total	105	100.00

DNR Card initiated by PCT:	n	%
Yes	39	97.50
No	1	2.50
Total	40	100.00

Advanced Directives

Living Will:	n	%
Yes	26	18.31
No	116	81.69
Total	142	100.00

Medical Power Of Attorney:	n	%
Yes	38	26.95
No	103	73.05
Total	141	100.00

Health Care Surrogate:	n	%
Yes	78	54.17
No	66	45.83
Total	144	100.00

Legal Guardian:	n	%
Yes	0	0.00
No	142	99.30
Parent of Minor	1	0.70
Total	143	100.00

POST Form completed:	n	%
Yes	2	1.44
No	137	98.56
Total	139	100.00

Did patient have decision making capacity at time of first visit?	n	%
Yes	36	24.83
No	92	63.45
Unable to determine	17	11.72
Total	145	100.00

Pain Scale used	n	%
Numerical Rating Scale	64	77.11
PAINAD Scale	19	22.89
Total	83	100.00

Living will initiated by PCT:	n	%
Yes	2	7.69
No	24	92.31
Total	26	100.00

MPOA initiated by PCT:	n	%
Yes	3	7.89
No	35	92.11
Total	38	100.00

HCS initiated by PCT:	n	%
Yes	6	7.69
No	72	92.31
Total	78	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

POST Form initiated by PCT:	n	%
Yes	0	0.00
No	2	100.00
Total	2	100.00

Pain Scale used	Numeric	PAINAD	Total
With decision making capacity	26	0	26
%	100.00	0.00	
Without decision making capacity	28	17	45
%	62.22	37.78	
Total	54	17	71
%	76.06	23.94	

Of the 92 patients WITHOUT decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	12	13.19
No	79	86.81
Total	91	100.00

Medical Power Of Attorney:	n	%
Yes	22	24.72
No	67	75.28
Total	89	100.00

Health Care Surrogate:	n	%
Yes	65	70.65
No	27	29.35
Total	92	100.00

Legal Guardian:	n	%
Yes	0	0.00
No	91	100.00
Parent of Minor	0	0.00
Total	91	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	4	4.49
MPOA or HCS appointed	76	85.39
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	9	10.11
Total	89	100.00

Living will initiated by PCT:	n	%
Yes	1	8.33
No	11	91.67
Total	12	100.00

MPOA initiated by PCT:	n	%
Yes	2	9.09
No	20	90.91
Total	22	100.00

HCS initiated by PCT:	n	%
Yes	4	6.15
No	61	93.85
Total	65	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Advance Directives of any kind appointed:	n	%
Yes	83	90.22
No	9	9.78
Total	92	100.00

Of the 36 patients WITH decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	11	32.35
No	23	67.65
Total	34	100.00

Medical Power Of Attorney:	n	%
Yes	11	31.43
No	24	68.57
Total	35	100.00

Health Care Surrogate:	n	%
Yes	4	11.43
No	31	88.57
Total	35	100.00

Legal Guardian:	n	%
Yes	0	0.00
No	34	97.14
Parent of Minor	1	2.86
Total	35	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	15	44.12
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	19	55.88
Total	34	100.00

Of the 17 patients WITH an undetermined decision making capacity the following advanced directives were noted:

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	14	82.35
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	3	17.65
Total	17	100.00

Living will initiated by PCT:	n	%
Yes	1	9.09
No	10	90.91
Total	11	100.00

MPOA initiated by PCT:	n	%
Yes	1	9.09
No	10	90.91
Total	11	100.00

HCS initiated by PCT:	n	%
Yes	1	25.00
No	3	75.00
Total	4	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Advance Directives of any kind appointed:	n	%
Yes	15	41.67
No	21	58.33
Total	36	100.00

Advance Directives of any kind appointed:	n	%
Yes	14	82.35
No	3	17.65
Total	17	100.00

Of those 36 patients WITH decision making capacity at time of first visit, 20 had pain scale scores for both the initial pain assessment and the 48 hour assessment.

The difference in pain scores between the two assessments.			
	n	%	
Higher	0	0.00	
Lower	18	90.00	
No Change	2	10.00	
Total	20	100.00	

The difference in pain scores between the two assessments, with 0's for both initial and 48 hour removed.			
	n	%	
Higher	0	0.00	
Lower	18	90.00	
No Change	2	10.00	
Total	20	100.00	

Of those 2 patients with no change in pain score from initial assessment to 48 hours, the following pain scores were reported:

Time1 /Time 2	n	%		Time1 /Time 2	n	%	
0/0	0	0.00		6/6	0	0.00	
1/1	0	0.00		7/7	0	0.00	
2/2	1	50.00		8/8	0	0.00	
3/3	0	0.00		9/9	0	0.00	
4/4	1	50.00		10/10	0	0.00	
5/5	0	0.00		Total	2	100.00	

Of the 18 patients that experienced a decrease in pain score from initial assessment to 48 hours, the following changes were noted:

n	Time 1	Time 2	Difference in Pain Scores	n	Time 1	Time 2	Difference in Pain Scores
0	10	0	-10	0	4	0	-4
0	10	1	-9	2	10	7	-3
0	9	0	-9	0	9	6	-3
0	10	2	-8	1	8	5	-3
0	9	1	-8	1	7	4	-3
0	8	0	-8	0	6	3	-3
0	10	3	-7	0	5	2	-3
0	9	2	-7	0	4	1	-3
0	8	1	-7	0	3	0	-3
0	7	0	-7	1	10	8	-2
1	10	4	-6	0	9	7	-2
1	9	3	-6	2	8	6	-2
0	8	2	-6	0	7	5	-2
0	7	1	-6	0	6	4	-2
0	6	0	-6	0	5	3	-2
1	10	5	-5	0	4	2	-2
1	9	4	-5	0	3	1	-2
1	8	3	-5	0	2	0	-2
0	7	2	-5	0	9	8	-1
0	6	1	-5	0	8	7	-1
0	5	0	-5	0	7	6	-1
1	10	6	-4	0	6	5	-1
0	9	5	-4	1	5	4	-1
0	8	4	-4	0	4	3	-1
3	7	3	-4	0	3	2	-1
1	6	2	-4	0	2	1	-1
0	5	1	-4	0	1	0	-1

Treatments in use and changes while PCT involved in care:

How to interpret the data: (Information reported reflects only those variables that were marked, no assumptions can be made.)
 The patient(s) can be using or not using a treatment at the time palliative care gets involved. If the treatment is marked "in use" it can be stopped. If the treatment is marked "not in use" it can be avoided.

Example: Intravenous fluids: 141 patients (97.24%) were receiving intravenous fluids, 4 (2.76%) were not using the intravenous fluids.
 Of the 141 patients using IV fluids, 67 (47.52%) discontinued use. Of the 4 patients not receiving IV fluids, 2 (50%) treatments were avoided.

Intravenous fluids	n	%
In use	141	97.24
Not in use	4	2.76
In use and stopped	67	47.52
Not in use and avoided	2	50.00

Intravenous antibiotics	n	%
In use	109	75.17
Not in use	36	24.83
In use and stopped	51	46.79
Not in use and avoided	0	0.00

Intravenous Vasopressors	n	%
In use	23	15.86
Not in use	122	84.14
In use and stopped	15	65.22
Not in use and avoided	0	0.00

TPN/PPN	n	%
In use	6	4.14
Not in use	139	95.86
In use and stopped	2	33.33
Not in use and avoided	0	0.00

Gastric feedings	n	%
In use	35	24.14
Not in use	110	75.86
In use and stopped	23	65.71
Not in use and avoided	8	7.27

Dialysis	n	%
In use	10	6.90
Not in use	135	93.10
In use and stopped	2	20.00
Not in use and avoided	3	2.22

Diagnostic labs	n	%
In use	138	95.17
Not in use	7	4.83
In use and stopped	72	52.17
Not in use and avoided	3	42.86

Diagnostic x-rays	n	%
In use	138	95.17
Not in use	7	4.83
In use and stopped	73	52.90
Not in use and avoided	3	42.86

Mechanical ventilation	n	%
In use	28	19.31
Not in use	117	80.69
In use and stopped	18	64.29
Not in use and avoided	8	6.84

BIPAP or CPAP	n	%
In use	6	4.14
Not in use	139	95.86
In use and stopped	0	0.00
Not in use and avoided	2	1.44

Transfusions	n	%
In use	8	5.52
Not in use	137	94.48
In use and stopped	1	12.50
Not in use and avoided	1	0.73

Chemotherapy	n	%
In use	35	24.14
Not in use	110	75.86
In use and stopped	16	45.71
Not in use and avoided	26	23.64

Radiation Therapy	n	%
In use	17	100.00
Not in use	0	0.00
In use and stopped	10	58.82
Not in use and avoided	#N/A	#N/A

Surgery	n	%
In use	40	27.59
Not in use	105	72.41
In use and stopped	1	2.50
Not in use and avoided	21	20.00

ICU Admission to the floor	n	%
In use	5	100.00
Not in use	0	0.00
In use and stopped	#N/A	#N/A
Not in use and avoided	#N/A	#N/A

Discharge Summary:

Even after discharge the palliative care teams continue to track and follow-up with their patients.

A total of 42 (28.97%) patients died while being followed by the palliative care teams during 2011.

Disposition:	n	%
<i>Data reported for the following is strictly based on what happened to the patient on their exact discharge date.</i>		
Death	42	28.97
SNU (Hospital)	2	1.38
PCU	0	0.00
NH/SNF	8	5.52
Home	19	13.10
Hospice	26	17.93
Home Health	10	6.90
Hospital (Transfer)	2	1.38
Hospice inpatient	3	2.07
NH/SNF with Hospice	6	4.14
Personal care home	0	0.00
Acute Rehabilitation	1	0.69
Hospice House	20	13.79
LTAC	3	2.07
Team services no longer needed	3	2.07
Other	0	0.00
Total	145	100.00

Place of Death:	n	%
<i>Data reported for the following is based on the patient dying on the date of discharge.</i>		
Hospital (ICU)	9	21.43
Hospital (Acute)	31	73.81
Personal Care Home	0	0.00
Home	0	0.00
SNU (Hospital)	0	0.00
NH/SNF	0	0.00
Hospice Inpatient	0	0.00
Hospice House	0	0.00
PCU	0	0.00
Home Health	0	0.00
Hospice	0	0.00
NH/SNF with Hospice	1	2.38
Acute Rehabilitation	0	0.00
Other	1	2.38
Total	42	100.00

Of those 42 patients who died the following were designated:

Primary Diagnosis:	n	%
Cancer	22	52.38
Cardiac	0	0.00
AIDS	0	0.00
Renal	1	2.38
Pulmonary	2	4.76
Liver	2	4.76
Neurological	7	16.67
Noncardiac Vascular	2	4.76
Dementia	0	0.00
General Disability	1	2.38
Sepsis	4	9.52
Multit-organ failure	1	2.38
Total	42	100.00

Interventions by PCT: (More than one option can be checked. Percentages are out of the total number of patients (145).)

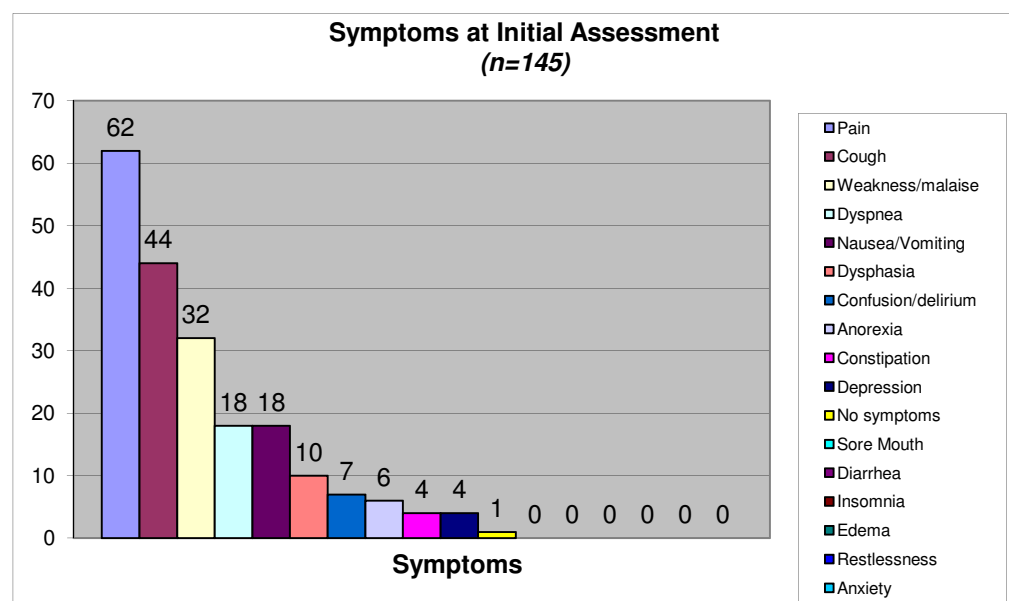
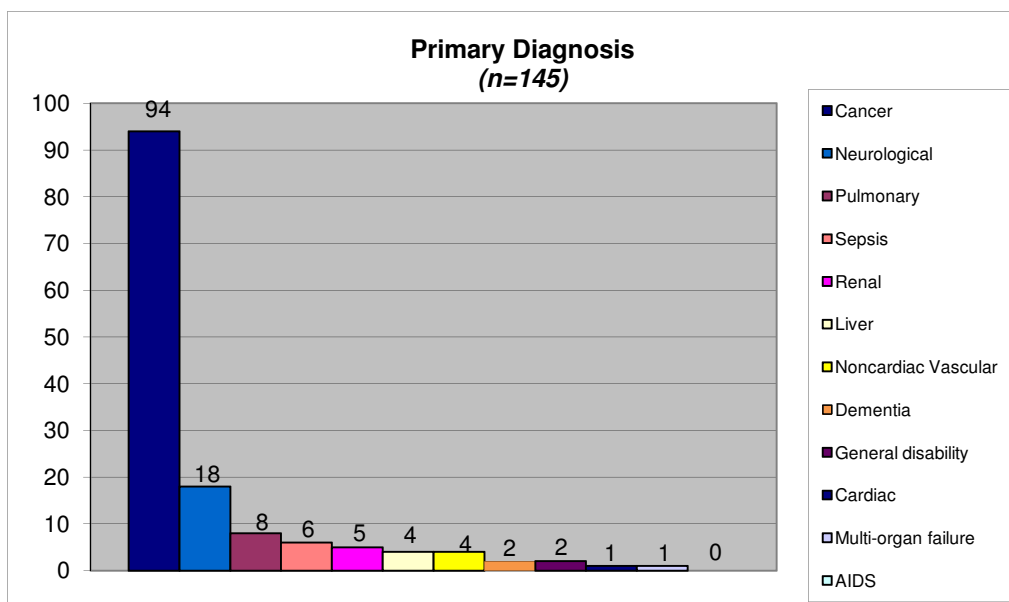
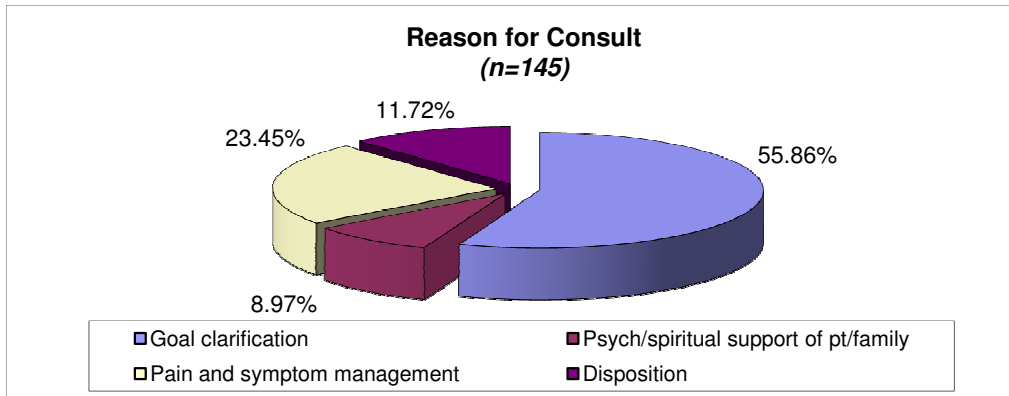
	n	%
Education about the process of their disease, prognosis and options for care.	108	74.48
Conduct a patient and family care conference with appropriate members of the interdisciplinary team.	91	62.76
Education about the benefits and burdens of specific treatments or potential interventions.	80	55.17
Provide information about spiritual care services or counseling services available.	125	86.21
Provide individual education and support to families and unlicensed caregivers to assure safe and appropriate care after discharge.	13	8.97
Provide pain and symptom management recommendations.	123	84.83
Education about the signs and symptoms of imminent death or dying process in a timely, culturally appropriate manner.	20	13.79
Hospice option for care was presented at this admission.	84	57.93
Total	644	

Outcomes or decisions followed by family: (More than one option can be checked. Percentages are out of the total number of patients (145).)

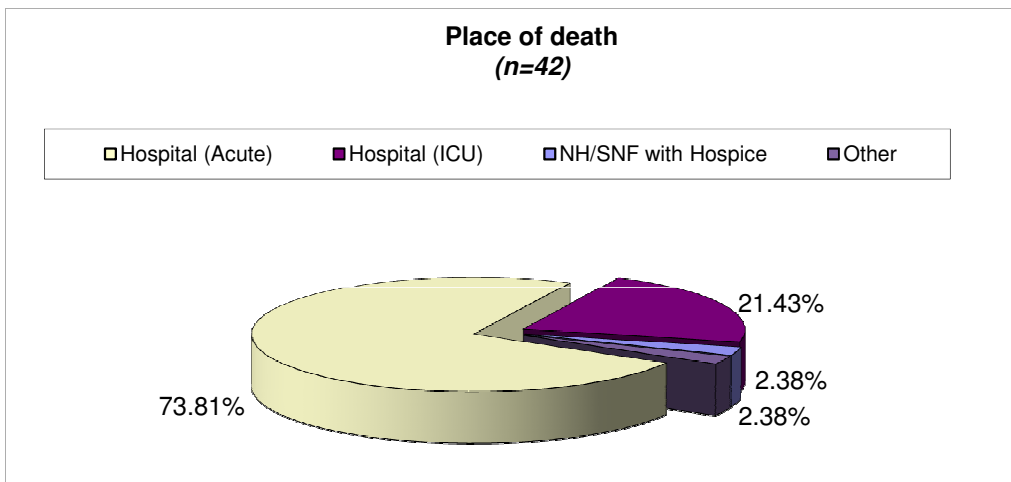
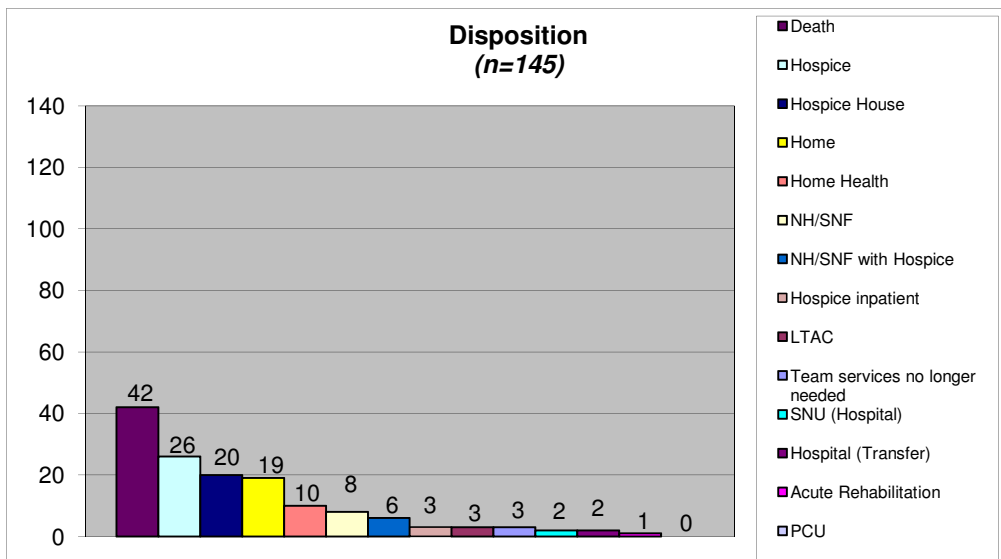
	n	%
Patient and family participated in family care conference	120	82.76
Pastoral Care referral	125	86.21
Involvement of own clergy for spiritual support	5	3.45
Total	250	

PCT Data Collection - Tool

Total number of Palliative Care consults completed during 2011: 145



PCT Data Collection Tool - Outcomes



PCT Data Collection - Tool

Total number of patients discharged during January through December 2011:
 The data throughout this report that are noted as missing data were checked.

606

Gender:	n	%
Male	316	52.15
Female	290	47.85
Total	606	100.00

Marital Status:	n	%
Single	87	14.36
Married	260	42.90
Divorced	107	17.66
Separated	0	0.00
Widowed	152	25.08
Total	606	100.00

Pediatric:	n	%
Yes	0	0.00
No	606	100.00
Total	606	100.00

County of Residence:

In State:	n	%		n	%
Barbour	0	0.00	Mineral	0	0.00
Berkeley	0	0.00	Mingo	3	0.50
Boone	32	5.38	Monongalia	0	0.00
Braxton	7	1.18	Monroe	1	0.17
Brooke	0	0.00	Morgan	0	0.00
Cabell	1	0.17	Nicholas	14	2.35
Calhoun	6	1.01	Ohio	0	0.00
Clay	16	2.69	Pendleton	0	0.00
Doddridge	0	0.00	Pleasants	0	0.00
Fayette	32	5.38	Pocahontas	0	0.00
Gilmer	0	0.00	Preston	0	0.00
Grant	0	0.00	Putnam	21	3.53
Greenbrier	13	2.18	Raleigh	20	3.36
Hampshire	0	0.00	Randolph	0	0.00
Hancock	0	0.00	Ritchie	0	0.00
Hardy	0	0.00	Roane	13	2.18
Harrison	0	0.00	Summers	6	1.01
Jackson	22	3.70	Taylor	0	0.00
Jefferson	0	0.00	Tucker	0	0.00
Kanawha	323	54.29	Tyler	0	0.00
Lewis	1	0.17	Upshur	0	0.00
Lincoln	5	0.84	Wayne	0	0.00
Logan	17	2.86	Webster	3	0.50
Marion	0	0.00	Wetzel	0	0.00
Marshall	0	0.00	Wirt	0	0.00
Mason	1	0.17	Wood	6	1.01
McDowell	15	2.52	Wyoming	8	1.34
Mercer	9	1.51	Total	595	98.18

Out of State:	n	%		n	%
Boyd, KY	0	0.00	Lawrence, OH	0	0.00
Carter, KY	0	0.00	Racine, OH	2	18.18
Elliott, KY	0	0.00	Scioto, OH	0	0.00
Floyd, KY	0	0.00	Other OH	2	18.18
Greenup, KY	0	0.00	Other States	5	45.45
Johnson, KY	0	0.00			
Carter, KY	0	0.00			
Magoffin, KY	0	0.00			
Martin, KY	0	0.00			
Other KY	2	18.18			
			Total	11	1.82

Ethnicity:	n	%		n	%
Black or African American	28	4.62	American Indian/Alaskan Native	0	0.00
White or Caucasian	572	94.39	Hispanic or Spanish	0	0.00
Asian or Pacific Islander	0	0.00	Other	6	0.99
			Total	606	100.00

Reason for Consult:	n	%
<i>Only one answer could be marked.</i>		
Goal clarification	409	67.49
Psych/spiritual support of pt/family	186	30.69
Pain and symptom management	8	1.32
Disposition	3	0.50
Total	606	100.00

Patient was admitted to:	n	%
Hospital	606	100.00
Nursing Home/SNF	0	0.00
ICU	0	0.00
SNU	0	0.00
ED	0	0.00
Other	0	0.00
Total	606	100.00

Primary Diagnosis:	n	%
Cancer	255	42.08
Cardiac	38	6.27
AIDS	1	0.17
Renal	23	3.80
Pulmonary	70	11.55
Liver	14	2.31
Neurological	75	12.38
Noncardiac Vascular	9	1.49
Dementia	29	4.79
General disability	14	2.31
Sepsis	60	9.90
Multi-organ failure	18	2.97
Total	606	100.00

PPS at first contact: (n=606)	n	%
Average	31.9	
Minimum	10	
Maximum	90	

Symptoms at initial assessment: Those who reported 'yes' they had these symptoms. Percentages are out of the total number of patients (606).					
	n	%		n	%
Pain	329	54.29	Nausea/Vomiting	93	15.35
Anorexia	112	18.48	Insomnia	19	3.14
Dysphasia	57	9.41	Weakness/malaise	157	25.91
Sore Mouth	17	2.81	Edema	14	2.31
Dyspnea	188	31.02	Restlessness	3	0.50
Cough	8	1.32	Confusion/delirium	48	7.92
Constipation	119	19.64	Anxiety	16	2.64
Diarrhea	7	1.16	Depression	87	14.36
			No symptoms	148	24.42
			Total	1274	

Would you be surprised if the patient died in the next year?	n	%
Yes	0	0.00
No	0	0.00
Total	0	0.00

Do Not Resuscitate:	n	%
Yes	419	69.14
No	187	30.86
Total	606	100.00

DNR Card:	n	%
Yes	26	4.29
No	580	95.71
Total	606	100.00

Reason for Consult: Was pain and symptom management discussed?	No	Yes	Total
Goal clarification	249	160	409
%	60.88	39.12	
Psych/spiritual support of pt/family	4	182	186
%	2.15	97.85	
Pain and symptom management	2	6	8
%	25.00	75.00	
Disposition	1	2	3
%	33.33	66.67	
Total	256	350	606
%	42.24	57.76	

Consult Location:	n	%
Hospital floor bed	356	70.50
ED	0	0.00
ICU/Stepdown	149	29.50
Nursing Home/SNF	0	0.00
SNU	0	0.00
Total	505	100.00

Did patient have multiple chronic illnesses:	n	%
Yes	567	93.56
No	39	6.44
Total	606	100.00

Of the 567 that had multiple illnesses, note the following:	n	%
<=2	20	3.53
>2	547	96.47
Total	567	100.00

PPS Range	n	%
< = 50	540	89.11
> = 51	66	10.89
Total	606	100.00

DNR initiated by PCT:	n	%
Yes	142	33.89
No	277	66.11
Total	419	100.00

DNR Card initiated by PCT:	n	%
Yes	23	88.46
No	3	11.54
Total	26	100.00

Advanced Directives

Living Will:	n	%
Yes	254	41.91
No	352	58.09
Total	606	100.00

Medical Power Of Attorney:	n	%
Yes	388	64.03
No	218	35.97
Total	606	100.00

Health Care Surrogate:	n	%
Yes	126	20.79
No	480	79.21
Total	606	100.00

Legal Guardian:	n	%
Yes	5	0.83
No	601	99.17
Parent of Minor	0	0.00
Total	606	100.00

POST Form completed:	n	%
Yes	65	10.73
No	541	89.27
Total	606	100.00

Did patient have decision making capacity at time of first visit?	n	%
Yes	278	45.87
No	304	50.17
Unable to determine	24	3.96
Total	606	100.00

Pain Scale used	n	%
Numerical Rating Scale	0	#DIV/0!
PAINAD Scale	0	#DIV/0!
Total	0	#DIV/0!

Living will initiated by PCT:	n	%
Yes	8	3.15
No	246	96.85
Total	254	100.00

MPOA initiated by PCT:	n	%
Yes	47	12.11
No	341	87.89
Total	388	100.00

HCS initiated by PCT:	n	%
Yes	52	41.27
No	74	58.73
Total	126	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	0.00
No	5	100.00
Total	5	100.00

POST Form initiated by PCT:	n	%
Yes	43	66.15
No	22	33.85
Total	65	100.00

Pain Scale used	Numeric	PAINAD	Total
With decision making capacity	0	0	0
%	#DIV/0!	#DIV/0!	
Without decision making capacity	0	0	0
%	#DIV/0!	#DIV/0!	
Total	0	0	0
%	#DIV/0!	#DIV/0!	

Of the 304 patients WITHOUT decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	134	44.08
No	170	55.92
Total	304	100.00

Medical Power Of Attorney:	n	%
Yes	181	59.54
No	123	40.46
Total	304	100.00

Health Care Surrogate:	n	%
Yes	111	36.51
No	193	63.49
Total	304	100.00

Legal Guardian:	n	%
Yes	5	1.64
No	299	98.36
Parent of Minor	0	0.00
Total	304	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	6	1.97
MPOA or HCS appointed	280	92.11
Legal Guardian appointed	5	1.64
Neither MPOA or HCS appointed	13	4.28
Total	304	100.00

Living will initiated by PCT:	n	%
Yes	0	0.00
No	134	100.00
Total	134	100.00

MPOA initiated by PCT:	n	%
Yes	4	2.21
No	177	97.79
Total	181	100.00

HCS initiated by PCT:	n	%
Yes	49	44.14
No	62	55.86
Total	111	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	0.00
No	5	100.00
Total	5	100.00

Advance Directives of any kind appointed:	n	%
Yes	296	97.37
No	8	2.63
Total	304	100.00

Of the 278 patients WITH decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	110	39.57
No	168	60.43
Total	278	100.00

Medical Power Of Attorney:	n	%
Yes	192	69.06
No	86	30.94
Total	278	100.00

Health Care Surrogate:	n	%
Yes	9	3.24
No	269	96.76
Total	278	100.00

Legal Guardian:	n	%
Yes	0	0.00
No	278	100.00
Parent of Minor	0	0.00
Total	278	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	201	72.30
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	77	27.70
Total	278	100.00

Of the 24 patients WITH an undetermined decision making capacity the following advanced directives were noted:

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	1	4.17
MPOA or HCS appointed	19	79.17
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	4	16.67
Total	24	100.00

Living will initiated by PCT:	n	%
Yes	8	7.27
No	102	92.73
Total	110	100.00

MPOA initiated by PCT:	n	%
Yes	43	22.40
No	149	77.60
Total	192	100.00

HCS initiated by PCT:	n	%
Yes	1	11.11
No	8	88.89
Total	9	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Advance Directives of any kind appointed:	n	%
Yes	203	73.02
No	75	26.98
Total	278	100.00

Advance Directives of any kind appointed:	n	%
Yes	20	83.33
No	4	16.67
Total	24	100.00

Of those 278 patients WITH decision making capacity at time of first visit, 60 had pain scale scores for both the initial pain assessment and the 48 hour assessment.

The difference in pain scores between the two assessments.			
	n	%	
Higher	4	6.67	
Lower	52	86.67	
No Change	4	6.67	
Total	60	100.00	

The difference in pain scores between the two assessments, with 0's for both initial and 48 hour removed.			
	n	%	
Higher	4	6.67	
Lower	52	86.67	
No Change	4	6.67	
Total	60	100.00	

Of those 4 patients with no change in pain score from initial assessment to 48 hours, the following pain scores were reported:

Time1 /Time 2	n	%		Time1 /Time 2	n	%	
0/0	0	0.00		6/6	1	25.00	
1/1	0	0.00		7/7	0	0.00	
2/2	2	50.00		8/8	0	0.00	
3/3	0	0.00		9/9	0	0.00	
4/4	0	0.00		10/10	0	0.00	
5/5	1	25.00		Total	4	100.00	

Of the 52 patients that experienced a decrease in pain score from initial assessment to 48 hours, the following changes were noted:

n	Time 1	Time 2	Difference in Pain Scores	n	Time 1	Time 2	Difference in Pain Scores
0	10	0	-10	0	4	0	-4
0	10	1	-9	1	10	7	-3
0	9	0	-9	0	9	6	-3
3	10	2	-8	1	8	5	-3
0	9	1	-8	4	7	4	-3
0	8	0	-8	0	6	3	-3
0	10	3	-7	3	5	2	-3
1	9	2	-7	1	4	1	-3
1	8	1	-7	0	3	0	-3
0	7	0	-7	1	10	8	-2
2	10	4	-6	0	9	7	-2
2	9	3	-6	1	8	6	-2
7	8	2	-6	1	7	5	-2
1	7	1	-6	0	6	4	-2
0	6	0	-6	0	5	3	-2
0	10	5	-5	1	4	2	-2
0	9	4	-5	0	3	1	-2
6	8	3	-5	0	2	0	-2
2	7	2	-5	0	9	8	-1
1	6	1	-5	1	8	7	-1
0	5	0	-5	0	7	6	-1
0	10	6	-4	3	6	5	-1
1	9	5	-4	1	5	4	-1
2	8	4	-4	0	4	3	-1
1	7	3	-4	1	3	2	-1
1	6	2	-4	0	2	1	-1
1	5	1	-4	0	1	0	-1

Treatments in use and changes while PCT involved in care:

How to interpret the data: (Information reported reflects only those variables that were marked, no assumptions can be made.)
 The patient(s) can be using or not using a treatment at the time palliative care gets involved. If the treatment is marked "in use" it can be stopped. If the treatment is marked "not in use" it can be avoided.

Example: Intravenous fluids: 302 patients (49.83%) were receiving intravenous fluids, 304 (50.17%) were not using the intravenous fluids.
 Of the 302 patients using IV fluids, 167 (55.3%) discontinued use. Of the 304 patients not receiving IV fluids, 0 (0%) treatments were avoided.

Intravenous fluids	n	%
In use	302	49.83
Not in use	304	50.17
In use and stopped	167	55.30
Not in use and avoided	0	0.00

Intravenous antibiotics	n	%
In use	230	37.95
Not in use	376	62.05
In use and stopped	122	53.04
Not in use and avoided	0	0.00

Intravenous Vasopressors	n	%
In use	48	7.92
Not in use	558	92.08
In use and stopped	33	68.75
Not in use and avoided	0	0.00

TPN/PPN	n	%
In use	24	3.96
Not in use	582	96.04
In use and stopped	10	41.67
Not in use and avoided	0	0.00

Gastric feedings	n	%
In use	127	20.96
Not in use	479	79.04
In use and stopped	65	51.18
Not in use and avoided	0	0.00

Dialysis	n	%
In use	49	8.09
Not in use	557	91.91
In use and stopped	26	53.06
Not in use and avoided	9	1.62

Diagnostic labs	n	%
In use	395	65.18
Not in use	211	34.82
In use and stopped	207	52.41
Not in use and avoided	0	0.00

Diagnostic x-rays	n	%
In use	389	64.19
Not in use	217	35.81
In use and stopped	204	52.44
Not in use and avoided	0	0.00

Mechanical ventilation	n	%
In use	116	19.14
Not in use	490	80.86
In use and stopped	69	59.48
Not in use and avoided	10	2.04

BIPAP or CPAP	n	%
In use	41	6.77
Not in use	565	93.23
In use and stopped	17	41.46
Not in use and avoided	1	0.18

Transfusions	n	%
In use	93	15.35
Not in use	513	84.65
In use and stopped	59	63.44
Not in use and avoided	0	0.00

Chemotherapy	n	%
In use	34	5.61
Not in use	572	94.39
In use and stopped	7	20.59
Not in use and avoided	6	1.05

Radiation Therapy	n	%
In use	0	#DIV/0!
Not in use	0	#DIV/0!
In use and stopped	#N/A	#N/A
Not in use and avoided	#N/A	#N/A

Surgery	n	%
In use	121	19.97
Not in use	485	80.03
In use and stopped	4	3.31
Not in use and avoided	31	6.39

ICU Admission to the floor	n	%
In use	17	100.00
Not in use	0	0.00
In use and stopped	#N/A	#N/A
Not in use and avoided	#N/A	#N/A

Discharge Summary:

Even after discharge the palliative care teams continue to track and follow-up with their patients.

A total of 124 (20.46%) patients died while being followed by the palliative care teams during 2011.

Disposition:	n	%
<i>Data reported for the following is strictly based on what happened to the patient on their exact discharge date.</i>		
Death	124	20.46
SNU (Hospital)	0	0.00
PCU	0	0.00
NH/SNF	64	10.56
Home	109	17.99
Hospice	102	16.83
Home Health	54	8.91
Hospital (Transfer)	5	0.83
Hospice inpatient	3	0.50
NH/SNF with Hospice	4	0.66
Personal care home	3	0.50
Acute Rehabilitation	8	1.32
Hospice House	118	19.47
LTAC	3	0.50
Team services no longer needed	2	0.33
Other	7	1.16
Total	606	100.00

Place of Death:	n	%
<i>Data reported for the following is based on the patient dying on the date of discharge.</i>		
Hospital (ICU)	56	45.16
Hospital (Acute)	68	54.84
Personal Care Home	0	0.00
Home	0	0.00
SNU (Hospital)	0	0.00
NH/SNF	0	0.00
Hospice Inpatient	0	0.00
Hospice House	0	0.00
PCU	0	0.00
Home Health	0	0.00
Hospice	0	0.00
NH/SNF with Hospice	0	0.00
Acute Rehabilitation	0	0.00
Other	0	0.00
Total	124	100.00

Of those 124 patients who died the following were designated:

Primary Diagnosis:	n	%
Cancer	31	25.00
Cardiac	14	11.29
AIDS	1	0.81
Renal	4	3.23
Pulmonary	28	22.58
Liver	1	0.81
Neurological	20	16.13
Noncardiac Vascular	1	0.81
Dementia	2	1.61
General Disability	2	1.61
Sepsis	10	8.06
Multit-organ failure	10	8.06
Total	124	100.00

Interventions by PCT: (More than one option can be checked. Percentages are out of the total number of patients (606).)

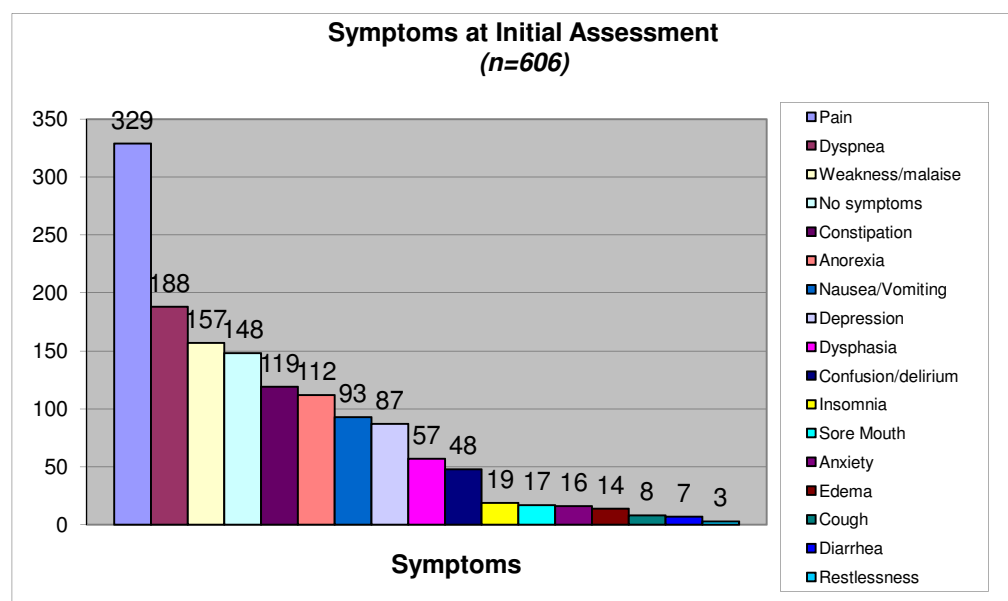
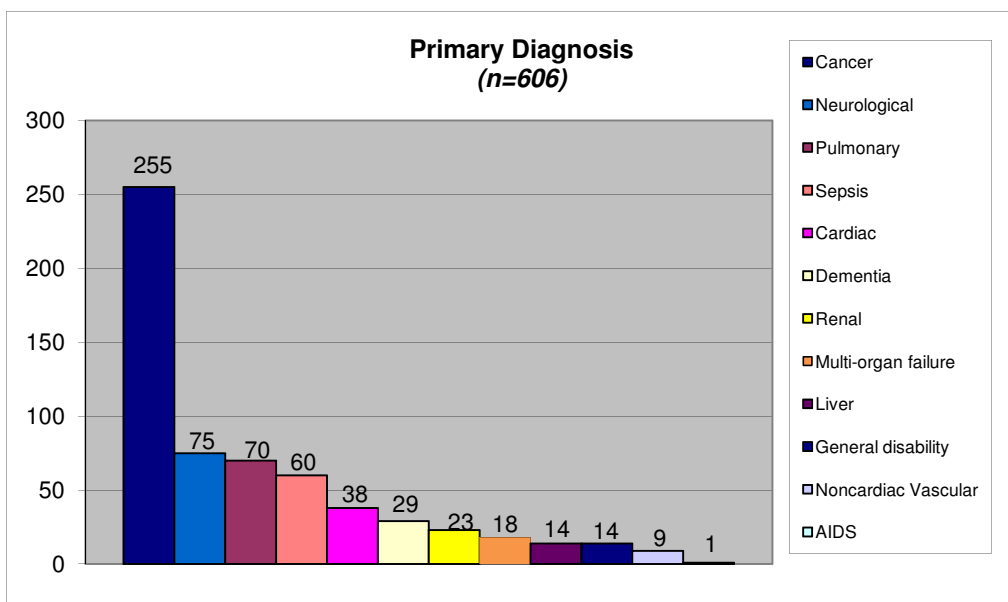
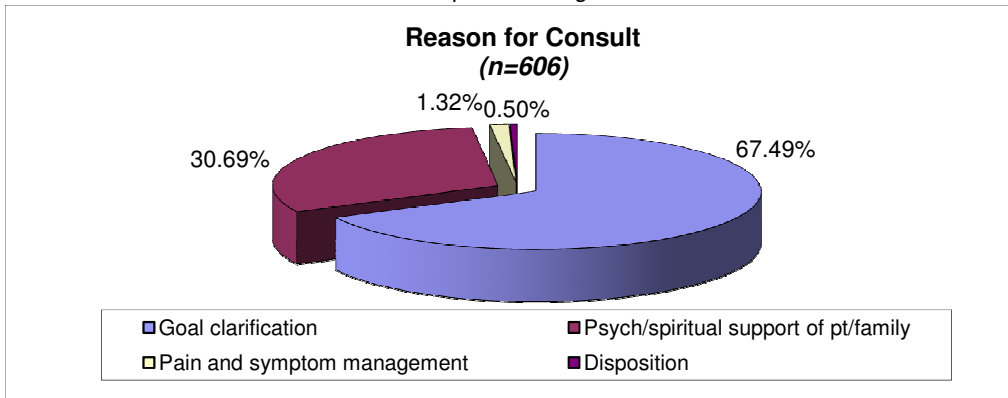
	n	%
Education about the process of their disease, prognosis and options for care.	500	82.51
Conduct a patient and family care conference with appropriate members of the interdisciplinary team.	493	81.35
Education about the benefits and burdens of specific treatments or potential interventions.	432	71.29
Provide information about spiritual care services or counseling services available.	191	31.52
Provide individual education and support to families and unlicensed caregivers to assure safe and appropriate care after discharge.	44	7.26
Provide pain and symptom management recommendations.	350	57.76
Education about the signs and symptoms of imminent death or dying process in a timely, culturally appropriate manner.	114	18.81
Hospice option for care was presented at this admission.	345	56.93
Total	2469	

Outcomes or decisions followed by family: (More than one option can be checked. Percentages are out of the total number of patients (606).)

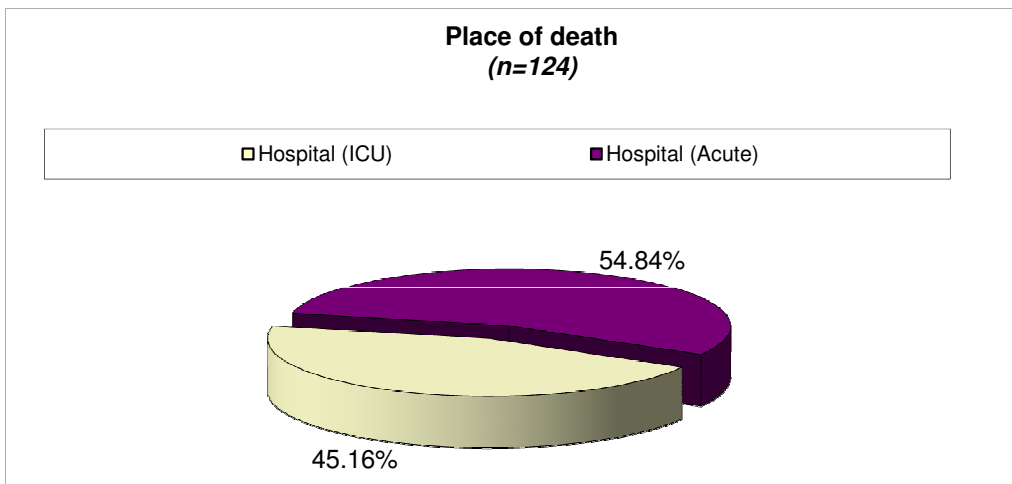
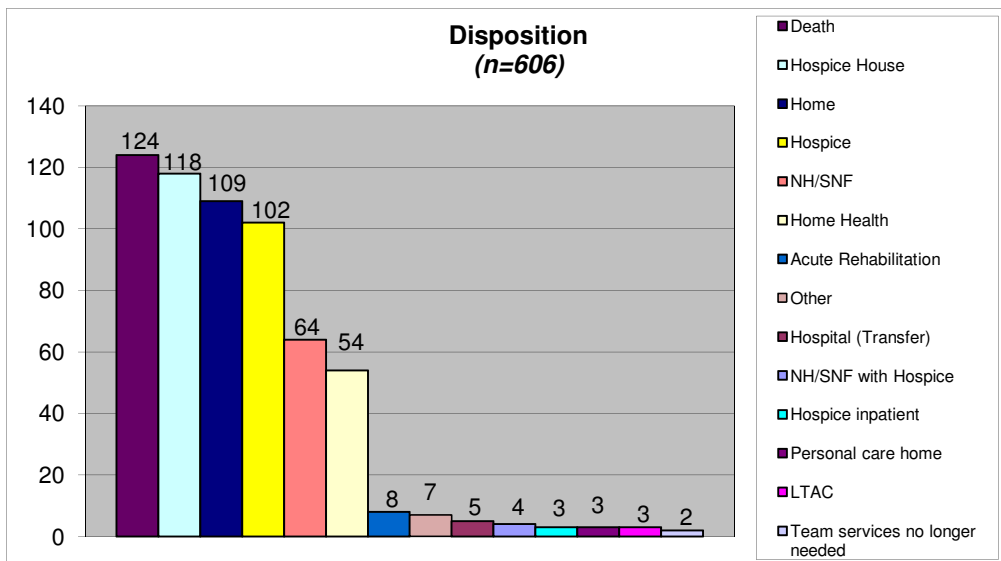
	n	%
Patient and family participated in family care conference	0	0.00
Pastoral Care referral	22	3.63
Involvement of own clergy for spiritual support	66	10.89
Total	88	

PCT Data Collection - Tool

Total number of Palliative Care consults completed during 2011: 606



PCT Data Collection Tool - Outcomes



PCT Data Collection - Tool

Total number of patients discharged during January through December 2011:

The data throughout this report that are noted as missing data were checked.

130

Gender:	n	%
Male	67	51.54
Female	63	48.46
Total	130	100.00

Marital Status:	n	%
Single	28	21.54
Married	63	48.46
Divorced	15	11.54
Separated	3	2.31
Widowed	21	16.15
Total	130	100.00

Pediatric:	n	%
Yes	6	4.62
No	124	95.38
Total	130	100.00

County of Residence:

In State:	n	%	n	%	
Barbour	0	0.00	Mineral	1	0.91
Berkeley	0	0.00	Mingo	0	0.00
Boone	0	0.00	Monongalia	16	14.55
Braxton	1	0.91	Monroe	2	1.82
Brooke	1	0.91	Morgan	0	0.00
Cabell	0	0.00	Nicholas	3	2.73
Calhoun	0	0.00	Ohio	2	1.82
Clay	0	0.00	Pendleton	0	0.00
Doddridge	0	0.00	Pleasants	0	0.00
Fayette	4	3.64	Pocahontas	0	0.00
Gilmer	2	1.82	Preston	10	9.09
Grant	2	1.82	Putnam	0	0.00
Greenbrier	0	0.00	Raleigh	4	3.64
Hampshire	1	0.91	Randolph	6	5.45
Hancock	0	0.00	Ritchie	0	0.00
Hardy	0	0.00	Roane	0	0.00
Harrison	16	14.55	Summers	0	0.00
Jackson	0	0.00	Taylor	4	3.64
Jefferson	1	0.91	Tucker	1	0.91
Kanawha	0	0.00	Tyler	0	0.00
Lewis	2	1.82	Upshur	3	2.73
Lincoln	0	0.00	Wayne	0	0.00
Logan	0	0.00	Webster	3	2.73
Marion	16	14.55	Wetzel	3	2.73
Marshall	2	1.82	Wirt	0	0.00
Mason	0	0.00	Wood	2	1.82
McDowell	1	0.91	Wyoming	1	0.91
Mercer	0	0.00	Total	110	84.62

Out of State:	n	%	n	%	
Boyd, KY	0	0.00	Lawrence, OH	0	0.00
Carter, KY	0	0.00	Racine, OH	0	0.00
Elliott, KY	0	0.00	Scioto, OH	0	0.00
Floyd, KY	0	0.00	Other OH	0	0.00
Greenup, KY	0	0.00	Other States	20	100.00
Johnson, KY	0	0.00			
Carter, KY	0	0.00			
Magoffin, KY	0	0.00			
Martin, KY	0	0.00			
Other KY	0	0.00			
			Total	20	15.38

Ethnicity:	n	%	n	%	
Black or African American	4	3.08	American Indian/Alaskan Native	0	0.00
White or Caucasian	126	96.92	Hispanic or Spanish	0	0.00
Asian or Pacific Islander	0	0.00	Other	0	0.00
			Total	130	100.00

Reason for Consult:	n	%
<i>Only one answer could be marked.</i>		
Goal clarification	102	78.46
Psych/spiritual support of pt/family	4	3.08
Pain and symptom management	24	18.46
Disposition	0	0.00
Total	130	100.00

Patient was admitted to:	n	%
Hospital	130	100.00
Nursing Home/SNF	0	0.00
ICU	0	0.00
SNU	0	0.00
ED	0	0.00
Other	0	0.00
Total	130	100.00

Primary Diagnosis:	n	%
Cancer	45	34.62
Cardiac	4	3.08
AIDS	0	0.00
Renal	1	0.77
Pulmonary	21	16.15
Liver	1	0.77
Neurological	34	26.15
Noncardiac Vascular	2	1.54
Dementia	2	1.54
General disability	7	5.38
Sepsis	4	3.08
Multi-organ failure	9	6.92
Total	130	100.00

PPS at first contact: (n=129)	n	%
Average	26.6	
Minimum	10	
Maximum	100	

Symptoms at initial assessment: Those who reported 'yes' they had these symptoms. Percentages are out of the total number of patients (130).					
	n	%		n	%
Pain	14	10.77	Nausea/Vomiting	3	2.31
Anorexia	1	0.77	Insomnia	0	0.00
Dysphasia	1	0.77	Weakness/malaise	6	4.62
Sore Mouth	0	0.00	Edema	0	0.00
Dyspnea	8	6.15	Restlessness	0	0.00
Cough	51	39.23	Confusion/delirium	2	1.54
Constipation	2	1.54	Anxiety	0	0.00
Diarrhea	0	0.00	Depression	0	0.00
			No symptoms	5	3.85
			Total	88	

Would you be surprised if the patient died in the next year?	n	%
Yes	17	13.39
No	111	87.40
Total	128	100.79

Do Not Resuscitate:	n	%
Yes	75	59.06
No	52	40.94
Total	127	100.00

DNR Card:	n	%
Yes	2	1.57
No	125	98.43
Total	127	100.00

Reason for Consult: Was pain and symptom management discussed?	No	Yes	Total
Goal clarification	50	52	102
%	49.02	50.98	
Psych/spiritual support of pt/family	2	2	4
%	50.00	50.00	
Pain and symptom management	3	21	24
%	12.50	87.50	
Disposition	3	21	24
%	12.50	87.50	
Total	58	96	154
%	37.66	62.34	

Consult Location:	n	%
Hospital floor bed	47	37.30
ED	0	0.00
ICU/Stepdown	79	62.70
Nursing Home/SNF	0	0.00
SNU	0	0.00
Total	126	100.00

Did patient have multiple chronic illnesses:	n	%
Yes	106	81.54
No	24	18.46
Total	130	100.00

Of the 106 that had multiple illnesses, note the following:	n	%
<=2	14	13.21
>2	92	86.79
Total	106	100.00

PPS Range	n	%
< = 50	118	91.47
> = 51	11	8.53
Total	129	100.00

DNR initiated by PCT:	n	%
Yes	53	70.67
No	22	29.33
Total	75	100.00

DNR Card initiated by PCT:	n	%
Yes	1	50.00
No	1	50.00
Total	2	100.00

Advanced Directives

Living Will:	n	%
Yes	37	28.91
No	91	71.09
Total	128	100.00

Medical Power Of Attorney:	n	%
Yes	64	49.61
No	65	50.39
Total	129	100.00

Health Care Surrogate:	n	%
Yes	30	23.62
No	97	76.38
Total	127	100.00

Legal Guardian:	n	%
Yes	1	0.80
No	118	94.40
Parent of Minor	6	4.80
Total	125	100.00

POST Form completed:	n	%
Yes	20	15.75
No	107	84.25
Total	127	100.00

Did patient have decision making capacity at time of first visit?	n	%
Yes	50	38.46
No	76	58.46
Unable to determine	4	3.08
Total	130	100.00

Pain Scale used	n	%
Numerical Rating Scale	51	42.50
PAINAD Scale	69	57.50
Total	120	100.00

Living will initiated by PCT:	n	%
Yes	2	5.41
No	35	94.59
Total	37	100.00

MPOA initiated by PCT:	n	%
Yes	2	3.17
No	61	96.83
Total	63	100.00

HCS initiated by PCT:	n	%
Yes	7	23.33
No	23	76.67
Total	30	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	0.00
No	1	100.00
Total	1	100.00

POST Form initiated by PCT:	n	%
Yes	14	70.00
No	6	30.00
Total	20	100.00

Pain Scale used	Numeric	PAINAD	Total
With decision making capacity	44	3	47
%	93.62	6.38	
Without decision making capacity	3	66	69
%	4.35	95.65	
Total	47	69	116
%	40.52	59.48	

Of the 76 patients WITHOUT decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	18	23.68
No	58	76.32
Total	76	100.00

Medical Power Of Attorney:	n	%
Yes	35	46.67
No	40	53.33
Total	75	100.00

Health Care Surrogate:	n	%
Yes	26	34.67
No	49	65.33
Total	75	100.00

Legal Guardian:	n	%
Yes	1	1.39
No	65	90.28
Parent of Minor	6	8.33
Total	72	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	3	4.05
MPOA or HCS appointed	52	70.27
Legal Guardian appointed	1	1.35
Neither MPOA or HCS appointed	18	24.32
Total	74	100.00

Living will initiated by PCT:	n	%
Yes	0	0.00
No	18	100.00
Total	18	100.00

MPOA initiated by PCT:	n	%
Yes	0	0.00
No	34	100.00
Total	34	100.00

HCS initiated by PCT:	n	%
Yes	6	23.08
No	20	76.92
Total	26	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	0.00
No	1	100.00
Total	1	100.00

Advance Directives of any kind appointed:	n	%
Yes	60	78.95
No	16	21.05
Total	76	100.00

Of the 50 patients WITH decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	18	37.50
No	30	62.50
Total	48	100.00

Medical Power Of Attorney:	n	%
Yes	28	56.00
No	22	44.00
Total	50	100.00

Health Care Surrogate:	n	%
Yes	3	6.25
No	45	93.75
Total	48	100.00

Legal Guardian:	n	%
Yes	0	0.00
No	49	100.00
Parent of Minor	0	0.00
Total	49	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	29	60.42
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	19	39.58
Total	48	100.00

Of the 4 patients WITH an undetermined decision making capacity the following advanced directives were noted:

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	2	50.00
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	2	50.00
Total	4	100.00

Living will initiated by PCT:	n	%
Yes	2	11.11
No	16	88.89
Total	18	100.00

MPOA initiated by PCT:	n	%
Yes	2	7.14
No	26	92.86
Total	28	100.00

HCS initiated by PCT:	n	%
Yes	1	33.33
No	2	66.67
Total	3	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Advance Directives of any kind appointed:	n	%
Yes	32	64.00
No	18	36.00
Total	50	100.00

Advance Directives of any kind appointed:	n	%
Yes	2	50.00
No	2	50.00
Total	4	100.00

Of those 50 patients WITH decision making capacity at time of first visit, 22 had pain scale scores for both the initial pain assessment and the 48 hour assessment.

The difference in pain scores between the two assessments.			
	n	%	
Higher	3	13.64	
Lower	11	50.00	
No Change	8	36.36	
Total	22	100.00	

The difference in pain scores between the two assessments, with 0's for both initial and 48 hour removed.			
	n	%	
Higher	3	18.75	
Lower	11	68.75	
No Change	2	12.50	
Total	16	100.00	

Of those 8 patients with no change in pain score from initial assessment to 48 hours, the following pain scores were reported:

Time1 /Time 2	n	%		Time1 /Time 2	n	%	
0/0	6	75.00		6/6	0	0.00	
1/1	0	0.00		7/7	0	0.00	
2/2	0	0.00		8/8	1	12.50	
3/3	1	12.50		9/9	0	0.00	
4/4	0	0.00		10/10	0	0.00	
5/5	0	0.00		Total	8	100.00	

Of the 11 patients that experienced a decrease in pain score from initial assessment to 48 hours, the following changes were noted:

n	Time 1	Time 2	Difference in Pain Scores	n	Time 1	Time 2	Difference in Pain Scores
1	10	0	-10	0	4	0	-4
0	10	1	-9	1	10	7	-3
0	9	0	-9	0	9	6	-3
0	10	2	-8	0	8	5	-3
0	9	1	-8	0	7	4	-3
0	8	0	-8	0	6	3	-3
0	10	3	-7	0	5	2	-3
0	9	2	-7	0	4	1	-3
0	8	1	-7	0	3	0	-3
0	7	0	-7	0	10	8	-2
2	10	4	-6	1	9	7	-2
0	9	3	-6	1	8	6	-2
1	8	2	-6	0	7	5	-2
0	7	1	-6	0	6	4	-2
0	6	0	-6	0	5	3	-2
0	10	5	-5	0	4	2	-2
0	9	4	-5	0	3	1	-2
2	8	3	-5	0	2	0	-2
0	7	2	-5	0	9	8	-1
0	6	1	-5	0	8	7	-1
1	5	0	-5	0	7	6	-1
1	10	6	-4	0	6	5	-1
0	9	5	-4	0	5	4	-1
0	8	4	-4	0	4	3	-1
0	7	3	-4	0	3	2	-1
0	6	2	-4	0	2	1	-1
0	5	1	-4	0	1	0	-1

Treatments in use and changes while PCT involved in care:

How to interpret the data: (Information reported reflects only those variables that were marked, no assumptions can be made.)
 The patient(s) can be using or not using a treatment at the time palliative care gets involved. If the treatment is marked "in use" it can be stopped. If the treatment is marked "not in use" it can be avoided.

Example: Intravenous fluids: 40 patients (97.56%) were receiving intravenous fluids, 1 (2.44%) were not using the intravenous fluids.
 Of the 40 patients using IV fluids, 35 (87.5%) discontinued use. Of the 1 patients not receiving IV fluids, 0 (0%) treatments were avoided.

Intravenous fluids	n	%
In use	40	97.56
Not in use	1	2.44
In use and stopped	35	87.50
Not in use and avoided	0	0.00

Intravenous antibiotics	n	%
In use	36	92.31
Not in use	3	7.69
In use and stopped	34	94.44
Not in use and avoided	0	0.00

Intravenous Vasopressors	n	%
In use	14	41.18
Not in use	20	58.82
In use and stopped	14	100.00
Not in use and avoided	13	65.00

TPN/PPN	n	%
In use	1	7.14
Not in use	13	92.86
In use and stopped	1	100.00
Not in use and avoided	6	46.15

Gastric feedings	n	%
In use	8	36.36
Not in use	14	63.64
In use and stopped	8	100.00
Not in use and avoided	6	42.86

Dialysis	n	%
In use	2	13.33
Not in use	13	86.67
In use and stopped	2	100.00
Not in use and avoided	5	38.46

Diagnostic labs	n	%
In use	47	95.92
Not in use	2	4.08
In use and stopped	42	89.36
Not in use and avoided	0	0.00

Diagnostic x-rays	n	%
In use	47	95.92
Not in use	2	4.08
In use and stopped	42	89.36
Not in use and avoided	0	0.00

Mechanical ventilation	n	%
In use	23	56.10
Not in use	18	43.90
In use and stopped	21	91.30
Not in use and avoided	12	66.67

BIPAP or CPAP	n	%
In use	8	29.63
Not in use	19	70.37
In use and stopped	8	100.00
Not in use and avoided	11	57.89

Transfusions	n	%
In use	3	21.43
Not in use	11	78.57
In use and stopped	2	66.67
Not in use and avoided	3	27.27

Chemotherapy	n	%
In use	4	30.77
Not in use	9	69.23
In use and stopped	3	75.00
Not in use and avoided	1	11.11

Radiation Therapy	n	%
In use	0	0.00
Not in use	2	100.00
In use and stopped	#N/A	#N/A
Not in use and avoided	2	100.00

Surgery	n	%
In use	8	44.44
Not in use	10	55.56
In use and stopped	4	50.00
Not in use and avoided	2	20.00

ICU Admission to the floor	n	%
In use	6	75.00
Not in use	2	25.00
In use and stopped	4	66.67
Not in use and avoided	2	100.00

Discharge Summary:

Even after discharge the palliative care teams continue to track and follow-up with their patients.

A total of 48 (37.21%) patients died while being followed by the palliative care teams during 2011.

Disposition:	n	%
<i>Data reported for the following is strictly based on what happened to the patient on their exact discharge date.</i>		
Death	48	37.21
SNU (Hospital)	1	0.78
PCU	0	0.00
NH/SNF	10	7.75
Home	23	17.83
Hospice	8	6.20
Home Health	11	8.53
Hospital (Transfer)	1	0.78
Hospice inpatient	2	1.55
NH/SNF with Hospice	2	1.55
Personal care home	0	0.00
Acute Rehabilitation	2	1.55
Hospice House	2	1.55
LTAC	0	0.00
Team services no longer needed	16	12.40
Other	3	2.33
Total	129	100.00

Place of Death:	n	%
<i>Data reported for the following is based on the patient dying on the date of discharge.</i>		
Hospital (ICU)	21	44.68
Hospital (Acute)	18	38.30
Personal Care Home	0	0.00
Home	0	0.00
SNU (Hospital)	4	8.51
NH/SNF	0	0.00
Hospice Inpatient	0	0.00
Hospice House	0	0.00
PCU	0	0.00
Home Health	0	0.00
Hospice	0	0.00
NH/SNF with Hospice	0	0.00
Acute Rehabilitation	0	0.00
Other	4	8.51
Total	47	100.00

Of those 48 patients who died the following were designated:

Primary Diagnosis:	n	%
Cancer	9	18.75
Cardiac	1	2.08
AIDS	0	0.00
Renal	0	0.00
Pulmonary	15	31.25
Liver	0	0.00
Neurological	13	27.08
Noncardiac Vascular	0	0.00
Dementia	0	0.00
General Disability	2	4.17
Sepsis	3	6.25
Mult-organ failure	5	10.42
Total	48	100.00

Interventions by PCT: (More than one option can be checked. Percentages are out of the total number of patients (130).)

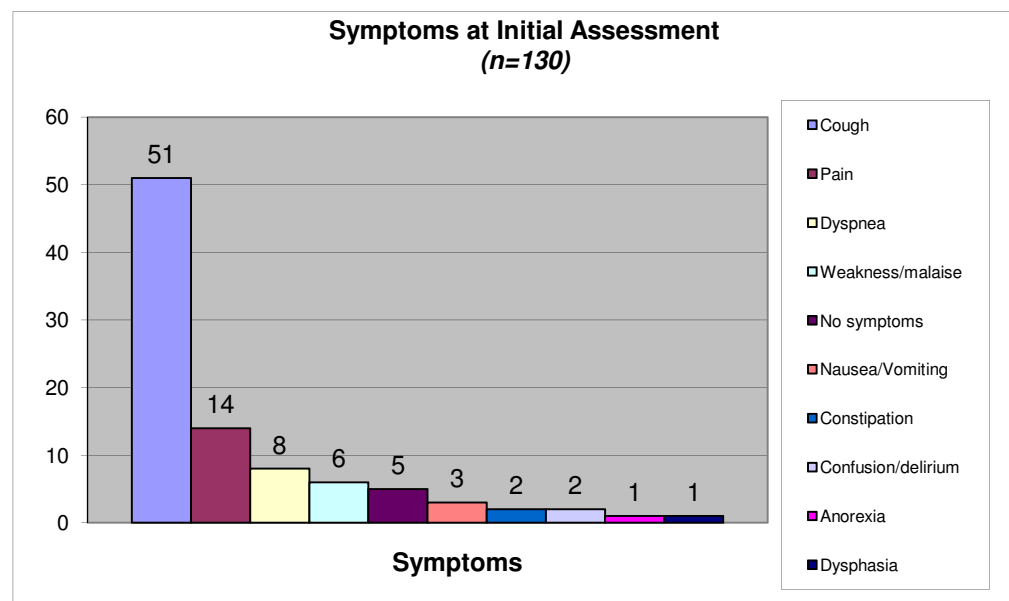
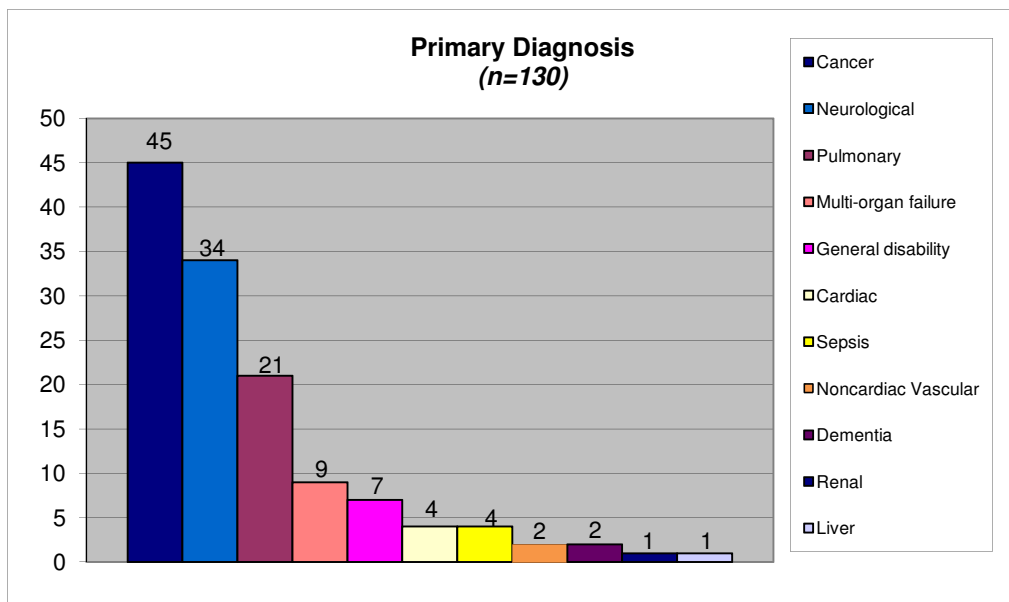
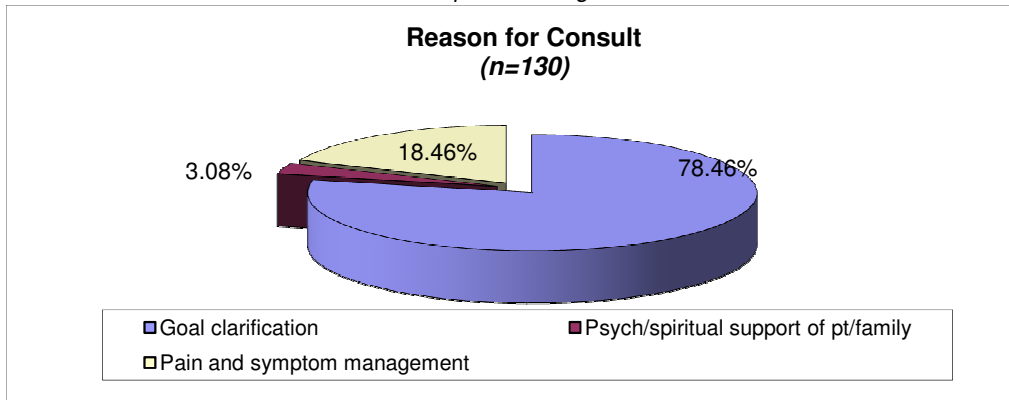
	n	%
Education about the process of their disease, prognosis and options for care.	105	80.77
Conduct a patient and family care conference with appropriate members of the interdisciplinary team.	104	80.00
Education about the benefits and burdens of specific treatments or potential interventions.	107	82.31
Provide information about spiritual care services or counseling services available.	83	63.85
Provide individual education and support to families and unlicensed caregivers to assure safe and appropriate care after discharge.	15	11.54
Provide pain and symptom management recommendations.	75	57.69
Education about the signs and symptoms of imminent death or dying process in a timely, culturally appropriate manner.	26	20.00
Hospice option for care was presented at this admission.	29	22.31
Total	544	

Outcomes or decisions followed by family: (More than one option can be checked. Percentages are out of the total number of patients (130).)

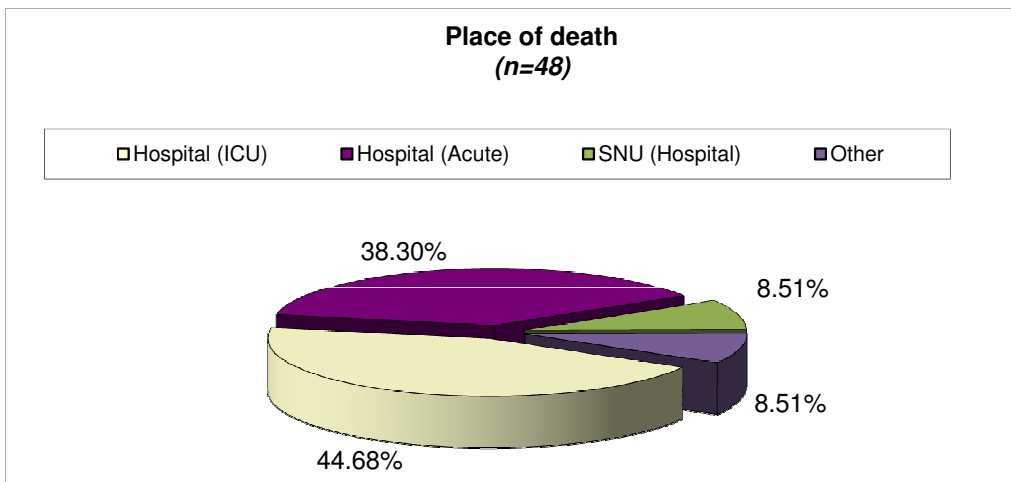
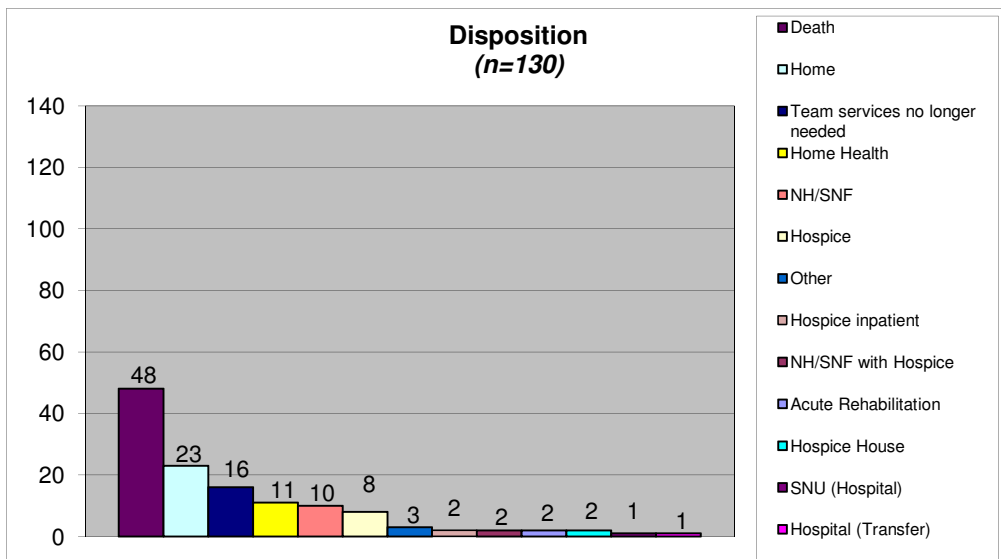
	n	%
Patient and family participated in family care conference	64	49.23
Pastoral Care referral	8	6.15
Involvement of own clergy for spiritual support	0	0.00
Total	72	

PCT Data Collection - Tool

Total number of Palliative Care consults completed during 2011: 130



PCT Data Collection Tool - Outcomes



PCT Data Collection - Tool

Total number of patients discharged during January through December 2011:
 The data throughout this report that are noted as missing data were checked.

298

Gender:	n	%
Male	153	51.34
Female	145	48.66
Total	298	100.00

Marital Status:	n	%
Single	30	10.07
Married	146	48.99
Divorced	30	10.07
Separated	3	1.01
Widowed	89	29.87
Total	298	100.00

Pediatric:	n	%
Yes	0	0.00
No	298	100.00
Total	298	100.00

County of Residence:

In State:	n	%	n	%	
Barbour	0	0.00	Mineral	0	0.00
Berkeley	0	0.00	Mingo	9	3.80
Boone	0	0.00	Monongalia	0	0.00
Braxton	0	0.00	Monroe	0	0.00
Brooke	0	0.00	Morgan	0	0.00
Cabell	132	55.70	Nicholas	0	0.00
Calhoun	0	0.00	Ohio	0	0.00
Clay	0	0.00	Pendleton	0	0.00
Doddridge	0	0.00	Pleasants	0	0.00
Fayette	1	0.42	Pocahontas	0	0.00
Gilmer	0	0.00	Preston	0	0.00
Grant	0	0.00	Putnam	13	5.49
Greenbrier	1	0.42	Raleigh	2	0.84
Hampshire	0	0.00	Randolph	0	0.00
Hancock	0	0.00	Ritchie	0	0.00
Hardy	0	0.00	Roane	0	0.00
Harrison	0	0.00	Summers	0	0.00
Jackson	2	0.84	Taylor	0	0.00
Jefferson	0	0.00	Tucker	0	0.00
Kanawha	2	0.84	Tyler	0	0.00
Lewis	0	0.00	Upshur	0	0.00
Lincoln	20	8.44	Wayne	30	12.66
Logan	7	2.95	Webster	0	0.00
Marion	0	0.00	Wetzel	0	0.00
Marshall	0	0.00	Wirt	0	0.00
Mason	15	6.33	Wood	0	0.00
McDowell	3	1.27	Wyoming	0	0.00
Mercer	0	0.00	Total	237	79.53

Out of State:	n	%	n	%	
Boyd, KY	3	4.92	Lawrence, OH	30	49.18
Carter, KY	0	0.00	Racine, OH	0	0.00
Elliott, KY	0	0.00	Scioto, OH	2	3.28
Floyd, KY	0	0.00	Other OH	11	18.03
Greenup, KY	1	1.64	Other States	5	8.20
Johnson, KY	0	0.00			
Carter, KY	3	4.92			
Magoffin, KY	1	1.64			
Martin, KY	2	3.28			
Other KY	3	4.92			
			Total	61	20.47

Ethnicity:	n	%	n	%	
Black or African American	3	1.01	American Indian/Alaskan Native	0	0.00
White or Caucasian	294	98.66	Hispanic or Spanish	1	0.34
Asian or Pacific Islander	0	0.00	Other	0	0.00
			Total	298	100.00

Reason for Consult:	n	%
<i>Only one answer could be marked.</i>		
Goal clarification	178	59.73
Psych/spiritual support of pt/family	102	34.23
Pain and symptom management	7	2.35
Disposition	11	3.69
Total	298	100.00

Patient was admitted to:	n	%
Hospital	298	100.00
Nursing Home/SNF	0	0.00
ICU	0	0.00
SNU	0	0.00
ED	0	0.00
Other	0	0.00
Total	298	100.00

Primary Diagnosis:	n	%
Cancer	68	22.82
Cardiac	39	13.09
AIDS	1	0.34
Renal	8	2.68
Pulmonary	28	9.40
Liver	4	1.34
Neurological	67	22.48
Noncardiac Vascular	10	3.36
Dementia	20	6.71
General disability	8	2.68
Sepsis	23	7.72
Multi-organ failure	22	7.38
Total	298	100.00

PPS at first contact: (n=282)	n	%
Average	19.5	
Minimum	10	
Maximum	90	

Symptoms at initial assessment: Those who reported 'yes' they had these symptoms. Percentages are out of the total number of patients (298).					
	n	%		n	%
Pain	38	12.75	Nausea/Vomiting	19	6.38
Anorexia	56	18.79	Insomnia	0	0.00
Dysphasia	59	19.80	Weakness/malaise	157	52.68
Sore Mouth	0	0.00	Edema	0	0.00
Dyspnea	32	10.74	Restlessness	0	0.00
Cough	80	26.85	Confusion/delirium	22	7.38
Constipation	10	3.36	Anxiety	0	0.00
Diarrhea	0	0.00	Depression	4	1.34
			No symptoms	9	3.02
			Total	477	

Would you be surprised if the patient died in the next year?	n	%
Yes	3	1.01
No	295	98.99
Total	298	100.00

Do Not Resuscitate:	n	%
Yes	270	90.60
No	28	9.40
Total	298	100.00

DNR Card:	n	%
Yes	4	1.35
No	292	98.65
Total	296	100.00

Reason for Consult: Was pain and symptom management discussed?	No	Yes	Total
Goal clarification	153	25	178
%	85.96	14.04	
Psych/spiritual support of pt/family	93	9	102
%	91.18	8.82	
Pain and symptom management	2	5	7
%	28.57	71.43	
Disposition	11	0	11
%	100.00	0.00	
Total	259	39	298
%	86.91	13.09	

Consult Location:	n	%
Hospital floor bed	136	45.64
ED	0	0.00
ICU/Stepdown	162	54.36
Nursing Home/SNF	0	0.00
SNU	0	0.00
Total	298	100.00

Did patient have multiple chronic illnesses:	n	%
Yes	292	97.99
No	6	2.01
Total	298	100.00

Of the 292 that had multiple illnesses, note the following:	n	%
<=2	20	6.85
>2	272	93.15
Total	292	100.00

PPS Range	n	%
< = 50	276	97.87
> = 51	6	2.13
Total	282	100.00

DNR initiated by PCT:	n	%
Yes	37	13.70
No	233	86.30
Total	270	100.00

DNR Card initiated by PCT:	n	%
Yes	1	25.00
No	3	75.00
Total	4	100.00

Advanced Directives

Living Will:	n	%
Yes	105	35.23
No	193	64.77
Total	298	100.00

Medical Power Of Attorney:	n	%
Yes	148	49.66
No	150	50.34
Total	298	100.00

Health Care Surrogate:	n	%
Yes	131	44.11
No	166	55.89
Total	297	100.00

Legal Guardian:	n	%
Yes	1	0.34
No	297	99.66
Parent of Minor	0	0.00
Total	298	100.00

POST Form completed:	n	%
Yes	16	5.41
No	280	94.59
Total	296	100.00

Did patient have decision making capacity at time of first visit?	n	%
Yes	19	6.38
No	248	83.22
Unable to determine	31	10.40
Total	298	100.00

Pain Scale used	n	%
Numerical Rating Scale	10	62.50
PAINAD Scale	6	37.50
Total	16	100.00

Living will initiated by PCT:	n	%
Yes	1	0.95
No	104	99.05
Total	105	100.00

MPOA initiated by PCT:	n	%
Yes	1	0.68
No	147	99.32
Total	148	100.00

HCS initiated by PCT:	n	%
Yes	7	5.34
No	124	94.66
Total	131	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	0.00
No	1	100.00
Total	1	100.00

POST Form initiated by PCT:	n	%
Yes	1	6.25
No	15	93.75
Total	16	100.00

Pain Scale used	Numeric	PAINAD	Total
With decision making capacity	7	0	7
%	100.00	0.00	
Without decision making capacity	2	6	8
%	25.00	75.00	
Total	9	6	15
%	60.00	40.00	

Of the 248 patients WITHOUT decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	89	35.89
No	159	64.11
Total	248	100.00

Medical Power Of Attorney:	n	%
Yes	128	51.61
No	120	48.39
Total	248	100.00

Health Care Surrogate:	n	%
Yes	117	47.37
No	130	52.63
Total	247	100.00

Legal Guardian:	n	%
Yes	1	0.40
No	247	99.60
Parent of Minor	0	0.00
Total	248	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	244	98.79
Legal Guardian appointed	1	0.40
Neither MPOA or HCS appointed	2	0.81
Total	247	100.00

Living will initiated by PCT:	n	%
Yes	0	0.00
No	89	100.00
Total	89	100.00

MPOA initiated by PCT:	n	%
Yes	0	0.00
No	128	100.00
Total	128	100.00

HCS initiated by PCT:	n	%
Yes	6	5.13
No	111	94.87
Total	117	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	0.00
No	1	100.00
Total	1	100.00

Advance Directives of any kind appointed:	n	%
Yes	246	99.19
No	2	0.81
Total	248	100.00

Of the 19 patients WITH decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	6	31.58
No	13	68.42
Total	19	100.00

Medical Power Of Attorney:	n	%
Yes	7	36.84
No	12	63.16
Total	19	100.00

Health Care Surrogate:	n	%
Yes	2	10.53
No	17	89.47
Total	19	100.00

Legal Guardian:	n	%
Yes	0	0.00
No	19	100.00
Parent of Minor	0	0.00
Total	19	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	9	47.37
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	10	52.63
Total	19	100.00

Of the 31 patients WITH an undetermined decision making capacity the following advanced directives were noted:

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	25	80.65
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	6	19.35
Total	31	100.00

Living will initiated by PCT:	n	%
Yes	0	0.00
No	6	100.00
Total	6	100.00

MPOA initiated by PCT:	n	%
Yes	0	0.00
No	7	100.00
Total	7	100.00

HCS initiated by PCT:	n	%
Yes	1	50.00
No	1	50.00
Total	2	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Advance Directives of any kind appointed:	n	%
Yes	9	47.37
No	10	52.63
Total	19	100.00

Advance Directives of any kind appointed:	n	%
Yes	25	80.65
No	6	19.35
Total	31	100.00

Of those 19 patients WITH decision making capacity at time of first visit, 1 had pain scale scores for both the initial pain assessment and the 48 hour assessment.

The difference in pain scores between the two assessments.			
	n	%	
Higher	0	0.00	
Lower	1	100.00	
No Change	0	0.00	
Total	1	100.00	

The difference in pain scores between the two assessments, with 0's for both initial and 48 hour removed.			
	n	%	
Higher	0	0.00	
Lower	1	100.00	
No Change	0	0.00	
Total	1	100.00	

Of those 0 patients with no change in pain score from initial assessment to 48 hours, the following pain scores were reported:

Time1 /Time 2	n	%		Time1 /Time 2	n	%	
0/0	0	#DIV/0!		6/6	0	#DIV/0!	
1/1	0	#DIV/0!		7/7	0	#DIV/0!	
2/2	0	#DIV/0!		8/8	0	#DIV/0!	
3/3	0	#DIV/0!		9/9	0	#DIV/0!	
4/4	0	#DIV/0!		10/10	0	#DIV/0!	
5/5	0	#DIV/0!		Total	0	#DIV/0!	

Of the 1 patients that experienced a decrease in pain score from initial assessment to 48 hours, the following changes were noted:

	n	Time 1	Time 2	Difference in Pain Scores		n	Time 1	Time 2	Difference in Pain Scores
	0	10	0	-10		0	4	0	-4
	0	10	1	-9		0	10	7	-3
	0	9	0	-9		0	9	6	-3
	0	10	2	-8		0	8	5	-3
	0	9	1	-8		0	7	4	-3
	0	8	0	-8		0	6	3	-3
	0	10	3	-7		0	5	2	-3
	0	9	2	-7		0	4	1	-3
	0	8	1	-7		0	3	0	-3
	0	7	0	-7		1	10	8	-2
	0	10	4	-6		0	9	7	-2
	0	9	3	-6		0	8	6	-2
	0	8	2	-6		0	7	5	-2
	0	7	1	-6		0	6	4	-2
	0	6	0	-6		0	5	3	-2
	0	10	5	-5		0	4	2	-2
	0	9	4	-5		0	3	1	-2
	0	8	3	-5		0	2	0	-2
	0	7	2	-5		0	9	8	-1
	0	6	1	-5		0	8	7	-1
	0	5	0	-5		0	7	6	-1
	0	10	6	-4		0	6	5	-1
	0	9	5	-4		0	5	4	-1
	0	8	4	-4		0	4	3	-1
	0	7	3	-4		0	3	2	-1
	0	6	2	-4		0	2	1	-1
	0	5	1	-4		0	1	0	-1

Treatments in use and changes while PCT involved in care:

How to interpret the data: (Information reported reflects only those variables that were marked, no assumptions can be made.)
 The patient(s) can be using or not using a treatment at the time palliative care gets involved. If the treatment is marked "in use" it can be stopped. If the treatment is marked "not in use" it can be avoided.

Example: Intravenous fluids: 259 patients (86.91%) were receiving intravenous fluids, 39 (13.09%) were not using the intravenous fluids.
 Of the 259 patients using IV fluids, 146 (56.37%) discontinued use. Of the 39 patients not receiving IV fluids, 1 (2.56%) treatments were avoided.

Intravenous fluids	n	%
In use	259	86.91
Not in use	39	13.09
In use and stopped	146	56.37
Not in use and avoided	1	2.56

Intravenous antibiotics	n	%
In use	217	72.82
Not in use	81	27.18
In use and stopped	126	58.06
Not in use and avoided	0	0.00

Intravenous Vasopressors	n	%
In use	60	20.13
Not in use	238	79.87
In use and stopped	39	65.00
Not in use and avoided	3	1.26

TPN/PPN	n	%
In use	14	4.70
Not in use	284	95.30
In use and stopped	10	71.43
Not in use and avoided	3	1.06

Gastric feedings	n	%
In use	100	33.56
Not in use	198	66.44
In use and stopped	43	43.00
Not in use and avoided	15	7.58

Dialysis	n	%
In use	33	11.07
Not in use	265	88.93
In use and stopped	12	36.36
Not in use and avoided	7	2.64

Diagnostic labs	n	%
In use	295	98.99
Not in use	3	1.01
In use and stopped	129	43.73
Not in use and avoided	0	0.00

Diagnostic x-rays	n	%
In use	288	96.64
Not in use	10	3.36
In use and stopped	128	44.44
Not in use and avoided	0	0.00

Mechanical ventilation	n	%
In use	85	28.52
Not in use	213	71.48
In use and stopped	50	58.82
Not in use and avoided	21	9.86

BIPAP or CPAP	n	%
In use	63	21.14
Not in use	235	78.86
In use and stopped	42	66.67
Not in use and avoided	1	0.43

Transfusions	n	%
In use	78	26.17
Not in use	220	73.83
In use and stopped	21	26.92
Not in use and avoided	2	0.91

Chemotherapy	n	%
In use	8	2.68
Not in use	290	97.32
In use and stopped	2	25.00
Not in use and avoided	5	1.72

Radiation Therapy	n	%
In use	4	100.00
Not in use	0	0.00
In use and stopped	2	50.00
Not in use and avoided	#N/A	#N/A

Surgery	n	%
In use	127	42.62
Not in use	171	57.38
In use and stopped	0	0.00
Not in use and avoided	19	11.11

ICU Admission to the floor	n	%
In use	54	100.00
Not in use	0	0.00
In use and stopped	#N/A	#N/A
Not in use and avoided	#N/A	#N/A

Discharge Summary:

Even after discharge the palliative care teams continue to track and follow-up with their patients.

A total of 109 (36.58%) patients died while being followed by the palliative care teams during 2011.

Disposition:	n	%
<i>Data reported for the following is strictly based on what happened to the patient on their exact discharge date.</i>		
Death	109	36.58
SNU (Hospital)	1	0.34
PCU	0	0.00
NH/SNF	9	3.02
Home	5	1.68
Hospice	29	9.73
Home Health	8	2.68
Hospital (Transfer)	1	0.34
Hospice inpatient	0	0.00
NH/SNF with Hospice	8	2.68
Personal care home	0	0.00
Acute Rehabilitation	1	0.34
Hospice House	78	26.17
LTAC	5	1.68
Team services no longer needed	44	14.77
Other	0	0.00
Total	298	100.00

Place of Death:	n	%
<i>Data reported for the following is based on the patient dying on the date of discharge.</i>		
Hospital (ICU)	57	52.29
Hospital (Acute)	52	47.71
Personal Care Home	0	0.00
Home	0	0.00
SNU (Hospital)	0	0.00
NH/SNF	0	0.00
Hospice Inpatient	0	0.00
Hospice House	0	0.00
PCU	0	0.00
Home Health	0	0.00
Hospice	0	0.00
NH/SNF with Hospice	0	0.00
Acute Rehabilitation	0	0.00
Other	0	0.00
Total	109	100.00

Of those 109 patients who died the following were designated:

Primary Diagnosis:	n	%
Cancer	20	18.35
Cardiac	17	15.60
AIDS	1	0.92
Renal	2	1.83
Pulmonary	12	11.01
Liver	1	0.92
Neurological	23	21.10
Noncardiac Vascular	3	2.75
Dementia	3	2.75
General Disability	2	1.83
Sepsis	8	7.34
Mult-organ failure	17	15.60
Total	109	100.00

Interventions by PCT: (More than one option can be checked. Percentages are out of the total number of patients (298).)

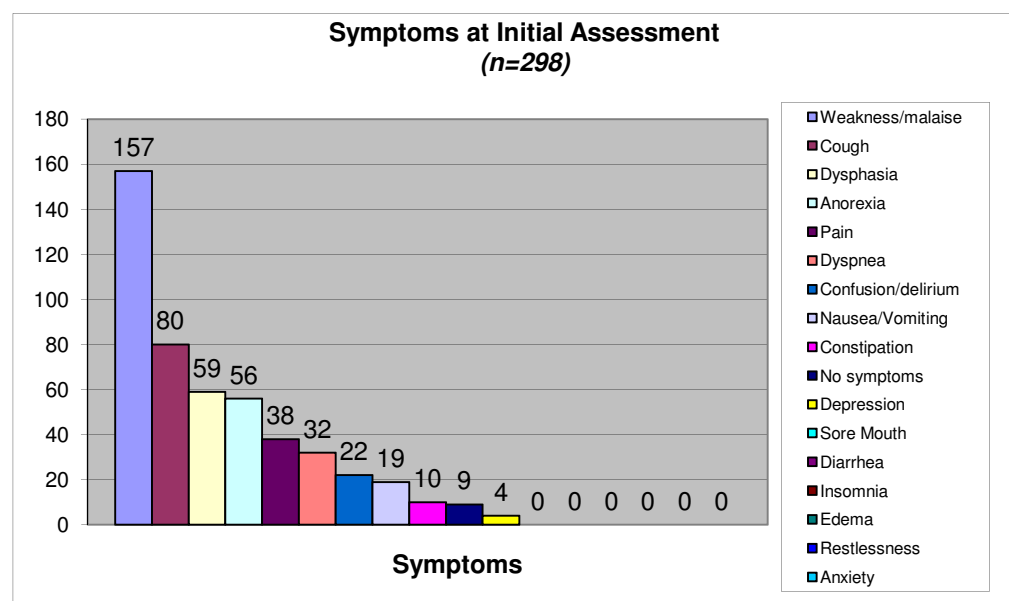
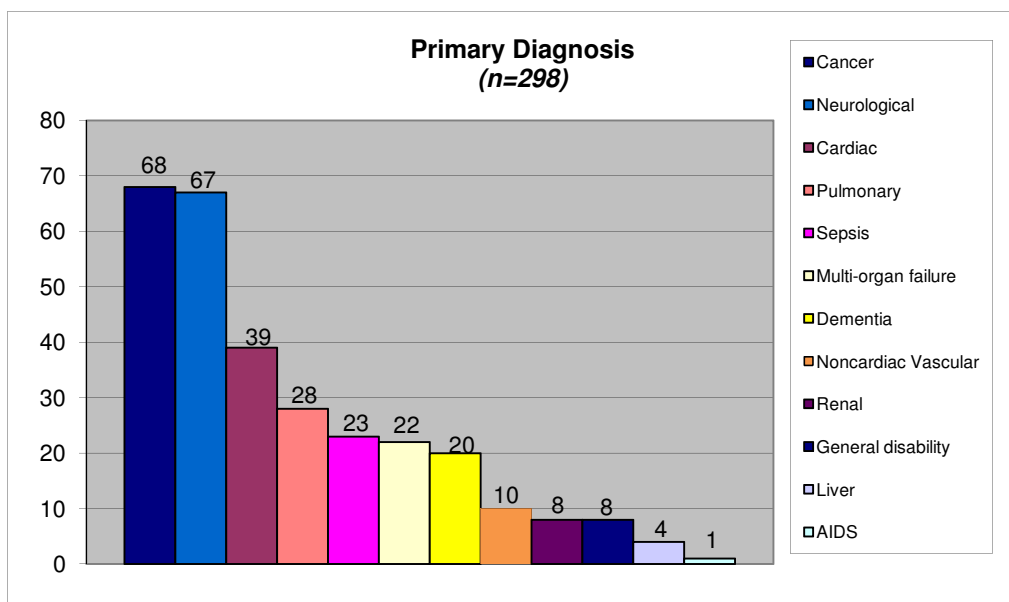
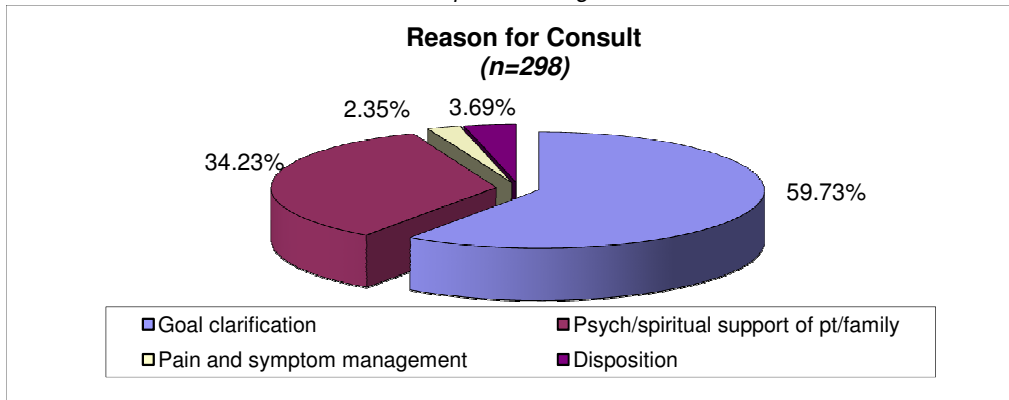
	n	%
Education about the process of their disease, prognosis and options for care.	248	83.22
Conduct a patient and family care conference with appropriate members of the interdisciplinary team.	256	85.91
Education about the benefits and burdens of specific treatments or potential interventions.	245	82.21
Provide information about spiritual care services or counseling services available.	296	99.33
Provide individual education and support to families and unlicensed caregivers to assure safe and appropriate care after discharge.	7	2.35
Provide pain and symptom management recommendations.	39	13.09
Education about the signs and symptoms of imminent death or dying process in a timely, culturally appropriate manner.	54	18.12
Hospice option for care was presented at this admission.	156	52.35
Total	1301	

Outcomes or decisions followed by family: (More than one option can be checked. Percentages are out of the total number of patients (298).)

	n	%
Patient and family participated in family care conference	260	87.25
Pastoral Care referral	298	100.00
Involvement of own clergy for spiritual support	24	8.05
Total	582	

PCT Data Collection - Tool

Total number of Palliative Care consults completed during 2011: 298



PCT Data Collection Tool - Outcomes

