

**The SAS System**  
**Set command**

<b>Obs</b>	<b>year</b>	<b>c</b>	<b>pi</b>
<b>1</b>	1959	.	.
<b>2</b>	1960	.	.
<b>3</b>	1961	.	.
<b>4</b>	1962	.	.
<b>5</b>	1963	.	.
<b>6</b>	1964	.	.
<b>7</b>	1965	.	.
<b>8</b>	1966	.	.
<b>9</b>	1967	.	.
<b>10</b>	1968	.	.
<b>11</b>	1969	.	.
<b>12</b>	1970	.	.
<b>13</b>	1971	.	.
<b>14</b>	1972	.	.
<b>15</b>	1973	.	.
<b>16</b>	1974	.	.
<b>17</b>	1975	.	.
<b>18</b>	1976	.	.
<b>19</b>	1977	.	.
<b>20</b>	1978	.	.
<b>21</b>	1979	.	.
<b>22</b>	1980	.	.
<b>23</b>	1981	.	.
<b>24</b>	1982	.	.
<b>25</b>	1983	.	.
<b>26</b>	1984	.	.
<b>27</b>	1985	.	.
<b>28</b>	1986	.	.
<b>29</b>	1987	.	.
<b>30</b>	1988	.	.
<b>31</b>	1989	.	.

<b>32</b>	1990	.	.
<b>33</b>	1991	.	.
<b>34</b>	1992	.	.
<b>35</b>	1993	.	.
<b>36</b>	1994	.	.
<b>37</b>	1995	.	.
<b>38</b>	.	317.6	392.8
<b>39</b>	.	331.7	411.5
<b>40</b>	.	342.1	429.0
<b>41</b>	.	363.3	456.7
<b>42</b>	.	382.7	479.6
<b>43</b>	.	411.4	514.6
<b>44</b>	.	4443.8	555.7
<b>45</b>	.	480.9	603.9
<b>46</b>	.	507.8	648.3
<b>47</b>	.	558.0	712.0
<b>48</b>	.	605.2	778.5
<b>49</b>	.	648.5	838.8
<b>50</b>	.	701.9	903.5
<b>51</b>	.	770.6	992.7
<b>52</b>	.	852.4	1110.7
<b>53</b>	.	933.4	1222.6
<b>54</b>	.	1034.4	1335.0
<b>55</b>	.	5151.9	1474.8
<b>56</b>	.	1278.6	1633.2
<b>57</b>	.	1428.5	1837.7
<b>58</b>	.	1592.2	2062.2
<b>59</b>	.	1757.1	2307.9
<b>60</b>	.	1941.1	2591.3
<b>61</b>	.	2077.3	2775.3
<b>62</b>	.	2290.6	2960.7
<b>63</b>	.	2503.3	3289.5
<b>64</b>	.	2720.3	3526.7
<b>65</b>	.	2899.7	3722.4
<b>66</b>	.	3100.2	3947.4

	.	3353.6	4253.7
<b>68</b>	.	3598.5	4587.8
<b>69</b>	.	3839.9	4878.6
<b>70</b>	.	3986.1	5051.0
<b>71</b>	.	4235.3	5362.0
<b>72</b>	.	4477.9	5558.5
<b>73</b>	.	4743.3	5842.5
<b>74</b>	.	4975.8	6152.3
<b>75</b>	.	4256.8	6520.6
<b>76</b>	.	5547.4	6915.1
<b>77</b>	.	5879.5	7423.0
<b>78</b>	.	6282.5	7802.4
<b>79</b>	.	6739.4	8429.7
<b>80</b>	.	7045.4	8713.1
<b>81</b>	.	7385.3	8910.3

### The SAS System Merge command

Obs	year	c	pi
1	1959	317.6	392.8
2	1960	331.7	411.5
3	1961	342.1	429.0
4	1962	363.3	456.7
5	1963	382.7	479.6
6	1964	411.4	514.6
7	1965	4443.8	555.7
8	1966	480.9	603.9
9	1967	507.8	648.3
10	1968	558.0	712.0
11	1969	605.2	778.5
12	1970	648.5	838.8
13	1971	701.9	903.5
14	1972	770.6	992.7
15	1973	852.4	1110.7
16	1974	933.4	1222.6
17	1975	1034.4	1335.0
18	1976	5151.9	1474.8
19	1977	1278.6	1633.2
20	1978	1428.5	1837.7
21	1979	1592.2	2062.2
22	1980	1757.1	2307.9
23	1981	1941.1	2591.3
24	1982	2077.3	2775.3
25	1983	2290.6	2960.7
26	1984	2503.3	3289.5
27	1985	2720.3	3526.7
28	1986	2899.7	3722.4
29	1987	3100.2	3947.4
30	1988	3353.6	4253.7
31	1989	3598.5	4587.8

<b>32</b>	1990	3839.9	4878.6
<b>33</b>	1991	3986.1	5051.0
<b>34</b>	1992	4235.3	5362.0
<b>35</b>	1993	4477.9	5558.5
<b>36</b>	1994	4743.3	5842.5
<b>37</b>	1995	4975.8	6152.3
<b>38</b>	.	4256.8	6520.6
<b>39</b>	.	5547.4	6915.1
<b>40</b>	.	5879.5	7423.0
<b>41</b>	.	6282.5	7802.4
<b>42</b>	.	6739.4	8429.7
<b>43</b>	.	7045.4	8713.1
<b>44</b>	.	7385.3	8910.3

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**The SAS System**  
**All years**

<b>Obs</b>	<b>year</b>
<b>1</b>	1959
<b>2</b>	1960
<b>3</b>	1961
<b>4</b>	1962
<b>5</b>	1963
<b>6</b>	1964
<b>7</b>	1965
<b>8</b>	1966
<b>9</b>	1967
<b>10</b>	1968
<b>11</b>	1969
<b>12</b>	1970
<b>13</b>	1971
<b>14</b>	1972
<b>15</b>	1973
<b>16</b>	1974
<b>17</b>	1975
<b>18</b>	1976
<b>19</b>	1977
<b>20</b>	1978
<b>21</b>	1979
<b>22</b>	1980
<b>23</b>	1981
<b>24</b>	1982
<b>25</b>	1983
<b>26</b>	1984
<b>27</b>	1985
<b>28</b>	1986
<b>29</b>	1987
<b>30</b>	1988
<b>31</b>	1989

<b>32</b>	1990
<b>33</b>	1991
<b>34</b>	1992
<b>35</b>	1993
<b>36</b>	1994
<b>37</b>	1995
<b>38</b>	1996
<b>39</b>	1997
<b>40</b>	1998
<b>41</b>	1999
<b>42</b>	2000
<b>43</b>	2001
<b>44</b>	2002

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**The SAS System**  
**Complete table merge**

Obs	year	c	pi
1	1959	317.6	392.8
2	1960	331.7	411.5
3	1961	342.1	429.0
4	1962	363.3	456.7
5	1963	382.7	479.6
6	1964	411.4	514.6
7	1965	4443.8	555.7
8	1966	480.9	603.9
9	1967	507.8	648.3
10	1968	558.0	712.0
11	1969	605.2	778.5
12	1970	648.5	838.8
13	1971	701.9	903.5
14	1972	770.6	992.7
15	1973	852.4	1110.7
16	1974	933.4	1222.6
17	1975	1034.4	1335.0
18	1976	5151.9	1474.8
19	1977	1278.6	1633.2
20	1978	1428.5	1837.7
21	1979	1592.2	2062.2
22	1980	1757.1	2307.9
23	1981	1941.1	2591.3
24	1982	2077.3	2775.3
25	1983	2290.6	2960.7
26	1984	2503.3	3289.5
27	1985	2720.3	3526.7
28	1986	2899.7	3722.4
29	1987	3100.2	3947.4
30	1988	3353.6	4253.7
31	1989	3598.5	4587.8



<b>32</b>	1990	3839.9	4878.6
<b>33</b>	1991	3986.1	5051.0
<b>34</b>	1992	4235.3	5362.0
<b>35</b>	1993	4477.9	5558.5
<b>36</b>	1994	4743.3	5842.5
<b>37</b>	1995	4975.8	6152.3
<b>38</b>	1996	4256.8	6520.6
<b>39</b>	1997	5547.4	6915.1
<b>40</b>	1998	5879.5	7423.0
<b>41</b>	1999	6282.5	7802.4
<b>42</b>	2000	6739.4	8429.7
<b>43</b>	2001	7045.4	8713.1
<b>44</b>	2002	7385.3	8910.3