

## Ages of U.S. Presidents at Their Death

The table below lists the presidents of the United States and the ages at which they died.

<b>Washington</b>	<b>67</b>	<b>Pierce</b>	<b>64</b>	<b>Wilson</b>	<b>67</b>
<b>Adams</b>	<b>90</b>	<b>Buchanan</b>	<b>77</b>	<b>Harding</b>	<b>57</b>
<b>Jefferson</b>	<b>83</b>	<b>Lincoln</b>	<b>56</b>	<b>Coolidge</b>	<b>60</b>
<b>Madison</b>	<b>85</b>	<b>Johnson</b>	<b>66</b>	<b>Hoover</b>	<b>90</b>
<b>Monroe</b>	<b>73</b>	<b>Grant</b>	<b>63</b>	<b>Roosevelt</b>	<b>63</b>
<b>Adams</b>	<b>80</b>	<b>Hayes</b>	<b>70</b>	<b>Truman</b>	<b>88</b>
<b>Jackson</b>	<b>78</b>	<b>Garfield</b>	<b>49</b>	<b>Eisenhower</b>	<b>78</b>
<b>Van Buren</b>	<b>79</b>	<b>Arthur</b>	<b>57</b>	<b>Kennedy</b>	<b>46</b>
<b>Harrison</b>	<b>68</b>	<b>Cleveland</b>	<b>71</b>	<b>Johnson</b>	<b>64</b>
<b>Tyler</b>	<b>71</b>	<b>Harrison</b>	<b>67</b>	<b>Nixon</b>	<b>81</b>
<b>Polk</b>	<b>53</b>	<b>McKinley</b>	<b>58</b>	<b>Ford</b>	<b>93</b>
<b>Taylor</b>	<b>65</b>	<b>Roosevelt</b>	<b>60</b>	<b>Reagan</b>	<b>93</b>
<b>Fillmore</b>	<b>74</b>	<b>Taft</b>	<b>72</b>		

1. Make a stem-and-leaf plot of the ages using these stems.

4	4
5	5
6	6
7	7
8	8
9	9

2. How many presidents died in their forties or fifties? Who lived to be the oldest?
3. Label the four presidents who were assassinated.
4. Describe the data using the measures of central tendency – mean, median, and mode. How do these measures relate to the shape of the distribution of the data in the stem-and-leaf plot?
5. Construct a box-and-whiskers plot representing the data set. Analyze the plot.