The e-Learning Development Time Ratio Survey was conducted online by The eLearning Guild between June 14th and July 8th, 2002. The survey was completed by 103 individuals.

For this survey, the following definitions applied:

- *Development Time*: means the aggregate time required by all parties involved in the development process.

- *Simple*: includes static HTML pages with text and simple graphics.

- *Average*: includes everything in "simple" plus Flash animations, JavaScript, animated GIF's, and navigational options.

- *Complex*: includes everything in "average" plus audio, video, and interactive simulations.

Respondents were asked to complete the "Asynchronous" and "Synchronous" sections of the survey only if they were developing those types of e-Learning.

SUMMARY

The table below shows a summary of the AVERAGE number of hours of development time required to develop **one minute** of an e-Learning course.

	Asynchronous	Synchronous
Simple	1.95	1.44
Average	3.18	2.45
Complex	4.60	3.70

The table below shows the AVERAGE RANGE of hours of development time required to develop a **one-hour** e-Learning course.

	Asynchronous	Synchronous
Simple	117	86
Average	191	147
Complex	276	222

GENERAL QUESTIONS

Does your organization regularly track the amount of time required to develop e-Learning courses?

Yes	71.0%
No	27.0%
Don't Know	2.0%

Does your organization develop e-Learning primarily for?

Learners who are customers external to our organization	46.0%
Learners who are internal employees of our organization	28.0%
Learners who are students at our institution	5.0%
All of the above	21.0%

ASYNCHRONOUS QUESTIONS

Asynchronous — Simple

Less than 1 hour of development for each minute of the e-Learning program	29.0%
1 hour of development for each minute of the e-Learning program	26.9%
2 hours of development for each minute of the e-Learning program	15.1%
3 hours of development for each minute of the e-Learning program	10.8%
4 hours of development for each minute of the e-Learning program	9.7%
5 hours of development for each minute of the e-Learning program	3.2%
6 hours of development for each minute of the e-Learning program	1.1%
More than 6 hours of development for each minute of the e-Learning program	4.3%

Asynchronous — Average

Less than 1 hour of development for each minute of the e-Learning program	11.1%
1 hour of development for each minute of the e-Learning program	11.1%
2 hours of development for each minute of the e-Learning program	21.1%
3 hours of development for each minute of the e-Learning program	16.7%
4 hours of development for each minute of the e-Learning program	14.4%
5 hours of development for each minute of the e-Learning program	8.9%
6 hours of development for each minute of the e-Learning program	10.0%
More than 6 hours of development for each minute of the e-Learning program	6.7%

Asynchronous — Complex

Less than 1 hour of development for each minute of the e-Learning program	4.9%
1 hour of development for each minute of the e-Learning program	4.9%
2 hours of development for each minute of the e-Learning program	13.4%
3 hours of development for each minute of the e-Learning program	7.3%
4 hours of development for each minute of the e-Learning program	18.3%
5 hours of development for each minute of the e-Learning program	7.3%
6 hours of development for each minute of the e-Learning program	13.4%
More than 6 hours of development for each minute of the e-Learning program	30.5%

**Do you see the amount of time required for developing each minute of an Asynchronous
e-Learning program?**

Increasing	17.4%
Remaining the same	22.8%
Decreasing	59.8%

SYNCHRONOUS QUESTIONS

Synchronous — Simple

Less than 1 hour of development for each minute of the e-Learning program	46.6%
1 hour of development for each minute of the e-Learning program	24.1%
2 hours of development for each minute of the e-Learning program	17.2%
3 hours of development for each minute of the e-Learning program	1.7%
4 hours of development for each minute of the e-Learning program	1.7%
5 hours of development for each minute of the e-Learning program	3.4%
6 hours of development for each minute of the e-Learning program	3.4%
More than 6 hours of development for each minute of the e-Learning program	1.7%

Synchronous — Average

Less than 1 hour of development for each minute of the e-Learning program	18.9%
1 hour of development for each minute of the e-Learning program	20.8%
2 hours of development for each minute of the e-Learning program	20.8%
3 hours of development for each minute of the e-Learning program	13.2%
4 hours of development for each minute of the e-Learning program	13.2%
5 hours of development for each minute of the e-Learning program	3.8%
6 hours of development for each minute of the e-Learning program	3.8%
More than 6 hours of development for each minute of the e-Learning program	5.7%

Synchronous — Complex

Less than 1 hour of development for each minute of the e-Learning program	15.1%
1 hour of development for each minute of the e-Learning program	13.2%
2 hours of development for each minute of the e-Learning program	9.4%
3 hours of development for each minute of the e-Learning program	9.4%
4 hours of development for each minute of the e-Learning program	13.2%
5 hours of development for each minute of the e-Learning program	7.5%
6 hours of development for each minute of the e-Learning program	13.2%
More than 6 hours of development for each minute of the e-Learning program	18.9%

Do you see the amount of time required for developing each minute of a Synchronous e-Learning program?

Increasing	21.1%
Remaining the same	36.8%
Decreasing	42.1%