

# Intro to Management Information Systems Notes/Review:

## Chapter 1: Introduction

**Information System:** A computer-based system that collects, process, store, analyzes, and disseminates information for a specific purpose.

**Data** is “raw” and unprocessed. Can be quantitative or nonquantitative and lacks structure and cannot be readily interpreted for meaning.

	A	B	C	D	E	F	G	H	I	J	K	L
1	Boise	Ada	ID	1	58	26.23	13	38	53	43	34	24
2	Parma	Canyon	ID	0	17	3.02	15	47	22	33	36	23
3	Vale	Malhuer	Or	0	18	3.25	8	40	44	38	36	27
4	Reno	Washoe	NV	0	19	2.36	12	21	37	38	35	18
5	Ontario	Malhuer	OR	1	20	2.33	9	50	21	46	45	12
6	Reno	Washoe	NV	1	20	0.71	11	41	57	40	44	30
7	Reno	Washoe	NV	1	20	2.92	16	50	46	47	45	30
8	Reno	Washoe	CA	0	23	0.71	9	50	50	50	45	29
9	Caldwell	Canyon	ID	0	24	0.62	22	50	40	50	45	30
10	Ontario	Malhuer	OR	0	25	7.29	9	40	46	44	44	27
11	Reno	Washoe	NV	0	25	6.83	18	40	52	38	32	28
12	Boise	Ada	ID	0	26	2.62	9	45	29	45	37	25
13	Reno	Washoe	NV	0	26	3.58	8	38	44	40	36	24
14	Ontario	Malhuer	OR	0	27	50.06	10	49	50	39	35	30

**Information:** data that is organized and presented in a manner that can be easily interpreted.

Row Labels	Number of clients
Boise	9.00
Caldwell	1.00
Meridian	2.00
Nampa	6.00
Ontario	22.00
Parma	3.00
Reno	47.00
Sparks	15.00
Sun Valley	1.00
<b>Grand Total</b>	<b>106.00</b>

**Knowledge:** Inferences based on *information*.



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### Five Components of an Information System:

1. Hardware
2. Software
3. Data
4. Procedures
5. People

Software, data, and procedures help bridge the gap between hardware and people.

**Functional area system:** Support a particular function or department such as:

- HRM
- CAD
- Accounting
- CRM

**Input:** The raw data captured or collected

**Output:** Data processed into information and distributed to people who will use it.